



November 18, 2014

Mr. Roger Nye  
Washington State Department of Ecology - NWRO  
3190 160<sup>th</sup> Avenue SE  
Bellevue, Washington 98008

**Re: Supplemental Data Collection – Spic’n Span Cleaners Site**  
652 South Dearborn Street, Seattle, Washington  
VCP No.: NW2564  
Project No. 060172

Dear Mr. Nye:

This letter documents data collected subsequent to the Remedial Investigation, Feasibility Study and Cleanup Action Plan for the Spic’n Span Cleaners site (Aspect, 2011). In its opinion letter dated February 25, 2013, the Washington State Department of Ecology (Ecology) concurred with proposed cleanup action (in-situ thermal treatment) to address total petroleum hydrocarbons (TPH) as mineral spirits, perchloroethene (PCE), and associated breakdown products trichloroethene (TCE), cis-1,2-dichloroethene (DCE), and vinyl chloride (VC) in soil and groundwater. Ecology also requested the following:

- Recalculation of Method B cleanup levels based on updated toxicity information for PCE and TCE and using a fraction organic carbon value from soil samples collected outside the area of TPH contamination.
- Evaluation of PCE in air inside the dry cleaners building for comparison to WISHA worker exposure limits.

Between June 2013 and October 2014, Aspect Consulting collected additional site data to address the above requests and to provide sufficient data for Thermal Remediation Services (TRS), the thermal treatment vendor, to conduct a 50-percent engineering design report. This included:

- Measuring indoor air concentrations of PCE inside the dry cleaner space using Gastec detection tubes. PCE was not detected at the Gastec tube detection limit of 2 ppm, which is well below the WISHA worker exposure limit of 25 ppm.
- Collecting soil and groundwater samples from 30 direct-push borings (B-23 through B-52). Boring logs are provided in Attachment A. 90 soil samples and 24 groundwater samples were analyzed for VOCs. 24 soil samples and 4 groundwater samples were analyzed for TPH as mineral spirits. Laboratory certificates are included in Attachment C. Soil data are shown on Figure 1 (PCE) and Figure 2 (TPH). Groundwater data are shown on Figure 3.



- Analyzing 13 samples for total organic carbon (TOC). TOC data is provided in Table 1. Samples used to calculate the site-wide fraction organic content are highlighted in yellow. Samples from areas containing TPH or from soil intervals containing substantial organic debris were not used in the calculation of organic content. The fraction organic content, based on the geometric mean TOC concentration, is 0.45 percent.
- Installing three replacement monitoring wells (MW-2R, MW-3R, and VE-1R) adjacent to monitoring wells MW-2, MW-3, and VE-1. The replacement monitoring wells were constructed of materials able to withstand elevated temperatures. The original monitoring wells will be decommissioned prior to thermal treatment.
- Conducting groundwater monitoring at all site monitoring wells, including the replacement monitoring wells, in September 2014. Samples were analyzed for VOCs, TPH as mineral spirits, total dissolved solids, and electrical conductivity. Groundwater data from monitoring wells for analytes exceeding cleanup levels are shown on Figure 3.
- Conducting slug tests at the three replacement wells (MW-2R, MW-3R, and VE-1R). Based on these tests, well VE-1R was selected for pump testing. Based on the pump test results and groundwater gradients measured in September 2014 and March 2009, site groundwater velocities between 0.06 and 0.01 feet per day were estimated. Hydraulic testing results are provided in Attachment B.

Cleanup levels were revised based on current toxicity data from Ecology's CLARC database and using additional TOC data collected outside the footprint of TPH contamination to calculate soil cleanup levels protective of groundwater. Revised cleanup levels are provided in Table 2.

Based on the collected data, the estimated extent of contamination exceeding cleanup levels has been adjusted as shown on Figure 1 (PCE in soil), 2 (TPH in soil), and 3 (VOCs in groundwater). Aspect is currently working with TRS to develop the 50 percent remedial design for the thermal treatment system. The final thermal treatment design will be provided to Ecology when complete. Consistent with the cleanup action proposed in the RI/FS/CAP, the intent is to design the thermal treatment system to address the area of contamination east of the Maynard Avenue South right-of-way. In accordance with Ecology's recommendations in its opinion letter dated February 25, 2013, the need for additional actions in and downgradient (southwest) of the Maynard Avenue South right-of-way will be assessed after completion of thermal treatment.

The data provided in this letter is being provided for informational purposes only. No opinion is being requested at this time. However, do not hesitate to contact us if you would like to discuss the results.

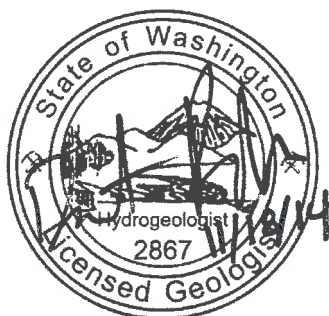
## **Limitations**

Work for this project was performed for Spic'n Span Cleaners, Inc. (Client), and this letter was prepared in accordance with generally accepted professional practices for the nature and conditions of work completed in the same or similar localities, at the time the work was performed. This letter does not represent a legal opinion. No other warranty, expressed or implied, is made.

All reports prepared by Aspect Consulting for the Client apply only to the services described in the Agreement(s) with the Client. Any use or reuse by any party other than the Client is at the sole risk of that party, and without liability to Aspect Consulting. Aspect Consulting's original files/reports shall govern in the event of any dispute regarding the content of electronic documents furnished to others.

Sincerely,

Aspect consulting, LLC



DAVID FREDERICK RUGH

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Attachments:

- Table 1 – Total Organic Carbon in Soil
- Table 2 – Summary of Cleanup Levels for Site Contaminants of Concern
- Figure 1 – PCE Soil Data and Extent of Contamination
- Figure 2 – Total Petroleum Hydrocarbons Soil Data and Extent of Contamination
- Figure 3 – Chlorinated VOCs Groundwater Data – 2013/2014
- Attachment A – Boring Logs
- Attachment B – Hydraulic Testing
- Attachment C – Laboratory Certificates of Analysis

cc: Joel Ostroff, Stanley Real Estate

# **TABLES**

## Table 1 - Total Organic Carbon in Soil

Spic 'n Span Cleaners

	PP-3A 06/16/05 (0.5-4 ft)	PP-3A 06/16/05 (8-12 ft)	PP-3A 06/16/05 (20-24 ft)	PP-5 06/16/05 (0-3 ft)	PP-5 06/16/05 (8-12 ft)	PP-5 06/16/05 (20-24 ft)	PP-8 06/17/05 (8-11 ft)	PP-8 06/17/05 (20-22 ft)	B5-12 07/26/08 (12 ft)	B6-12 07/26/08 (12 ft)
Total Organic Carbon	0.73%	0.70%	0.37%	1.7%	0.65%	0.38%	0.23%	0.25%	<0.05 %	0.40%
	B-23 05/18/13 (4 ft)	B-23 05/18/13 (18 ft)	B-24 05/18/13 (5.5 ft)	B-24 05/18/13 (28 ft)	B-25 05/18/13 (3 ft)	B-25 05/18/13 (20 ft)	B-25 05/18/13 (24 ft)	B-26 05/18/13 (3.5 ft)	B-26 05/18/13 (8 ft)	B-26 05/18/13 (20 ft)
Total Organic Carbon	0.47%	0.64%	0.79%	0.043%	0.41%	0.94%	0.16%	1.2%	1.2%	0.95%
	B-42 08/19/14 (16.5 ft)	B-43 08/19/14 (17 ft)	B-45 08/19/14 (15.5 ft)							
Total Organic Carbon	12%	5.2%	1.1%							

Yellow highlight indicates value used for site TOC. Excludes soil samples containing organic debris or TPH contamination.

## Table 2 - Summary of Cleanup Levels for Site Contaminants of Concern

Spic 'n Span Cleaners

Chemical Name	GROUNDWATER	SOIL	
	MTCA Cleanup Levels in ug/L <sup>1</sup>	MTCA Cleanup Levels in mg/kg	
		Direct Contact <sup>2</sup>	Groundwater Protection <sup>3</sup>
<b>Total Petroleum Hydrocarbons</b>			
Mineral Spirits/Stoddard Solvent	<b>1,000</b>	--	<b>97</b>
<b>Chlorinated Volatile Organics</b>			
Tetrachloroethene	<b>5</b>	480	<b>0.15</b>
Trichloroethene	<b>5</b>	12	<b>0.066</b>
Cis-1,2-dichloroethene	<b>16</b>	160	<b>0.12</b>
Vinyl Chloride	<b>0.2</b>	0.67	<b>0.05<sup>(4)</sup></b>

### Notes

Site cleanup levels are in **bold**.

<sup>1</sup> Cleanup levels based on MTCA Method A table values (WAC 173-340-900, Table 720-1). When Method A values are not available, Method B Standard Formula Values are listed, as provided in Ecology's CLARC database.

<sup>2</sup> Cleanup levels based on MTCA Method Method B Standard Formula Values for Unrestricted Land Use, as provided in Ecology's CLARC database.

<sup>3</sup> The soil cleanup level for TPH as Mineral Spirits is calculated using the MTCATPH 11.1 workbook. The worksheet is provided in Appendix F. The soil cleanup level for the volatile organics is calculated based on the equation below (WAC 173-340-747, Equation 747-1). If no MTCA cleanup level for groundwater, Henry's law constant, and/or Koc value are available for a given compound, the calculation is not completed.

$$C_s = C_w (UCF) DF \left[ K_d + \frac{(\theta_w + \theta_a H_{cc})}{\rho_b} \right]$$

Where:

Cs= Soil cleanup level in mg/kg

Cw= Groundwater cleanup level as listed above in ug/L

UCF= Unit conversion factor (0.001 g/ug)

DF= Dilution factor (dimensionless; MTCA default value is 20 for unsaturated soils)

Kd= Koc x foc

Koc as listed in the Ecology's CLARC database

foc = 0.0045 (geometric mean of values in Table 1 of this report)

θw= Water-filled soil porosity in ml water/ ml soil (MTCA default value is 0.3 for unsaturated soils)

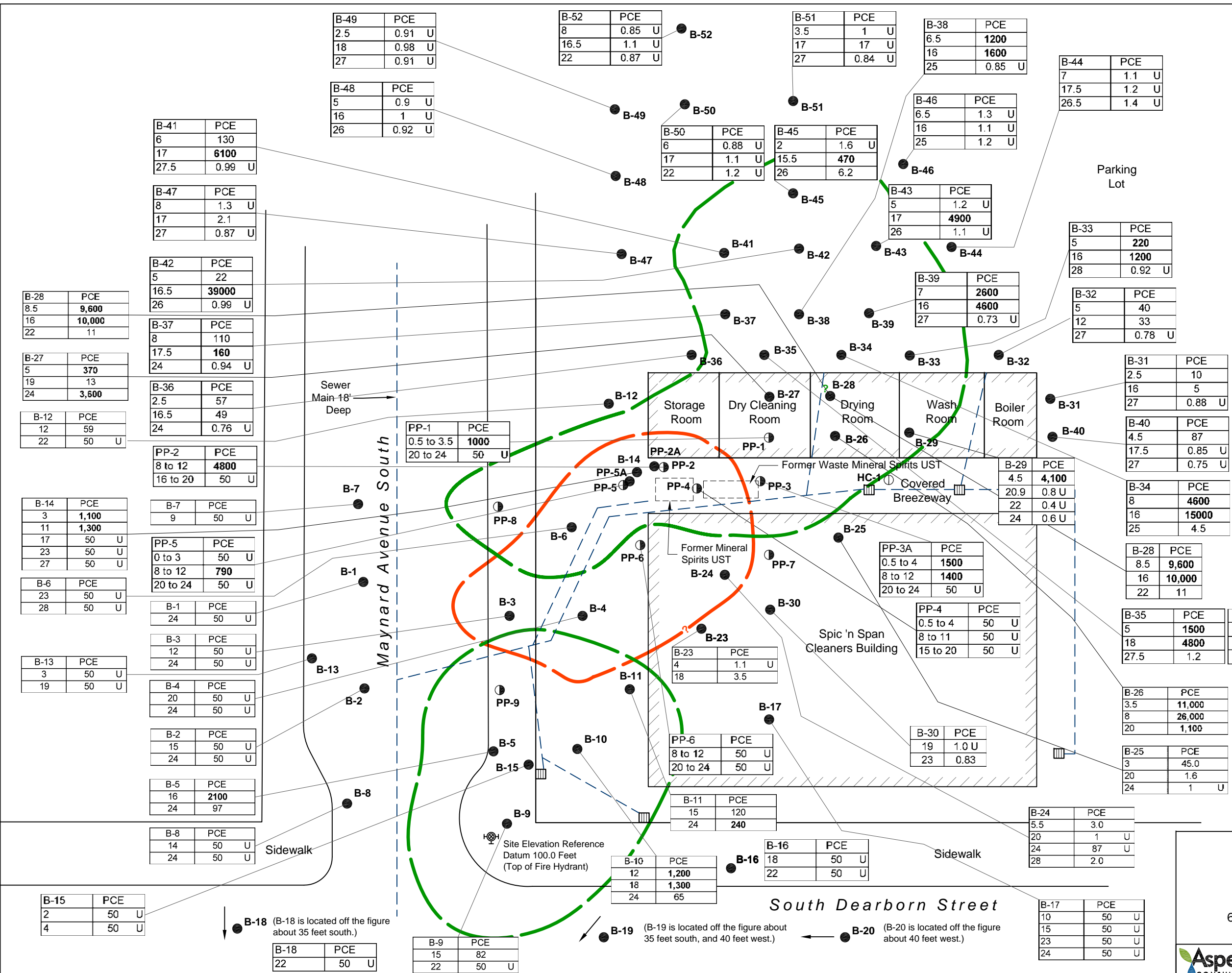
θa= Air-filled soil porosity in ml air/ml soil (MTCA default value is 0.13 for unsaturated soils)

Hcc= Henry's law constant as listed in Ecology's CLARC database

ρb= Dry soil bulk density in kg/L (MTCA default value is 1.5 kg/L)

<sup>4</sup> Based on PQL.

# FIGURES



### Legend

**Site Features & Exploration Focus Areas**

- Sewer Line (Approximate location based on City of Seattle side sewer card)
- ▤ Catch Basin

**Exploration Location & Number**

- HC-1 ○ Push Probe (Hart Crowser, 1997)
- PP-5 ● Push Probe (Hart Crowser, June 2005)
- B-27 ● Push Probe (Aspect 2008-2014)

**Cleanup Levels (protection of GW)**

PCE 150 µg/kg  
TPH 97 mg/kg

**Bold Font indicates exceedance in cleanup level.**

- Green outline: Extent of PCE, TCE or cis-DCE above cleanup levels
- Orange outline: Extent of TPH above cleanup levels

0 20 40  
Feet

### PCE Soil Data and Extent of Contamination

Spic 'n Span Cleaners Site  
652 South Dearborn Street, Seattle, Washington

**Aspect CONSULTING**

NOV-2014  
PROJECT NO. 060172P


BY: JJP/SCC  
REV BY: SCC

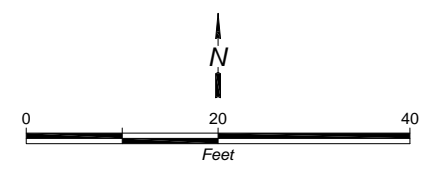
FIGURE NO. **1**

CAD Path: Q:\SpicnSpan Cleaners\060172 SpicnSpan Cleaners\2014-11\060172-07.dwg; 01-PCE Soil Data and Extent of Contamination | Coordinate System: NAD 1983 State Plane Washington North FIPS 4601 Feet | Date Saved: Nov 17, 2014 1:17 PM | User: scud



**Legend**

- Site Features & Exploration Focus Areas
- Sewer Line (Approximate location based on City of Seattle side sewer card)
  - ▤ Catch Basin
- Exploration Location & Number
- HC-1 ○ Push Probe (Hart Crowser, 1997)
  - PP-5 ● Push Probe (Hart Crowser, June 2005)
  - B-27 ● Push Probe (Aspect 2008-2014)
- Cleanup Levels (protection of GW)  
TPH 97 mg/kg
- Bold Font** indicates exceedance in cleanup level.
-  Extent of TPH above cleanup levels



B-12	TPH
22	5 U

PP-1	TPH
0.5 to 3.5	5 U
20 to 24	5 U

PP-2	TPH
8 to 12	5 U
16 to 20	1400

PP-5	TPH
0 to 3	5 U
8 to 12	5 U
20 to 24	13000

B-6	TPH
23	290
28	5 U

B-4	TPH
20	94
24	1700

B-1	TPH
24	5 U

B-3	TPH
12	190
24	710

B-2	TPH
15	5 U
24	5 U

B-11	TPH
15	-
24	5 U

B-5	TPH
16	7.1
24	5 U

B-27	TPH
5	4.8 U
19	4.9 U
24	6.1 U

B-28	TPH
8.5	8
16	12
22	4.7 U

B-29	TPH
4.5	11
20.9	20
22	3.3 U
24	4.2 U

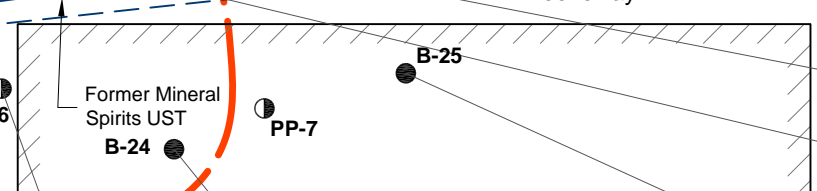
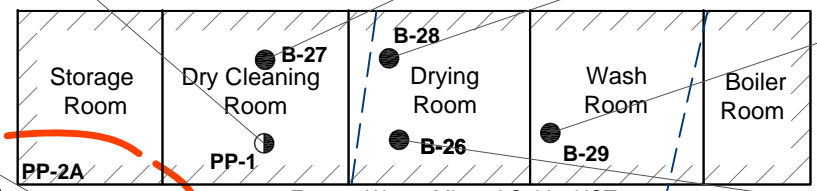
B-26	TPH
3.5	7.8 U
8	11 U
20	9.9 U

PP-3A	TPH
0.5 to 4	10
8 to 12	5 U
20 to 24	28

PP-4	TPH
0.5 to 4	5 U
8 to 11	5 U
15 to 20	210

B-25	TPH
3	7.2 U
20	7 U
24	7.2 U

B-30	TPH
19	6
23	53



PP-6	TPH
8 to 12	5 U
20 to 24	43

B-23	TPH
4	7 U
18	6.7 U

B-17	TPH
10	5 U
15	5 U
23	5 U
24	5 U

B-24	TPH
5.5	12
20	31
24	2200
28	5.2 U

Site Elevation Reference  
Datum 100.0 Feet  
(Top of Fire Hydrant)

B-18 (B-18 is located off the figure about 35 feet south.)

B-19 (B-19 is located off the figure about 35 feet south, and 40 feet west.)

B-20 (B-20 is located off the figure about 40 feet west.)

**Total Petroleum Hydrocarbons Soil Data and Extent of Contamination**  
Spic 'n Span Cleaners Site  
652 South Dearborn Street, Seattle, Washington



NOV-2014  
PROJECT NO. 060172P

BY: JJP/SCC  
REV BY: SCC

FIGURE NO. **2**

CAD Path: Q:\SpicnSpan Cleaners\060172 SpicnSpan Cleaners\2014-11\060172-07.dwg 02-TPH Soil Data and Extent of Contamination Coordinate System: NAD 1983 State Plane Washington North FIPS 4601 Feet Date Saved: Nov 17, 2014 1:18pm User: scud

B-35	PCE	TCE	cis-DCE	VC
6/18/2014	<b>16</b>	<b>9.6</b>	<b>38</b>	0.2 U

B-36	PCE	TCE	cis-DCE	VC
6/18/2014	2.3	1	5.8	<b>0.93</b>

B-27	PCE	TCE	cis-DCE	VC
9/21/2013	<b>58</b>	1	<b>95</b>	<b>4.9</b>

MW-02R	PCE	TCE	cis-DCE	VC
9/8/2014	2	2.4	16	<b>1.9</b>

MW-02	PCE	TCE	cis-DCE	VC
9/8/2014	0.2 U	0.3	1.6	<b>0.75</b>

MW-03	PCE	TCE	cis-DCE	VC
9/8/2014	0.2 U	0.2 U	0.35	<b>0.71</b>

MW-04	PCE	TCE	cis-DCE	VC
9/8/2014	0.7 U	1.2	<b>36</b>	<b>40</b>

MW-03R	PCE	TCE	cis-DCE	VC
9/8/2014	2.5	0.31	0.74	<b>1.0</b>

MW-05	PCE	TCE	cis-DCE	VC
9/8/2014	0.2 U	0.2 U	2.5	<b>0.91</b>

MW-06	PCE	TCE	cis-DCE	VC
9/8/2014	0.2 U	0.2 U	0.48	<b>1.7</b>

B-45	PCE	TCE	cis-DCE	VC
8/19/2014	<b>6.8</b>	0.2 U	0.2 U	0.2 U

B-42	PCE	TCE	cis-DCE	VC
8/19/2014	<b>29</b>	0.39	0.2 U	0.2 U

B-43	PCE	TCE	cis-DCE	VC
8/19/2014	<b>5.5</b>	0.21	0.2	0.2 U

B-38	PCE	TCE	cis-DCE	VC
6/18/2014	<b>8.8</b>	1.9	3.1	0.2 U

B-39	PCE	TCE	cis-DCE	VC
6/18/2014	<b>11</b>	1.2	8.4	<b>0.43</b>

B-34	PCE	TCE	cis-DCE	VC
6/18/2014	<b>18</b>	1.7	<b>19</b>	<b>0.39</b>

B-26	PCE	TCE	cis-DCE	VC
5/18/2013	<b>11</b>	0.2 U	3.1	<b>0.81</b>

VE-01	PCE	TCE	cis-DCE	VC
9/8/2014	0.4 U	1.2	41	5.0

VE-01R	PCE	TCE	cis-DCE	VC
9/8/2014	0.22	0.2 U	5.5	<b>3.7</b>

B-24	PCE	TCE	cis-DCE	VC
5/18/2013	0.2 U	0.2 U	16	<b>1.9</b>

### Legend

**Site Features & Exploration Focus Areas**

- Sewer Line (Approximate location based on City of Seattle side sewer card)
- ▤ Catch Basin

**Exploration Location & Number**

- MW-1 ⊕ Monitoring Well
- B-27 ● Push Probe (Aspect 2013-2014)
- B-9 ● Push Probe (2008-2012)

**Remediation System Well Location & Number**

- VE-1 ⊕ Vapor Extraction Location

--- Estimated Boundary of Contamination above Cleanup Levels.

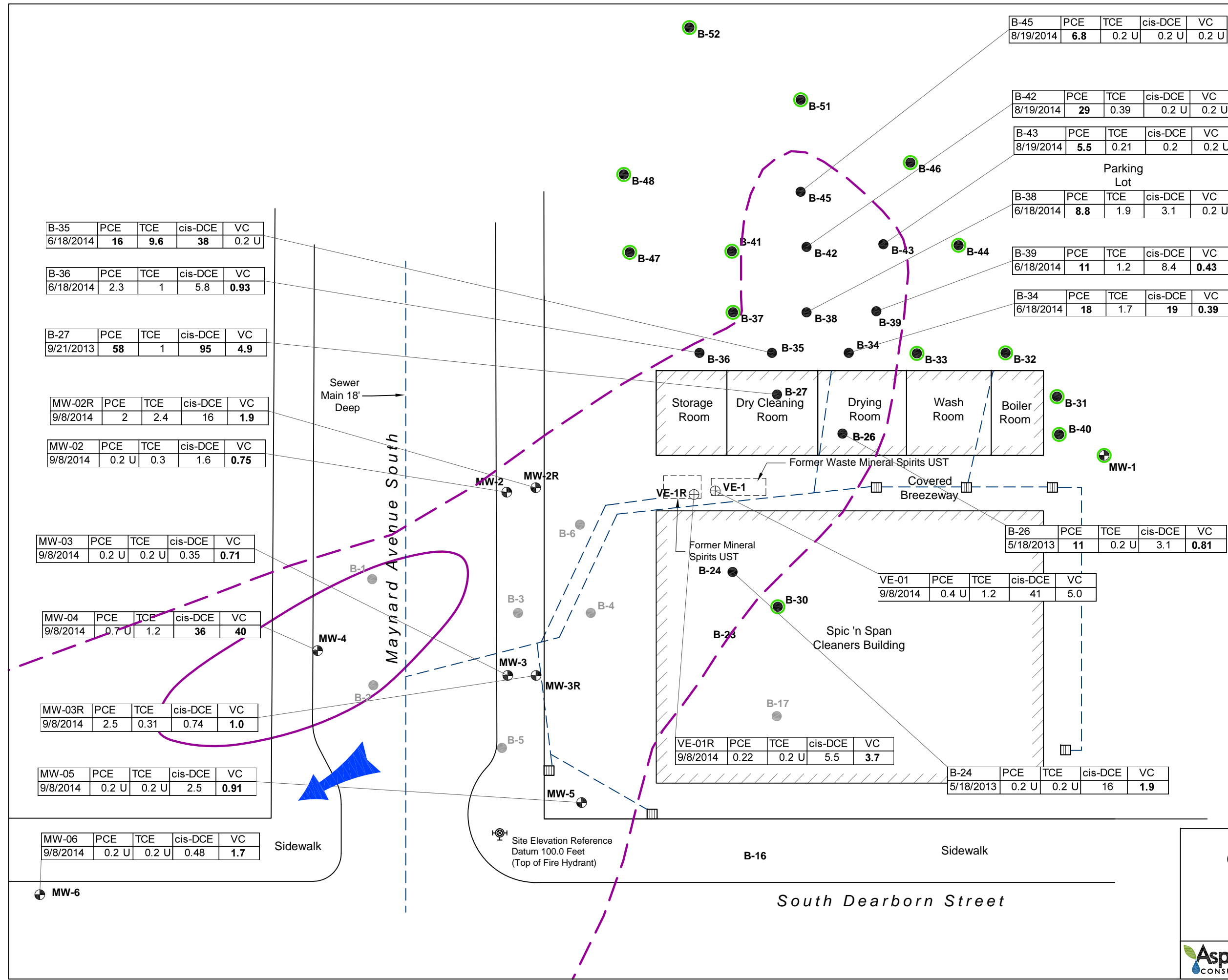
--- Estimated Boundary of Contamination >100x Cleanup Levels.

← Generalized Direction of Groundwater Flow

**8.8** Bold Font in Table Indicates Exceedance in Cleanup Level

○ Indicates No Detections Above Cleanup Levels

Cleanup Levels: PCE 5 ug/L  
TCE 5 ug/L  
Cis - DCE 16 ug/L  
VC 0.2 ug/L



## Chlorinated VOCs Groundwater Data 2013/2014

Spic 'n Span Cleaners Site  
652 South Dearborn Street, Seattle, Washington

	NOV-2014 <small>PROJECT NO. 060172P</small>	BY: JJP/SCC <small>REV BY: SCC</small>
<b>FIGURE NO. 3</b>		

CAD Path: Q:\Spic'n Span Cleaners\060172 Spic'n Span Cleaners\2014-11-06\17207.dwg 03-gw Analytical Data Sitewide || User: scud || Date Saved: Nov 17, 2014 1:21pm

# **ATTACHMENT A**

## **Boring Logs**

Soil Classification		Terms Describing Relative Density and Consistency	
		Density	SPT <sup>(2)</sup> blows/foot
Coarse-Grained Soils - More than 50% Retained on No. 200 Sieve	Gravels - More than 50% <sup>(1)</sup> of Coarse Fraction Retained on No. 4 Sieve	Very Loose	0 to 4
	Gravels - 50% <sup>(1)</sup> or More of Coarse Fraction Passes No. 4 Sieve	Loose	4 to 10
		Medium Dense	10 to 30
	Sands - 50% <sup>(1)</sup> or More of Coarse Fraction Passes No. 4 Sieve	Dense	30 to 50
		Very Dense	>50
			Consistency
		SPT <sup>(2)</sup> blows/foot	
		Very Soft	0 to 2
		Soft	2 to 4
		Medium Stiff	4 to 8
		Stiff	8 to 15
		Very Stiff	15 to 30
		Hard	>30
		Component Definitions	
		Size Range and Sieve Number	
		Boulders	Larger than 12"
		Cobbles	3" to 12"
		Gravel	3" to No. 4 (4.75 mm)
		Coarse Gravel	3" to 3/4"
		Fine Gravel	3/4" to No. 4 (4.75 mm)
		Sand	No. 4 (4.75 mm) to No. 200 (0.075 mm)
		Coarse Sand	No. 4 (4.75 mm) to No. 10 (2.00 mm)
		Medium Sand	No. 10 (2.00 mm) to No. 40 (0.425 mm)
		Fine Sand	No. 40 (0.425 mm) to No. 200 (0.075 mm)
		Silt and Clay	Smaller than No. 200 (0.075 mm)
		Estimated Percentage	
		Moisture Content	
		Dry - Absence of moisture, dusty, dry to the touch	
		Slightly Moist - Perceptible moisture	
		Moist - Damp but no visible water	
		Very Moist - Water visible but not free draining	
		Wet - Visible free water, usually from below water table	
		Symbols	
		(1) Percentage by dry weight	(5) Combined USCS symbols used for fines between 5% and 15% as estimated in General Accordance with Standard Practice for Description and Identification of Soils (ASTM D-2488)
		(2) (SPT) Standard Penetration Test (ASTM D-1586)	
		(3) In General Accordance with Standard Practice for Description and Identification of Soils (ASTM D-2488)	
		(4) Depth of groundwater	ATD = At time of drilling BGS = below ground surface

Classifications of soils in this report are based on visual field and/or laboratory observations, which include density/consistency, moisture condition, grain size, and plasticity estimates and should not be construed to imply field or laboratory testing unless presented herein. Visual-manual and/or laboratory classification methods of ASTM D-2487 and D-2488 were used as an identification guide for the Unified Soil Classification System.

	<h1>Exploration Log Key</h1>	DATE:	PROJECT NO.
		DESIGNED BY:	
		DRAWN BY:	FIGURE NO.
		REVISED BY:	A-1



# Boring Log

Project Number  
060172

Boring Number  
B-31

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners

Ground Surface Elev. \_\_\_\_\_

Location: Seattle, WA

Driller/Method: Cascade Drilling / Direct-Push Probe

Depth to Water (ft BGS) \_\_\_\_\_

Sampling Method: Continuous Core

Start/Finish Date 6/19/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
						Asphalt		
		S1	B-31-2.5 (Soil)	0.0		Moist, orange-brown, slightly gravelly SAND (SP); fine to medium sand, fine to coarse gravel, trace organics		
5	Hydrated Bentonite Chips	S2		0.0		Moist, gray, clayey SILT (CL-ML); trace fine gravel, trace organics		5
		S3		0.0		Moist, brown, gravelly, very sandy SILT (ML); fine sand, coarse gravel, trace organics		10
15		S4	B-31-16 (Soil)	0.0		Moist, dark brown, gravelly SAND (SP); trace gravel, fine to medium sand, fine gravel Broken glass at 16.5'		15
20	▽ 6/19/2014	S5		0.0		Moist, brown, slightly silty, gravelly SAND (SP-SM); fine to medium sand, fine gravel		20
		S6	B-31-27 (Soil) B-31-061914 (Water)	0.0		Wet, brown, gravelly SAND (SW); trace silt, fine to coarse sand, fine gravel		25
25				0.0		Wet, brown, gravelly, very silty SAND (SM); fine to medium sand, fine to coarse gravel		
				0.0		Wet, gray-brown, slightly gravelly SAND (SP); fine to medium sand		
				0.0		Wet, brown, gravelly SAND (SW); fine to coarse sand, fine gravel		25
				0.0		Wet, slightly gravelly SAND (SP); fine to medium sand, fine gravel		30
30						Bottom of boring at 30'		30

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 2



# Boring Log

Project Number  
060172

Boring Number  
B-32

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners

Ground Surface Elev. \_\_\_\_\_

Location: Seattle, WA

Driller/Method: Cascade Drilling / Direct-Push Probe

Depth to Water (ft BGS) \_\_\_\_\_

Sampling Method: Continuous Core

Start/Finish Date 6/19/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
						Asphalt		
		S1		0.0		Moist, brown orange, gravelly SAND (SP); fine to medium sand		
				0.0		Moist, gray, gravelly, sandy SILT (ML);		
5	Hydrated Bentonite Chips			0.0		Moist, brown, gravelly, silty SAND (SM); fine to medium sand, fine to coarse gravel		5
		S2	B-32-5 (Soil)	0.0				
10				0.0		Moist, brown, silty CLAY (CL); iron oxide staining, blocky texture		10
		S3	B-32-12 (Soil)	0.0		Moist, brown-gray CLAY (CH); trace coarse sand		
15				0.0		Moist, dark brown/black ORGANIC SILT (OL); burnt appearance		15
		S4		0.0		Very moist, black, sandy SILT (ML); trace gravel, numerous organics		
20				0.0		Moist, brown gray, gravelly, silty SAND (SM); fine to medium sand with iron oxide staining and mottling		20
		S5		0.0		Moist, dark brown, gravelly, sandy SILT (ML); fine to coarse sand, fine to coarse gravel		
				0.0		Very moist, gray, silty SAND (SM); trace fine gravel		
25	▽ 6/19/2014			0.0		Moist, brown, gravelly, silty SAND (SM); fine to medium sand, fine gravel, iron oxide staining		25
		S6	B-32-27 (Soil) B-32-061914 (Water)	0.0		Wet, gray, slightly silty SAND (SP-SM); fine to medium sand, trace gravel		
				0.0		Wet, brown, gravelly, sandy SILT (ML); fine to medium sand, fine to coarse gravel, iron oxide staining		
30				0.0		Wet, brown, slightly silty, gravelly, SAND (SW-SM); fine to coarse sand, fine to coarse gravel, iron oxide staining		30
				0.0		Wet, brown, gravelly, sandy SILT (ML); iron oxide staining		
						Bottom of boring at 30'		

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 3



# Boring Log

Project Number  
060172

Boring Number  
B-33

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners

Ground Surface Elev. \_\_\_\_\_

Location: Seattle, WA

Driller/Method: Cascade Drilling / Direct-Push Probe

Depth to Water (ft BGS) \_\_\_\_\_

Sampling Method: Continuous Core

Start/Finish Date 6/19/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
						Asphalt		
		S1	B-33-5 (Soil)	0.0		Moist, brown orange, slightly gravelly SAND (SP); fine to medium sand		
				0.0		Moist, gray, gravelly, sandy SILT (ML); fine to coarse sand		
				0.0		Moist, brown SAND (SP); fine to medium sand, trace gravel		
5	Hydrated Bentonite Chips	S2		0.0		Moist, brown, gravelly, silty SAND (SM); fine to medium sand		5
				0.0		1" layer of charcoal at 7.5'		
		S3		0.0		Moist, brown, gravelly, clayey SILT (ML); numerous organics		
			B-33-16 (Soil)	0.0		Moist, gray brown, CLAY (CH); trace coarse sand with mottling		
		S4		0.0		Moist, dark brown, slightly gravelly, ORGANIC SILT (OL); bottom 2" is blue, silty CLAY (CL)		
				0.0		Moist, dark brown, gravelly, sandy SILT (ML); fine to coarse sand, fine gravel		
		S5		0.0		Moist, gray brown, slightly gravelly, silty CLAY (CL); fine gravel, iron oxide staining and mottling		
			B-33-28 (Soil), B-33-061914 (Water)	0.0		Very moist, brown, slightly gravelly, slightly silty SAND (SP-SM); fine to medium sand, iron oxide staining		25
		S6		0.0		Wet, brown, gravelly SAND (SP); trace silt, fine to medium sand, iron oxide staining		
				0.0		Wet, brown, gravelly, sandy SILT (ML); iron oxide staining		
				0.0		Wet, brown SAND (SW); fine to coarse sand, trace fine gravel		
				0.0		Wet, brown gray, sandy SILT (ML); trace gravel		
30						Bottom of boring at 30'		30

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 4



# Boring Log

Project Number  
060172

Boring Number  
B-34

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners

Ground Surface Elev. \_\_\_\_\_

Location: Seattle, WA

Driller/Method: Cascade Drilling / Direct-Push Probe

Depth to Water (ft BGS) \_\_\_\_\_

Sampling Method: Continuous Core

Start/Finish Date 6/18/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
						Asphalt		
				0.0		Moist, orange SAND (SP);		
		S1		0.0		Moist, gray, gravelly, clayey SILT (ML); dark brown mottling		
						Moist, brown, gravelly, silty SAND (SM); bottom 2" is orange SAND (SP); fine to medium sand		
5								5
		S2		0.0		Moist, brown gray, gravelly, very sandy SILT (ML); fine to coarse sand, fine to coarse gravel		
			B-34-8 (Soil)	0.0				
				0.0				
				0.0				
10	Hydrated Bentonite Chips							10
	▽ 6/18/2014			0.0		Brick fragments at 11'		
		S3		0.0		Moist, gray CLAY (CL); burnt debris		
			B-34-16 (Soil)	0.0				
				0.0		Moist, gray CLAY (CH); trace coarse sand, 3" of organic silt at lower contact		
		S4		0.0		Moist, red SAND (SP); fine to medium sand, trace fine gravel		
				0.0		Moist, blue gray CLAY (CH); iron oxide staining		
15								15
		S5		0.0		Moist, gray, gravelly, sandy SILT (ML);		
				0.0		Wet, blue gray, gravelly SAND (SP); fine to medium sand		
				0.0		Wet, blue gray, clayey SILT (ML);		
				0.0		Moist, dark brown ORGANIC SILT (OL);		
				0.0		Wet, brown, gravelly, very sandy SILT (ML);		
20								20
		S6		0.0		Wet, gray, gravelly SAND (SW); fine to coarse sand		
			B-34-25 (Soil)	0.0		Wet, brown, gravelly, very sandy SILT (ML); fine to medium sand, iron oxide staining		
			B-34-061814 (Water)	0.0		Wet, brown, gravelly, silty SAND (SM); iron oxide staining		
				0.0		Wet, brown, slightly silty, gravelly SAND (SP-SM); iron oxide staining		
25								25
30								30
							Bottom of boring at 30'	

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 5





# Boring Log

Project Number  
060172

Boring Number  
B-35

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners

Ground Surface Elev. \_\_\_\_\_

Location: Seattle, WA

Driller/Method: Cascade Drilling / Direct-Push Probe

Depth to Water (ft BGS) \_\_\_\_\_

Sampling Method: Continuous Core

Start/Finish Date 6/18/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
0.0				0.0		Asphalt		0
0.0				0.0		Moist, gray brown, gravelly, silty SAND (SM); fine sand		0
0.0		S1		0.0		Moist, orange SAND (SP); trace fine gravel, fine to medium sand		0
0.0				0.0		Becomes gray and gravelly		0
0.0				0.0		Moist, gray, gravelly, sandy SILT (ML); fine to coarse sand, fine to coarse gravel		0
5				0.0				5
5		S2	B-35-5 (Soil)	0.0				5
10	▽ 6/18/2014			0.0				10
10		S3		0.0		Moist, gray, silty CLAY (CL); trace coarse sand, trace organics, blocky structure		10
10				0.0		Moist, gray CLAY (CH); trace coarse sand, numerous organics		10
15	Hydrated Bentonite Chips			0.0		Moist, dark brown, gravelly SAND (SW); burnt debris		15
15		S4	B-35-18 (Soil)	0.0		Moist, gray CLAY (CH); trace coarse sand, numerous organics, 2" bed of ORGANIC SILT (OL) at bottom contact		15
15				0.0		Moist, red SAND (SP); fine to medium sand		15
20				0.0		Moist, gray, gravelly, sandy SILT (ML);		20
20		S5		0.0		Wet, brown, gravelly SAND (SP); medium to coarse sand, iron oxide staining		20
20				0.0		Becomes gray and silty at 21.8'		20
20				0.0		Moist, black/dark brown ORGANIC SILT (OL); trace gravel		20
20				0.0		Very moist to wet, brown, gravelly, very sandy SILT (ML); fine to medium sand		20
25				0.0		Wet, gray, gravelly sand (SP); medium to coarse sand		25
25		S6	B-35-27.5 (Soil) B-35-061814 (Water)	0.0		Very moist to wet, brown, gravelly, very sandy SILT (ML); fine to coarse sand		25
30				0.0		Wet, brown SAND (SP); iron oxide staining, medium to coarse sand		30

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET

○ No Recovery

▽ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 6



# Boring Log

Project Number  
060172

Boring Number  
B-36

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners Ground Surface Elev. \_\_\_\_\_  
 Location: Seattle, WA  
 Driller/Method: Cascade Drilling / Direct-Push Probe Depth to Water (ft BGS) \_\_\_\_\_  
 Sampling Method: Continuous Core Start/Finish Date 6/18/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
						Asphalt		
		S1	B-36-2.5 (Soil)	0.0			Moist, gray, gravelly, very sandy SILT (ML); fine to coarse sand, fine gravel	
5				0.0			3" layer of well graded sand at 2.5'	5
		S2		0.0				
10	Hydrated Bentonite Chips			0.0				10
	▽ 6/18/2014	S3		0.0				
15		S4	B-36-16.5 (Soil)	0.0			Moist, gray CLAY (CH); trace coarse sand	15
				0.0			Moist, brown, gravelly SAND (SW);	
				0.0			Moist, gray CLAY (CH); trace coarse sand	
				0.0			Moist, black, charcoal, burnt debris	
20		S5		0.0			Very moist, gray CLAY (CH); trace coarse sand, trace gravel	20
				0.0			Very moist, brown gray, silty SAND (SM);	
				0.0			Wet, brown, gravelly SAND (SP); predominantly fine to medium sand, fine gravel	
25		S6	B-36-24 (Soil)	0.0			Moist, blue gray CLAY (CH);	25
				0.0			Moist, black ORGANIC SILT (OL);	
				0.0			Wet, brown, gravelly, very sandy SILT (ML);	
			B-36-061814 (Water)	0.0				
				0.0			Wet, brown SAND (SP); fine to medium sand	
30							Bottom of boring at 30'	30

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 7



# Boring Log

Project Number  
060172

Boring Number  
B-37

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners

Ground Surface Elev. \_\_\_\_\_

Location: Seattle, WA

Driller/Method: Cascade Drilling / Direct-Push Probe

Depth to Water (ft BGS) \_\_\_\_\_

Sampling Method: Continuous Core

Start/Finish Date 6/18/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
0.0				0.0		Asphalt		
0.0				0.0			Moist, brown gray, sandy, gravelly SILT (ML); predominantly fine, fine gravel, orange mottling	
0.0		S1		0.0				
0.0				0.0			Moist, brown, slightly silty SAND (SP-SM); fine to medium sand	
0.0				0.0			Moist, gray, gravelly, sandy SILT (ML); fine to coarse sand, fine gravel, diamictic fabric	
5				0.0			Moist, gray, gravelly, sandy, clayey SILT (ML);	5
0.0		S2	B-37-8 (Soil)	0.0				
0.0				0.0			Grades to moist gray, gravelly, silty SAND (SM); medium sand, fine gravel	
10	Hydrated Bentonite Chips			0.0				10
0.0		S3		0.0				
0.0				0.0			Moist, brown, gravelly SAND (SW); fine to coarse sand	
0.0				0.0			Moist, gray, silty CLAY (CH); trace coarse sand	
15				0.0				15
0.0		S4	B-37-17.5 (Soil)	0.0				
0.0				0.0			Moist, brown, gravelly SAND (SW); fine to coarse sand, wood at lower contact	
0.0				0.0			Moist, gray CLAY (CH);	
0.0				0.0			Moist, black ORGANIC SILT (OL);	
0.0				0.0			Moist, red SAND (SP); fine to medium sand	20
0.0				0.0			Moist, black charcoal-burnt debris	
0.0				0.0			Moist, gray, sandy, gravelly SILT (ML);	
0.0		S5		0.0				
0.0				0.0			Wet, brown, slightly gravelly SAND (SP); fine to medium sand, fine gravel	
0.0				0.0			Becomes blue gray	
0.0				0.0			2" layer of moist, gray blue, CLAY (CH) at lower contact	
0.0				0.0			Moist, dark brown ORGANIC SILT (OL); trace gravel	25
0.0		S6	B-37-061814 (Water)	0.0				
0.0				0.0			Wet, brown, gravelly, very sandy SILT (ML); fine to coarse sand, fine gravel	25
0.0				0.0			Grades to moist, brown, slightly silty, gravelly SAND (SP-SM); fine to medium sand, iron oxide staining	
30				0.0				30
							Bottom of boring at 30'	

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET

○ No Recovery

▼ Static Water Level

Approved by: JJP

■ Continuous Core

▽ Water Level (ATD)

Figure No. A - 8



# Boring Log

Project Number  
060172

Boring Number  
B-38

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners Ground Surface Elev. \_\_\_\_\_  
 Location: Seattle, WA  
 Driller/Method: Cascade Drilling / Direct-Push Probe Depth to Water (ft BGS) \_\_\_\_\_  
 Sampling Method: Continuous Core Start/Finish Date 6/18/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
				0.0		Asphalt		
				0.0		Moist, orange SAND (SP); fine to medium sand		
		S1		0.0		Moist, gray, gravelly, sandy SILT (ML); fine to medium sand, fine to coarse gravel		
				0.0		No recovery		
5				0.0		Moist, gray, gravelly, sandy SILT (ML); fine to medium sand, fine to coarse gravel, trace organics		5
		S2	B-38-6.5 (Soil)	0.0				
				0.0				
				0.0				
10	Hydrated Bentonite Chips			0.0				10
		S3		0.0		Moist, gray, silty CLAY (CL); trace coarse sand, trace gravel, trace organics		
				0.0				
15				0.0		Moist, gray CLAY (CH); trace organics		15
				0.0		Moist, dark gray SAND (SW); fine to coarse sand		
				0.0		Moist, gray CLAY (CH); trace organics		
		S4	B-38-16 (Soil)	0.0		Moist, black ORGANIC SILT (OL);		
				0.0				
20				0.0		Moist, gray CLAY (CH); trace coarse sand, trace organics		20
				0.0				
		S5		0.0		Very moist to wet, interbedded, brown SAND (SP) and gray SILT (ML); 2" layer of ORGANIC SILT (OL) at lower contact		
				0.0		Very moist to wet, brown, gravelly, very sandy SILT (ML);		
25				0.0		Becomes wet with iron oxide staining		25
				0.0				
		S6	B-38-25 (Soil) B-38-061814 (Water)	0.0				
				0.0		Wet, brown, gravelly, silty SAND (SM); fine to medium sand, iron oxide staining		
30				0.0				30
							Bottom of boring at 30'	

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 9



# Boring Log

Project Number  
060172

Boring Number  
B-39

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners

Ground Surface Elev. \_\_\_\_\_

Location: Seattle, WA

Driller/Method: Cascade Drilling / Direct-Push Probe

Depth to Water (ft BGS) \_\_\_\_\_

Sampling Method: Continuous Core

Start/Finish Date 6/18/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
				0.0		Asphalt		
				0.0			Moist, orange SAND (SP); fine to medium sand	
		S1		0.0			Moist, gray, gravelly, sandy SILT (ML); Becomes mottled gray and brown, very sandy	
5				0.0				5
		S2	B-39-7 (Soil)	0.0			Becomes dark brown with charcoal and brick fragments	
10	Hydrated Bentonite Chips			0.0				10
		S3		0.0			Moist, brown, slightly gravelly SAND (SP); fine to medium sand	
				0.0			Moist, brown, gravelly, silty SAND (SM); fine to medium sand	
				0.0			Moist, gray, gravelly, sandy SILT (ML);	
15				0.0			Becomes clayey at 15'	15
		S4	B-39-16 (Soil)	0.0			Moist, gray, silty CLAY (CL); trace gravel	
				0.0			Moist, gray CLAY (CH); trace coarse sand	
				0.0			Moist, dark brown to black, ORGANIC SILT (OL); trace gravel	
				0.0			Moist, gray blue CLAY (CH); trace coarse sand	
20				0.0			Moist, gray blue, silty SAND (SM); medium sand	20
				0.0			Moist, black ORGANIC SILT (OL); trace gravel	
		S5		0.0			Moist, brown to dark brown, sandy SILT (ML); trace gravel, fine to coarse sand	
				0.0			Becomes gravelly and clayey, with iron oxide staining	
25	▽ 6/18/2014			0.0			Moist, brown, slightly gravelly, slightly silty SAND (SP-SM); fine to medium sand	25
				0.0			Wet, brown, gravelly, sandy SILT (ML); iron oxide staining	
		S6	B-39-27 (Soil)	0.0			Wet, brown, gravelly SAND (SW); fine to coarse sand, fine gravel, iron oxide staining	
				0.0			Wet, brown, gravelly, sandy SILT (ML); iron oxide staining	
			B-39-061814 (Water)	0.0			Wet, brown, gravelly SAND (SW); fine to coarse sand, fine gravel, iron oxide staining	
30				0.0			Wet, brown, gravelly, silty SAND (SM); fine to medium sand, iron oxide staining	30
							Bottom of boring at 30'	

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 10



# Boring Log

Project Number  
060172

Boring Number  
B-40

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners Ground Surface Elev. \_\_\_\_\_  
 Location: Seattle, WA  
 Driller/Method: Cascade Drilling / Direct-Push Probe Depth to Water (ft BGS) \_\_\_\_\_  
 Sampling Method: Continuous Core Start/Finish Date 6/19/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
				0.0		Asphalt		
		S1	B-40-4.5 (Soil)	0.0		Moist, brown, slightly gravelly SAND (SP); fine to medium sand, fine to coarse gravel, trace silt, trace organics		
5				0.0		Moist, gray, slightly sandy SILT (ML); trace fine gravel, numerous organics Brick fragments at 4'		5
		S2	B-40-17.5 (Soil)	0.0		Becomes brown at 7.5'		
				0.0				
10	Hydrated Bentonite Chips	S3	B-40-17.5 (Soil)	0.0		Becomes clayey at 13'		10
				0.0				
15		S4	B-40-17.5 (Soil)	0.0		Moist, dark brown, ORGANIC SILT (OL); trace gravel Moist, brown, gravelly SAND (SP); fine to medium sand, fine to coarse gravel		
				0.0				
20	▽ 6/19/2014	S5	B-40-27 (Soil) B-40-061914 (Water)	0.0		Wet, brown, gravelly SAND (SW); fine to coarse sand, fine to coarse gravel		20
				0.0		Wet, brown, gravelly, silty SAND (SM); Wet, brown, very gravelly SAND (SP); fine to medium sand, fine gravel, trace silt		
25		S6	B-40-27 (Soil) B-40-061914 (Water)	0.0		Wet, brown, slightly gravelly SAND (SW); fine to coarse sand, fine gravel		25
				0.0		Wet, brown, slightly gravelly SAND (SP); fine to medium sand, fine gravel, trace silt		
30				0.0		Bottom of boring at 30'		30

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 11



# Boring Log

Project Number  
060172

Boring Number  
B-41

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners

Ground Surface Elev. \_\_\_\_\_

Location: Seattle, WA

Driller/Method: Cascade Drilling / Direct-Push Probe

Depth to Water (ft BGS) \_\_\_\_\_

Sampling Method: Continuous Core

Start/Finish Date 8/19/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
				0.0		Asphalt		
				0.0		Moist, brown, gravelly SAND (SP); trace silt		
		S1		0.0		Moist, gray, gravelly, sandy SILT (ML); brick debris at 2'		
5			B-41-6 (Soil)	0.0		Moist, dark brown to brown, gravelly SAND (SP); fine sand		5
		S2		0.0		Moist, gray SAND (SP); fine to medium sand, trace gravel		
				0.0		Moist, gray, gravelly, sandy SILT (ML); fine sand		
				0.0		Moist, gray GRAVEL (GP); coarse crushed rock		
10	Abandoned with bentonite chips			0.0		Moist, gray, gravelly, sandy SILT (ML); fine sand		10
		S3		0.0		Moist, gray, silty CLAY (CL); trace gravel		
15			B-41-17 (Soil)	0.0		Moist, gray, very clayey SILT (CL-ML);		15
		S4		0.0		Wet, red brown SAND (SP); fine to medium sand, black mottling		
				0.0		Moist, gray, silty CLAY (CL);		
				0.0		Moist, brown SAND (SP); fine to medium sand, trace gravel, trace silt		
20				0.0		Moist, brown, slightly gravelly, silty SAND (SM); fine to medium sand		
		S5		0.0		Moist, gray, sandy SILT (ML);		
				0.0		Moist, dark brown, ORGANIC SILT (OL);		
				0.0		Wet, brown, slightly gravelly SAND (SP);		
				0.0		Moist, gray, clayey SILT (ML); red brown mottling		
25				0.0		Moist, brown, gravelly, sandy SILT (ML);		
		S6	B-41-27.5 (Soil) B-41-081914 (Water)	0.0		Becomes wet at 25' bgs		25
				0.0		Wet, gray SAND (SP); trace gravel, brown mottling		
				0.0		Very moist, gray SILT (ML); orange brown mottling		
				0.0		Wet, brown, gravelly, silty SAND (SM); fine to medium sand		
30				0.0		Bottom of boring at 30' bgs. Groundwater sample collected using a drive point screen assembly placed from 26'-30' bgs		30

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET, SMB

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 12



# Boring Log

Project Number  
060172

Boring Number  
B-42

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners

Ground Surface Elev. \_\_\_\_\_

Location: Seattle, WA

Driller/Method: Cascade Drilling / Direct-Push Probe

Depth to Water (ft BGS) \_\_\_\_\_

Sampling Method: Continuous Core

Start/Finish Date 8/19/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
0				0.0		Asphalt		0
0				0.0		Very moist, brown, slightly gravelly SAND (SP); fine to medium sand, trace silt		0
0		S1		0.0		Moist, gray, gravelly, sandy SILT (ML); Becomes brown at 2' bgs		0
5			B-42-5 (Soil)	0.0		Becomes gray at 5' bgs		5
5		S2		0.0		Moist, black, sandy ORGANIC SILT (OL); organics appear burnt, possibly charcoal		5
5				0.0		Moist, gray, clayey SILT (ML); 3" of gravelly silt at 7' bgs		5
10	Abandoned with bentonite chips			0.0		Moist, gray GRAVEL (GP); fine gravel		10
10		S3		0.0		Moist, gray, sandy SILT (ML); trace gravel		10
10				0.0		Moist, gray, clayey SILT (ML); scattered organics		10
15				0.0				15
15		S4	B-42-16.5 (Soil)	0.0		Moist, red brown SAND (SP);		15
15				0.0		Moist, gray, clayey SILT (ML);		15
15				0.0		Moist, gray SAND (SP); fine to medium sand		15
20				0.0				20
20		S5		0.0		Moist, gray, sandy, gravelly SILT (ML);		20
20				0.0		Wet, brown, slightly gravelly, silty SAND (SM); fine to medium sand		20
20				0.0		Moist, brown, clayey SILT (ML); trace gravel		20
25				0.0		Moist, brown, slightly silty to silty, gravelly SAND (SW-SM); fine to coarse sand		25
25		S6	B-42-26 (Soil), B-42-081914 (Water)	0.0		Wet, brown SAND (SP); fine to medium sand		25
25				0.0		Very moist, brown, gravelly, very sandy SILT (ML);		25
25				0.0		Wet, brown, gravelly silty SAND (SM); fine to medium sand		25
30				0.0		Bottom of boring, refusal at 28' bgs. Groundwater sample collected using a drive point screen assembly placed from 24-28' bgs		30

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET, SMB

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 13





### Boring Log

Project Number  
060172

Boring Number  
B-43

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners Ground Surface Elev. \_\_\_\_\_  
 Location: Seattle, WA  
 Driller/Method: Cascade Drilling / Direct-Push Probe Depth to Water (ft BGS) \_\_\_\_\_  
 Sampling Method: Continuous Core Start/Finish Date 8/19/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
				0.0		Asphalt debris		
				0.3		Moist, brown SAND (SP); trace gravel, medium sand		
		S1				Moist, dark brown, silty SAND (SM); Slight odor from 2' to 6' bgs		
5			B-43-5 (Soil)	1.2		Moist, gray, sandy SILT (ML); Becomes gray-brown, slightly sandy with trace gravel		5
		S2		0.5				
				0.1				
				0.0				
10	Abandoned with bentonite chips			0.0				10
		S3		0.0		Brick debris at 12' bgs		
				0.0				
15				0.0				15
		S4	B-43-17 (Soil)	0.2		Moist, dark brown to black, silty SAND (SM); abundant glass, brick, wood, charcoal, debris		
				0.1				
				0.0				
20	▼ 8/19/2014			0.0		Very moist, dark brown, sandy SILT (ML); Wet, brown, slightly gravelly SAND (SP); fine to medium sand		20
		S5		0.0		Very moist to wet, brown gray, slightly gravelly SILT (ML); orange mottling		
				0.0		Wet, brown SAND (SW); fine to coarse sand		
				0.0		Wet, brown, gravelly, very sandy SILT (ML); fine to medium sand		
25				0.0		Wet, brown, gravelly SAND (SP); fine to medium sand, predominantly medium		25
		S6	B-43-26 (Soil) B-43-081914 (Water)	0.0		Moist, brown, slightly gravelly, very sandy SILT (ML); fine to medium sand		
				0.0		Moist, brown, slightly gravelly, silty SAND (SM);		
				0.0		Moist, brown, slightly gravelly, very sandy SILT (ML);		
30				0.0		Wet, brown SAND (SP); fine to medium sand		30
						Bottom of boring at 30' bgs. Groundwater sample collected using a drive point screen assembly placed from 25-29' bgs		

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET, SMB

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 14



# Boring Log

Project Number  
060172

Boring Number  
B-44

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners Ground Surface Elev. \_\_\_\_\_  
 Location: Seattle, WA  
 Driller/Method: Cascade Drilling / Direct-Push Probe Depth to Water (ft BGS) \_\_\_\_\_  
 Sampling Method: Continuous Core Start/Finish Date 8/19/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
0						Asphalt		0
0.0				0.0			Moist, brown, slightly gravelly SAND (SP); fine to medium sand, trace silt	0.0
0.0		S1		0.0				0.0
5				0.0				5
0.0				0.0				0.0
0.0		S2	B-44-7 (Soil)	0.0			Wet, gray, sandy SILT (ML); trace gravel, trace organics	0.0
0.0				0.0				0.0
10	Abandoned with bentonite chips			0.0			Becomes moist	10
0.0				0.0				0.0
0.0		S3		0.0			Brick fragments at 12' bgs	0.0
0.0				0.0				0.0
0.0				0.0			Woody debris at 14.5' bgs	0.0
15				0.0				15
0.0				0.0			Moist, black ORGANIC SILT (ML); possibly charcoal	0.0
0.0		S4	B-44-17.5 (Soil)	0.0			Wet, dark gray, sandy SILT (ML); fine sand	0.0
0.0				0.0			Moist, brown gray, silty SAND (SM); trace gravel, iron oxide staining	0.0
0.0				0.0			Moist, brown, gravelly sandy SILT (ML); orange gray mottling	0.0
0.0		S5		0.0				0.0
0.0				0.0			Gray, moist, gravelly, silty SAND (SM);	0.0
0.0				0.0			Moist, gray, slightly gravelly SAND (SP); fine to medium sand Becomes wet at 25' bgs	0.0
25	▼ 8/19/2014			0.0				25
0.0				0.0				0.0
0.0		S6	B-44-26.5 (Soil) B-44-081914 (Water)	0.0			Moist, brown, gravelly, sandy SILT (ML); fine to coarse sand	0.0
0.0				0.0			Wet, brown SAND (SP); fine to medium sand	0.0
0.0				0.0			Bottom of boring at 30' bgs. Groundwater sample collected using a drive point screen assembly placed from 26-30' bgs	0.0
30				0.0				30

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET, SMB

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 15



# Boring Log

Project Number  
060172

Boring Number  
B-45

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners Ground Surface Elev. \_\_\_\_\_  
 Location: Seattle, WA  
 Driller/Method: Cascade Drilling / Direct-Push Probe Depth to Water (ft BGS) \_\_\_\_\_  
 Sampling Method: Continuous Core Start/Finish Date 8/19/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
1				0.0		Asphalt		
1				3.2		Moist, brown SAND (SP); fine to medium sand		1
2			B-45-2 (Soil)	6.0		Moist, blue gray, SILT (ML); trace gravel		2
2		S1		0.0		Slight odor at 2' bgs		
3						Moist GRAVEL (GP); crushed rock		3
4								4
5				0.3		Moist, blue gray, gravelly, sandy SILT (ML);		5
6				0.3				6
7				0.1		Moist, brown gray, gravelly, very silty SAND (SM);		7
8		S2						8
9								9
10	Abandoned with bentonite chips			0.0				10
11				0.0		Moist, black, gravelly SAND (SP); fine to medium sand		11
12				0.0		Moist, gray, gravelly, sandy SILT (ML);		12
13		S3						13
14								14
15								15
16			B-45-15.5 (Soil)	0.4				16
17				0.0				17
18		S4		0.0		Moist, dark brown to black ORGANIC SILT (OL); trace sand, trace silt		18
19				0.0		Moist, brown, slightly gravelly, slightly silty SAND (SP-SM);		19
20				0.0		Moist, dark gray, slightly gravelly, very sandy SILT (ML);		20
21				0.0		Moist, gray brown, gravelly, very silty SAND (SM); fine to medium sand		21
22		S5		0.0				22
23								23
24								24
25								25
26			B-45-081914 (Water)	0.0				26
26		S6	B-45-26 (Soil)	0.0		Wet, brown SAND (SW); fine to coarse sand, trace silt		26
27				0.0		Moist, brown, slightly gravelly, very silty SAND (SM); fine to medium sand		27
28						Bottom of boring, refusal at 27.5' bgs. Groundwater sample collected using a drive point screen assembly placed from 23.5-27.5' bgs		28
29								29

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET, SMB

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 16



# Boring Log

Project Number  
060172

Boring Number  
B-46

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners Ground Surface Elev. \_\_\_\_\_  
 Location: Seattle, WA  
 Driller/Method: Cascade Drilling / Direct-Push Probe Depth to Water (ft BGS) \_\_\_\_\_  
 Sampling Method: Continuous Core Start/Finish Date 8/19/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
1				0.0		Asphalt		1
2		S1		0.0			Moist, brown, slightly silty, gravelly SAND (SP-SM); fine to medium sand	2
3				0.0			Moist, brown, slightly gravelly SAND (SP); fine to medium sand, fine gravels	3
4								4
5								5
6				0.0				6
7		S2	B-46-6.5 (Soil)	2.2 0.3 0.1			Moist, gray, gravelly, sandy SILT (ML); with 2" bed of charcoal at 6.5'	7
8								8
9								9
10	Abandoned with bentonite chips			0.0				10
11				0.0			Wet, brown, slightly gravelly SAND (SP); fine to medium sand	11
12		S3		0.0				12
13				0.0			Moist, dark brown, ORGANIC	13
14				0.0			Moist, gray, gravelly, sandy SILT (ML);	14
15				0.0			Moist, black, gravelly SILT (ML); burnt appearance	15
16				0.0			Moist to wet, brown gray, slightly gravelly, very silty SAND (SM);	16
17		S4	B-46-16 (Soil)	0.0			Moist, brown gray, slightly gravelly, sandy SILT (ML); mottled orange	17
18								18
19								19
20				0.0			Wet, brown, slightly gravelly SAND (SP); fine to medium sand	20
21				0.0			Wet, brown, slightly gravelly, very sandy SILT (ML);	21
22		S5		0.0			Wet, brown, slightly gravelly SAND (SP); fine to medium sand	22
23				0.0				23
24				0.0			Moist, brown, slightly gravelly, very silty SAND (SM);	24
25				0.0				25
26		S6	B-46-25 (Soil) B-46-081914 (Water)	0.0			Wet, brown, slightly gravelly sandy SILT (ML);	26
27				0.0			Wet, brown, slightly gravelly SAND (SP); fine to medium sand	27
28				0.0			Moist, brown, slightly sandy SILT (ML); trace gravel	28
29							Bottom of boring, refusal at 28' bgs. Groundwater sample collected using a drive point screen assembly placed from 24-28' bgs	29

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET, SMB

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

∇ Water Level (ATD)

Figure No. A - 17



# Boring Log

Project Number  
060172

Boring Number  
B-47

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners

Ground Surface Elev. \_\_\_\_\_

Location: Seattle, WA

Driller/Method: Cascade Drilling / Direct-Push Probe

Depth to Water (ft BGS) \_\_\_\_\_

Sampling Method: Continuous Core

Start/Finish Date 10/9/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
0.0				0.0		Asphalt		
0.0				0.0		Moist, brown SAND (SP); medium sand		
						Moist, gray to dark gray, gravelly SILT (ML)		
		S1		0.0		Crushed brick		
						Moist, dark gray SILT (ML); white fibrous debris, burnt appearance		
5				0.0		Trace fine gravel at 5'		5
		S2	B-47-8 (Soil)	0.0		Moist, gray SILT (ML); numerous wood chips		
						Very moist, blue gray, clayey SILT (ML-CL); numerous wood fibers		
10	Abandoned with bentonite chips			0.0		Moist, brown, gravelly, sandy SILT (ML); fine sand		10
		S3		0.0		Moist, brown SAND (SP); trace gravel, medium sand		
15				0.0		Moist, gray, clayey SILT (ML-CL)		15
		S4	B-47-17 (Soil)	0.0		Moist, brown, gravelly SILT (ML), interbedded with moist, brown SAND (SP); alternating in 3-in beds		
20				0.0		Moist, gray, gravelly SILT (ML)		20
	∇ 10/9/2014	S5		0.0		Moist, brown SAND (SP); fine to medium sand		
						Grades to moist, gray, slightly silty SAND (SP-SM)		
						Grades to wet, dark brown, organic SILT (OL)		
25				0.0		Very dense, moist, brown, gray, and iron oxide stain mottled SILT (ML)		25
		S6	B-47-27 (Soil) B-47-100914 (Water)	0.0		Wet, gray SAND (SP); fine to medium sand		
						Wet, gray, slightly silty SAND (SP-SM)		
						Very dense, moist, brown and gray, gravelly SILT (ML); iron oxide staining and mottling		
30				0.0		Bottom of boring at 30' bgs. Groundwater sample collected using a drive point screen assembly placed from 26'-30' bgs		30

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET

○ No Recovery

∇ Static Water Level

Approved by: JJP

▬ Continuous Core

∇ Water Level (ATD)

Figure No. A - 18



# Boring Log

Project Number  
060172

Boring Number  
B-48

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners

Ground Surface Elev. \_\_\_\_\_

Location: Seattle, WA

Driller/Method: Cascade Drilling / Direct-Push Probe

Depth to Water (ft BGS) \_\_\_\_\_

Sampling Method: Continuous Core

Start/Finish Date 10/9/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
				0.0		Asphalt		
				0.0		Moist, brown SAND (SP); medium to coarse sand		
				0.0		Moist, brown GRAVEL (GP); with crushed rock		
		S1		0.0		Crushed brick		
				0.0		Moist, brown, gravelly, silty SAND (SM)		
				0.0		Crushed concrete		
5			B-48-5 (Soil)	0.0		Moist, gray, gravelly, sandy SILT (ML)		5
		S2		0.0		Moist, gray, clayey SILT (CL-ML); trace gravel, scattered organics		
				0.0				
				0.0				
10	Abandoned with bentonite chips			0.0				10
		S3		0.0		Moist, brown, gravelly SILT (ML);		
				0.0		Moist, black SAND (SP); burnt appearance		
				0.0		Moist, gray, gravelly, very silty SAND (SM);		
15			B-48-16 (Soil)	0.0		Moist, brown, slightly gravelly SAND (SP); medium sand		15
		S4		0.0		Moist, gray, clayey SILT (ML), with frequent, very thin SAND (SP) beds		
				0.0				
				0.0				
20				0.0		Moist, gray, clayey SILT (ML)		20
		S5		0.0		Moist, brown, slightly gravelly SAND (SP); medium sand		
	▽ 10/9/2014			0.0		Very moist, brown, sandy GRAVEL (GP); abundant wood		
				0.0		Wet, gray SAND (SP); fine to medium sand		
				0.0		Grades to wet, dark brown, sandy SILT (ML)		
25			B-48-26 (Soil)	0.0		Wet, gray, silty SAND (SM); medium sand, grades to dark brown at 25.5'		25
		S6		0.0		Wet, dark brown, clayey SILT (CL-ML)		
			B-48-100914 (Water)	0.0		Very dense, moist, brown and gray, gravelly SILT (ML); iron oxide stain and mottling		
30						Bottom of boring at 30' bgs. Groundwater sample collected using 3/4-inch 10-slot PVC screen placed 25'-30' bgs		30

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 19



# Boring Log

Project Number  
060172

Boring Number  
B-49

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners

Ground Surface Elev. \_\_\_\_\_

Location: Seattle, WA

Driller/Method: Cascade Drilling / Direct-Push Probe

Depth to Water (ft BGS) \_\_\_\_\_

Sampling Method: Continuous Core

Start/Finish Date 10/9/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
						Asphalt		
				0.0			Moist, brown, sandy GRAVEL (GP); with brick debris	
		S1	B-49-2.5 (Soil)	0.0			Moist, brown gray SILT (ML);	
5				0.0			Becomes clayey with trace organics	5
		S2		0.0				
	Abandoned with bentonite chips			0.0				
10		S3		0.0			Moist, brown, slightly gravelly SAND (SP); predominantly medium sand	10
				0.0				
15		S4	B-49-18 (Soil)	0.0			Moist, brown, sandy GRAVEL (GP)	15
				0.0			Moist, gray, gravelly SILT (ML); blocky fracture, weathering in cracks	
				0.0			Moist, brown SAND (SP); medium sand	
				0.0			Moist, gray SILT (ML)	
				0.0			Moist, brown, gravelly SAND (SP)	
20		S5		0.0			Very moist to wet, dark brown, clayey SILT (CL-ML); numerous wood chunks	20
				0.0				
25		S6	B-49-27 (Soil)	0.0			Very moist, dark brown, gravelly SILT (ML)	25
				0.0			Very dense, moist, brown, gray, gravelly SILT (ML); iron oxide staining and mottling	
30				0.0			Bottom of boring at 30' bgs. Groundwater sample not collected due to lack of water within formation	30

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 20



# Boring Log

Project Number  
060172

Boring Number  
B-50

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners

Ground Surface Elev. \_\_\_\_\_

Location: Seattle, WA

Driller/Method: Cascade Drilling / Direct-Push Probe

Depth to Water (ft BGS) \_\_\_\_\_

Sampling Method: Continuous Core

Start/Finish Date 10/9/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
				0.0		Asphalt		
				0.0		Moist, brown SAND (SP); fine to medium sand		
		S1		0.0		Moist, gray, sandy, very silty GRAVEL (GM); fine sand, coarse gravel		
				0.0		Brick debris		
5			B-50-6 (Soil)	0.0		Moist, gray, slightly gravelly SILT (ML); fine sand		5
		S2		0.0				
	Abandoned with bentonite chips			0.0				
10				0.0		Grades to moist, gray, clayey SILT (CL-ML); trace organics		10
		S3		0.0				
15				0.0		Moist, blue gray CLAY (CL); trace organics		15
		S4	B-50-17 (Soil)	0.0		Moist, brown, gravelly SAND (SP); trace charcoal		
20				0.0		Moist, gray SILT (ML); numerous wood chunks		20
		S5	B-50-22 (Soil)	0.0		Moist, dark brown, slightly gravelly, organic SILT (OL)		
				0.0		Moist, blue gray, very silty SAND (SM)		
		S6		0.0		Very dense, moist, brown, gray, iron oxide stain mottled, gravelly SILT (ML)		
25				0.0				25
30				0.0				30
							Bottom of boring at 30' bgs. Groundwater sample not collected due to lack of water within formation	

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET

○ No Recovery

▼ Static Water Level

Approved by: JJP

■ Continuous Core

▽ Water Level (ATD)

Figure No. A - 21





# Boring Log

Project Number  
060172

Boring Number  
B-51

Sheet  
1 of 1

Project Name: Spic 'n Span Cleaners

Ground Surface Elev. \_\_\_\_\_

Location: Seattle, WA

Driller/Method: Cascade Drilling / Direct-Push Probe

Depth to Water (ft BGS) \_\_\_\_\_

Sampling Method: Continuous Core

Start/Finish Date 10/9/2014

Depth / Elevation (feet)	Borehole Completion	Sample Type/ID	Tests	PID (ppm)	Blows/ 6"	Material Type	Description	Depth (ft)
0						Asphalt		0
0.0				0.0		Moist, brown gravelly SAND (SP); fine to medium sand, fine to coarse gravel		0.0
0.0		S1	B-51-3.5 (Soil)	0.0		Moist, brown, gravelly SILT (ML);		0.0
5				0.0		Moist, brown, slightly gravelly SAND (SP); medium sand		5
0.0		S2		0.0		Moist brown, slightly gravelly, silty SAND (SM); fine sand		0.0
0.0				0.0		Moist, brown SAND (SP); medium sand		0.0
0.0				0.0		Moist, gray brown, gravelly SILT (ML);		0.0
0.0				0.0		Moist, brown, SAND (SP); medium sand		0.0
10	Abandoned with bentonite chips			0.0		Trace fine gravel at 10'		10
0.0		S3		0.0		Brick debris		0.0
0.0				0.0		Moist, gray, slightly clayey SILT (ML);		0.0
15				0.0		Moist, black, gravelly SAND (SP); with charcoal		15
0.0		S4	B-51-17 (Soil)	0.0		Moist, dark brown, gravelly, sandy SILT (ML);		0.0
0.0				0.0		Very dense, moist, brown, slightly gravelly, slightly clayey SILT (ML);		0.0
20				0.0		Becomes very gravelly at 20'		20
0.0		S5		0.0		Wet, brown, silty, very gravelly SAND (SM); medium sand		0.0
0.0				0.0		Very moist, brown, gravelly, sandy SILT (ML); fine gravel, fine sand		0.0
0.0				0.0		Wet, brown, gravelly, silty SAND (SM); fine to medium sand		0.0
25				0.0		Moist, brown, gravelly, very silty SAND (SM) to very sandy SILT (ML); fine sand, fine gravel		25
0.0		S6	B-51-27 (Soil) B-51-100914 (Water)	0.0		Wet, brown, slightly gravelly SAND (SW); fine to coarse sand, fine gravel		0.0
0.0				0.0		Very dense, very moist, brown, gravelly, sandy SILT (ML), fine to medium sand		0.0
30				0.0		Bottom of boring at 30' bgs. Groundwater sample collected using a drive point screen assembly placed from 26'-30' bgs		30

Sampler Type:

PID - Photoionization Detector (Headspace Measurement)

Logged by: AET

○ No Recovery

▼ Static Water Level

Approved by: JJP

▬ Continuous Core

▽ Water Level (ATD)

Figure No. A - 22



## **ATTACHMENT B**

### **Hydraulic Testing**

**Table B.1 - Aquifer Hydraulic Conductivity Estimates from Slug Tests**

060172 Spic n' Span

Monitoring Well	MW-2R			MW-3R			VE-1R		
Well Depth in Feet	30.3			30.2			30.3		
Screen Length in Feet	20.0			20.0			20.0		
Depth to Screen in Feet	10.0			10.0			10.0		
Depth to Aquitard in Feet	30			30			30		
Depth to Water in Feet	21.84			21.61			23.20		
Depth to Sandpack in Feet	5.0			5.0			5.0		
Slug Displacement ( $H_0$ ) in Feet	1.35	1.23	1.36	1.33	1.52	1.13	1.30	1.27	1.27
Porosity (n)	0.20			0.20			0.20		
Radius of Casing ( $r_c$ ) in Feet	0.08			0.08			0.08		
Effective Casing Radius ( $r_{ec}$ ) in Feet	0.06	0.06	0.06	0.05	0.06	0.05	0.04	0.04	0.04
Radius of Borehole ( $r_w$ ) in Feet	0.33			0.33			0.33		
Saturated Aquifer Thickness (H) in Feet	8.6			8.7			7.1		
Saturated Well Thickness ( $L_w$ ) in Feet	8.2			8.4			6.8		
Effective Radius ( $r_{eff}$ ) in Feet	0.16	0.16	0.16	0.15	0.16	0.15	0.15	0.15	0.15
Effective Screen Length ( $L_e$ ) in Feet	8.2			8.4			6.8		
Slug Size	4 x1.5"	4 x1.5"	4 x1.5"	4 x1.5"	4 x1.5"	4 x1.5"	4 x1.5"	4 x1.5"	4 x1.5"
Rising/Falling Head Test	Rising	Rising	Rising	Rising	Rising	Rising	Rising	Rising	Rising
Fully Submerged Sandpack	No	No	No	No	No	No	No	No	No
Transiently Exposed Sandpack	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Transiently Exposed Screen	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Partially Submerged Screen	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Bouwer and Rice Analysis Parameters</b>									
Normalized Head at $t_1$ ( $y_1$ ) in Feet	0.09	0.09	0.09	0.12	0.10	0.13	0.14	0.14	0.16
Time - $t_1$ in Seconds	30.0	30.0	30.0	52.3	45.0	45.0	60.0	60.0	60.0
Normalized Head at $t_2$ ( $y_2$ ) in Feet	0.06	0.07	0.07	0.08	0.06	0.07	0.06	0.05	0.08
Time - $t_2$ in Seconds	54.5	49.5	49.3	89.9	90.1	90.1	119.3	140.0	119.0
$L_e/r_w$	24.7	24.7	24.7	24.7	24.7	24.7	20.6	20.6	20.6
Coefficient A <sup>a</sup>	2.30	2.30	2.30	2.30	2.30	2.30	2.17	2.17	2.17
Coefficient B <sup>a</sup>	0.36	0.36	0.36	0.36	0.36	0.36	0.34	0.34	0.34
Coefficient C <sup>a</sup>	1.7	1.7	1.7	1.74	1.74	1.74	1.6	1.6	1.6
$\ln(R_e/r_w)$ <sup>b</sup>	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
<b>Calculated K in cm/sec</b>	1.5E-03	1.4E-03	1.4E-03	1.1E-03	1.1E-03	1.3E-03	1.6E-03	1.6E-03	1.5E-03
<b>Calculated K in ft/day</b>	4.3	4.1	4.0	3.1	3.1	3.7	4.5	4.6	4.2
<b>Geometric Mean K in ft/day</b>	4.1			3.3			4.4		
<b>Aquifer Geometric Mean K in ft/day</b>	3.9								

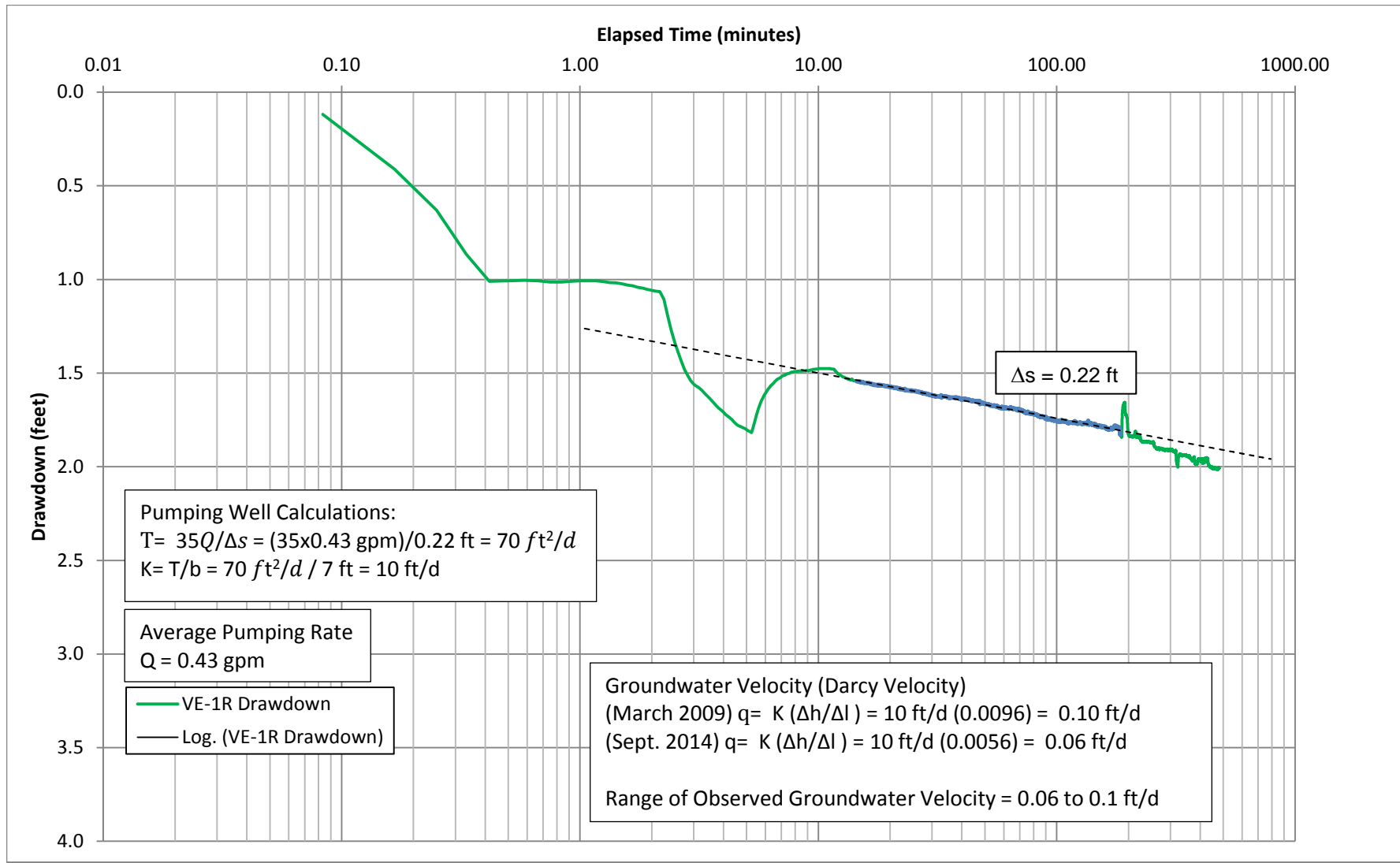
Data analysis by method of Bouwer and Rice (1976; 1989) using Butler (1998) unconfined modifications

Bold values are entered from field data and other values are calculated.

All depths are below ground surface

<sup>a</sup> The Bouwer and Rice A, B, and C coefficients are calculated using regression equations of Van Rooy (1988).

<sup>b</sup>  $R_e/r_w$  is the effective radial distance over which  $y$  is dissipated, divided by the radial distance of well development.



## **ATTACHMENT C**

### **Laboratory Certificates of Analysis**



14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

May 29, 2013

Jeremy Porter  
Aspect Consulting  
401 2<sup>nd</sup> Avenue South, Suite 201  
Seattle, WA 98104

Re: Analytical Data for Project 060172  
Laboratory Reference No. 1305-179

Dear Jeremy:

Enclosed are the analytical results and associated quality control data for samples submitted on May 20, 2013.

**Please note that this is a *revised* report and replaces the original due to revisions of the sample identifications.**

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister  
Project Manager

Enclosures

Date of Report: May 29, 2013  
Samples Submitted: May 20, 2013  
Laboratory Reference: 1305-179  
Project: 060172

### Case Narrative

Samples were collected on May 18, 2013 and received by the laboratory on May 20, 2013. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

#### NWTPH-Gx (soil) Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

Samples B-26-3.5 and B-26-8 did not contain any detectable levels of mineral spirits. The results came from the Tetrachloroethene peak which elutes in the mineral oil range.

#### Volatiles EPA 8260C (soil) Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

**Please note that any other QA/QC issues associated with these extractions and analyses will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.**



Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

### NWTPH-Gx

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-23-4</b>					
Laboratory ID:	05-179-01					
Mineral Spirits	<b>ND</b>	7.0	NWTPH-Gx	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	95	70-132				
<b>Client ID:</b>	<b>B-23-18</b>					
Laboratory ID:	05-179-02					
Mineral Spirits	<b>ND</b>	6.7	NWTPH-Gx	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	96	70-132				
<b>Client ID:</b>	<b>B-24-5.5</b>					
Laboratory ID:	05-179-03					
Mineral Spirits	<b>12</b>	7.6	NWTPH-Gx	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	97	70-132				
<b>Client ID:</b>	<b>B-24-20</b>					
Laboratory ID:	05-179-04					
Mineral Spirits	<b>31</b>	5.8	NWTPH-Gx	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	97	70-132				
<b>Client ID:</b>	<b>B-24-24</b>					
Laboratory ID:	05-179-05					
Mineral Spirits	<b>2200</b>	130	NWTPH-Gx	5-22-13	5-23-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	---	70-132				S
<b>Client ID:</b>	<b>B-24-28</b>					
Laboratory ID:	05-179-06					
Mineral Spirits	<b>ND</b>	5.2	NWTPH-Gx	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	87	70-132				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

### NWTPH-Gx

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-25-3</b>					
Laboratory ID:	05-179-08					
Mineral Spirits	<b>ND</b>	7.2	NWTPH-Gx	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	102	70-132				
<b>Client ID:</b>	<b>B-25-20</b>					
Laboratory ID:	05-179-09					
Mineral Spirits	<b>ND</b>	7.0	NWTPH-Gx	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	92	70-132				
<b>Client ID:</b>	<b>B-25-24</b>					
Laboratory ID:	05-179-10					
Mineral Spirits	<b>ND</b>	7.2	NWTPH-Gx	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	103	70-132				
<b>Client ID:</b>	<b>B-26-3.5</b>					
Laboratory ID:	05-179-11					
Mineral Spirits	<b>9.4</b>	7.8	NWTPH-Gx	5-22-13	5-22-13	Z
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	90	70-132				
<b>Client ID:</b>	<b>B-26-8</b>					
Laboratory ID:	05-179-12					
Mineral Spirits	<b>22</b>	11	NWTPH-Gx	5-22-13	5-22-13	Z
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	93	70-132				
<b>Client ID:</b>	<b>B-26-20</b>					
Laboratory ID:	05-179-13					
Mineral Spirits	<b>ND</b>	9.9	NWTPH-Gx	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	107	70-132				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**NWTPH-Gx  
 QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB0522S1					
Mineral Spirits	<b>ND</b>	5.0	NWTPH-Gx	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	91	70-132				
Laboratory ID:	MB0522S2					
Mineral Spirits	<b>ND</b>	5.0	NWTPH-Gx	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	100	70-132				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags	
<b>DUPLICATE</b>									
Laboratory ID:	05-179-11								
	ORIG	DUP							
Mineral Spirits	<b>8.48</b>	<b>7.78</b>	NA	NA	NA	NA	9	30	Z
<i>Surrogate:</i>									
<i>Fluorobenzene</i>				90	88	70-132			
Laboratory ID:	05-179-12								
	ORIG	DUP							
Mineral Spirits	<b>16.9</b>	<b>16.7</b>	NA	NA	NA	NA	1	30	Z
<i>Surrogate:</i>									
<i>Fluorobenzene</i>				93	93	70-132			

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**NWTPH-Gx**

Matrix: Water  
 Units: ug/L (ppb)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-24-(23-28)-051813</b>					
Laboratory ID:	05-179-07					
Mineral Spirits	<b>1300</b>	500	EPA 8021B	5-28-13	5-28-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	95	71-116				
<b>Client ID:</b>	<b>B-26-(23-28)-051813</b>					
Laboratory ID:	05-179-14					
Mineral Spirits	<b>ND</b>	100	EPA 8021B	5-23-13	5-23-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	99	71-116				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**NWTPH-Gx  
 QUALITY CONTROL**

Matrix: Water  
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB0523W1					
Mineral Spirits	<b>ND</b>	100	EPA 8021B	5-23-13	5-23-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	98	71-116				
Laboratory ID:	MB0528W1					
Mineral Spirits	<b>ND</b>	100	EPA 8021B	5-28-13	5-28-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	101	71-116				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	05-179-14							
	ORIG	DUP						
Mineral Spirits	<b>ND</b>	<b>ND</b>	NA	NA	NA	NA	30	
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				99	98	71-116		

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-23-4</b>					
Laboratory ID:	05-179-01					
Dichlorodifluoromethane	ND	0.0056	EPA 8260C	5-21-13	5-21-13	
Chloromethane	ND	0.0056	EPA 8260C	5-21-13	5-21-13	
Vinyl Chloride	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Bromomethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Chloroethane	ND	0.0056	EPA 8260C	5-21-13	5-21-13	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Acetone	0.014	0.0056	EPA 8260C	5-21-13	5-21-13	
Iodomethane	ND	0.0056	EPA 8260C	5-21-13	5-21-13	
Carbon Disulfide	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Methylene Chloride	ND	0.0056	EPA 8260C	5-21-13	5-21-13	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Vinyl Acetate	ND	0.0056	EPA 8260C	5-21-13	5-21-13	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
2-Butanone	ND	0.0056	EPA 8260C	5-21-13	5-21-13	
Bromochloromethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Chloroform	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Benzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Trichloroethene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Dibromomethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Bromodichloromethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
2-Chloroethyl Vinyl Ether	ND	0.0056	EPA 8260C	5-21-13	5-21-13	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Methyl Isobutyl Ketone	ND	0.0056	EPA 8260C	5-21-13	5-21-13	
Toluene	ND	0.0056	EPA 8260C	5-21-13	5-21-13	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-23-4</b>					
Laboratory ID:	05-179-01					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Tetrachloroethene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
2-Hexanone	ND	0.0056	EPA 8260C	5-21-13	5-21-13	
Dibromochloromethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Chlorobenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Ethylbenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
m,p-Xylene	ND	0.0023	EPA 8260C	5-21-13	5-21-13	
o-Xylene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Styrene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Bromoform	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Isopropylbenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Bromobenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
n-Propylbenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
2-Chlorotoluene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
4-Chlorotoluene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
tert-Butylbenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
sec-Butylbenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
n-Butylbenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromo-3-chloropropane	ND	0.0056	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Hexachlorobutadiene	ND	0.0056	EPA 8260C	5-21-13	5-21-13	
Naphthalene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>114</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>106</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>52-125</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-23-18</b>					
Laboratory ID:	05-179-02					
Dichlorodifluoromethane	ND	0.0068	EPA 8260C	5-21-13	5-21-13	
Chloromethane	ND	0.0068	EPA 8260C	5-21-13	5-21-13	
Vinyl Chloride	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Bromomethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Chloroethane	ND	0.0068	EPA 8260C	5-21-13	5-21-13	
Trichlorofluoromethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Acetone	0.028	0.0068	EPA 8260C	5-21-13	5-21-13	
Iodomethane	ND	0.0068	EPA 8260C	5-21-13	5-21-13	
Carbon Disulfide	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Methylene Chloride	ND	0.0068	EPA 8260C	5-21-13	5-21-13	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Methyl t-Butyl Ether	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Vinyl Acetate	ND	0.0068	EPA 8260C	5-21-13	5-21-13	
2,2-Dichloropropane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
2-Butanone	ND	0.0068	EPA 8260C	5-21-13	5-21-13	
Bromochloromethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Chloroform	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Carbon Tetrachloride	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloropropene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Benzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloroethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Trichloroethene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloropropane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Dibromomethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Bromodichloromethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
2-Chloroethyl Vinyl Ether	ND	0.0068	EPA 8260C	5-21-13	5-21-13	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Methyl Isobutyl Ketone	ND	0.0068	EPA 8260C	5-21-13	5-21-13	
Toluene	ND	0.0068	EPA 8260C	5-21-13	5-21-13	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	



Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-23-18</b>					
Laboratory ID:	05-179-02					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Tetrachloroethene	0.0035	0.0014	EPA 8260C	5-21-13	5-21-13	
1,3-Dichloropropane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
2-Hexanone	ND	0.0068	EPA 8260C	5-21-13	5-21-13	
Dibromochloromethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromoethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Chlorobenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Ethylbenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
m,p-Xylene	ND	0.0027	EPA 8260C	5-21-13	5-21-13	
o-Xylene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Styrene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Bromoform	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Isopropylbenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Bromobenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
n-Propylbenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
2-Chlorotoluene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
4-Chlorotoluene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,3,5-Trimethylbenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
tert-Butylbenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trimethylbenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
sec-Butylbenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,3-Dichlorobenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
p-Isopropyltoluene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,4-Dichlorobenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,2-Dichlorobenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
n-Butylbenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromo-3-chloropropane	ND	0.0068	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trichlorobenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Hexachlorobutadiene	ND	0.0068	EPA 8260C	5-21-13	5-21-13	
Naphthalene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichlorobenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>108</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>52-125</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-24-5.5</b>					
Laboratory ID:	05-179-03					
Dichlorodifluoromethane	ND	0.0061	EPA 8260C	5-21-13	5-21-13	
Chloromethane	ND	0.0061	EPA 8260C	5-21-13	5-21-13	
Vinyl Chloride	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Bromomethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Chloroethane	ND	0.0061	EPA 8260C	5-21-13	5-21-13	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Acetone	0.017	0.0061	EPA 8260C	5-21-13	5-21-13	
Iodomethane	ND	0.0061	EPA 8260C	5-21-13	5-21-13	
Carbon Disulfide	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Methylene Chloride	ND	0.0061	EPA 8260C	5-21-13	5-21-13	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Vinyl Acetate	ND	0.0061	EPA 8260C	5-21-13	5-21-13	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
2-Butanone	ND	0.0061	EPA 8260C	5-21-13	5-21-13	
Bromochloromethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Chloroform	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Benzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Trichloroethene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Dibromomethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Bromodichloromethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
2-Chloroethyl Vinyl Ether	ND	0.0061	EPA 8260C	5-21-13	5-21-13	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Methyl Isobutyl Ketone	ND	0.0061	EPA 8260C	5-21-13	5-21-13	
Toluene	ND	0.0061	EPA 8260C	5-21-13	5-21-13	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-24-5.5</b>					
Laboratory ID:	05-179-03					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Tetrachloroethene	0.0030	0.0012	EPA 8260C	5-21-13	5-21-13	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
2-Hexanone	ND	0.0061	EPA 8260C	5-21-13	5-21-13	
Dibromochloromethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Chlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Ethylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
m,p-Xylene	ND	0.0025	EPA 8260C	5-21-13	5-21-13	
o-Xylene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Styrene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Bromoform	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Isopropylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Bromobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
n-Propylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
2-Chlorotoluene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
4-Chlorotoluene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
tert-Butylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
sec-Butylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
n-Butylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromo-3-chloropropane	ND	0.0061	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Hexachlorobutadiene	ND	0.0061	EPA 8260C	5-21-13	5-21-13	
Naphthalene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>113</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>92</i>	<i>52-125</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-24-20</b>					
Laboratory ID:	05-179-04					
Dichlorodifluoromethane	ND	0.0052	EPA 8260C	5-21-13	5-21-13	
Chloromethane	ND	0.0052	EPA 8260C	5-21-13	5-21-13	
Vinyl Chloride	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Bromomethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Chloroethane	ND	0.0052	EPA 8260C	5-21-13	5-21-13	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Acetone	0.010	0.0052	EPA 8260C	5-21-13	5-21-13	
Iodomethane	ND	0.0052	EPA 8260C	5-21-13	5-21-13	
Carbon Disulfide	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Methylene Chloride	ND	0.0052	EPA 8260C	5-21-13	5-21-13	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Vinyl Acetate	ND	0.0052	EPA 8260C	5-21-13	5-21-13	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
2-Butanone	ND	0.0052	EPA 8260C	5-21-13	5-21-13	
Bromochloromethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Chloroform	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Benzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Trichloroethene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Dibromomethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Bromodichloromethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
2-Chloroethyl Vinyl Ether	ND	0.0052	EPA 8260C	5-21-13	5-21-13	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Methyl Isobutyl Ketone	ND	0.0052	EPA 8260C	5-21-13	5-21-13	
Toluene	ND	0.0052	EPA 8260C	5-21-13	5-21-13	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-24-20</b>					
Laboratory ID:	05-179-04					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Tetrachloroethene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
2-Hexanone	ND	0.0052	EPA 8260C	5-21-13	5-21-13	
Dibromochloromethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Chlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Ethylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
m,p-Xylene	ND	0.0021	EPA 8260C	5-21-13	5-21-13	
o-Xylene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Styrene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Bromoform	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Isopropylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Bromobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
n-Propylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
2-Chlorotoluene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
4-Chlorotoluene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
tert-Butylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trimethylbenzene	0.0011	0.0010	EPA 8260C	5-21-13	5-21-13	
sec-Butylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
n-Butylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromo-3-chloropropane	ND	0.0052	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Hexachlorobutadiene	ND	0.0052	EPA 8260C	5-21-13	5-21-13	
Naphthalene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>112</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>107</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>113</i>	<i>52-125</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-24-24</b>					
Laboratory ID:	05-179-05					
Dichlorodifluoromethane	ND	0.44	EPA 8260C	5-21-13	5-22-13	
Chloromethane	ND	0.44	EPA 8260C	5-21-13	5-22-13	
Vinyl Chloride	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Bromomethane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Chloroethane	ND	0.44	EPA 8260C	5-21-13	5-22-13	
Trichlorofluoromethane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
1,1-Dichloroethene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Acetone	ND	0.44	EPA 8260C	5-21-13	5-22-13	
Iodomethane	ND	0.44	EPA 8260C	5-21-13	5-22-13	
Carbon Disulfide	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Methylene Chloride	ND	0.44	EPA 8260C	5-21-13	5-22-13	
(trans) 1,2-Dichloroethene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Methyl t-Butyl Ether	ND	0.087	EPA 8260C	5-21-13	5-22-13	
1,1-Dichloroethane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Vinyl Acetate	ND	0.44	EPA 8260C	5-21-13	5-22-13	
2,2-Dichloropropane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
(cis) 1,2-Dichloroethene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
2-Butanone	ND	0.44	EPA 8260C	5-21-13	5-22-13	
Bromochloromethane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Chloroform	ND	0.087	EPA 8260C	5-21-13	5-22-13	
1,1,1-Trichloroethane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Carbon Tetrachloride	ND	0.087	EPA 8260C	5-21-13	5-22-13	
1,1-Dichloropropene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Benzene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
1,2-Dichloroethane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Trichloroethene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
1,2-Dichloropropane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Dibromomethane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Bromodichloromethane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
2-Chloroethyl Vinyl Ether	ND	0.57	EPA 8260C	5-21-13	5-22-13	
(cis) 1,3-Dichloropropene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Methyl Isobutyl Ketone	ND	0.44	EPA 8260C	5-21-13	5-22-13	
Toluene	ND	0.44	EPA 8260C	5-21-13	5-22-13	
(trans) 1,3-Dichloropropene	ND	0.087	EPA 8260C	5-21-13	5-22-13	

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-24-24</b>					
Laboratory ID:	05-179-05					
1,1,2-Trichloroethane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Tetrachloroethene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
1,3-Dichloropropane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
2-Hexanone	ND	0.44	EPA 8260C	5-21-13	5-22-13	
Dibromochloromethane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
1,2-Dibromoethane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Chlorobenzene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
1,1,1,2-Tetrachloroethane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Ethylbenzene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
m,p-Xylene	ND	0.17	EPA 8260C	5-21-13	5-22-13	
o-Xylene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Styrene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Bromoform	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Isopropylbenzene	0.16	0.087	EPA 8260C	5-21-13	5-22-13	
Bromobenzene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
1,1,2,2-Tetrachloroethane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
1,2,3-Trichloropropane	ND	0.087	EPA 8260C	5-21-13	5-22-13	
n-Propylbenzene	0.69	0.087	EPA 8260C	5-21-13	5-22-13	
2-Chlorotoluene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
4-Chlorotoluene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
1,3,5-Trimethylbenzene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
tert-Butylbenzene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
1,2,4-Trimethylbenzene	0.10	0.087	EPA 8260C	5-21-13	5-22-13	
sec-Butylbenzene	0.43	0.087	EPA 8260C	5-21-13	5-22-13	
1,3-Dichlorobenzene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
p-Isopropyltoluene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
1,4-Dichlorobenzene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
1,2-Dichlorobenzene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
n-Butylbenzene	0.73	0.087	EPA 8260C	5-21-13	5-22-13	
1,2-Dibromo-3-chloropropane	ND	0.44	EPA 8260C	5-21-13	5-22-13	
1,2,4-Trichlorobenzene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
Hexachlorobutadiene	ND	0.44	EPA 8260C	5-21-13	5-22-13	
Naphthalene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
1,2,3-Trichlorobenzene	ND	0.087	EPA 8260C	5-21-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>107</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>109</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>117</i>	<i>52-125</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-24-28</b>					
Laboratory ID:	05-179-06					
Dichlorodifluoromethane	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
Chloromethane	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
Vinyl Chloride	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Bromomethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Chloroethane	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Acetone	0.0090	0.0058	EPA 8260C	5-21-13	5-21-13	
Iodomethane	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
Carbon Disulfide	0.0026	0.0012	EPA 8260C	5-21-13	5-21-13	
Methylene Chloride	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Vinyl Acetate	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
(cis) 1,2-Dichloroethene	0.0059	0.0012	EPA 8260C	5-21-13	5-21-13	
2-Butanone	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
Bromochloromethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Chloroform	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Benzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Trichloroethene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Dibromomethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Bromodichloromethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
2-Chloroethyl Vinyl Ether	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Methyl Isobutyl Ketone	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
Toluene	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	



Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-24-28</b>					
Laboratory ID:	05-179-06					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Tetrachloroethene	0.0020	0.0012	EPA 8260C	5-21-13	5-21-13	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
2-Hexanone	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
Dibromochloromethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Chlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Ethylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
m,p-Xylene	ND	0.0023	EPA 8260C	5-21-13	5-21-13	
o-Xylene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Styrene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Bromoform	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Isopropylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Bromobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
n-Propylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
2-Chlorotoluene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
4-Chlorotoluene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
tert-Butylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
sec-Butylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
n-Butylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromo-3-chloropropane	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Hexachlorobutadiene	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
Naphthalene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>111</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>106</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>105</i>	<i>52-125</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-25-3</b>					
Laboratory ID:	05-179-08					
Dichlorodifluoromethane	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
Chloromethane	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
Vinyl Chloride	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Bromomethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Chloroethane	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Acetone	0.011	0.0058	EPA 8260C	5-21-13	5-21-13	
Iodomethane	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
Carbon Disulfide	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Methylene Chloride	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Vinyl Acetate	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
2-Butanone	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
Bromochloromethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Chloroform	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Benzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Trichloroethene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Dibromomethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Bromodichloromethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
2-Chloroethyl Vinyl Ether	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Methyl Isobutyl Ketone	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
Toluene	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-25-3</b>					
Laboratory ID:	05-179-08					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Tetrachloroethene	0.045	0.0012	EPA 8260C	5-21-13	5-21-13	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
2-Hexanone	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
Dibromochloromethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Chlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Ethylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
m,p-Xylene	ND	0.0023	EPA 8260C	5-21-13	5-21-13	
o-Xylene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Styrene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Bromoform	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Isopropylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Bromobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
n-Propylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
2-Chlorotoluene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
4-Chlorotoluene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
tert-Butylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
sec-Butylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
n-Butylbenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromo-3-chloropropane	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
Hexachlorobutadiene	ND	0.0058	EPA 8260C	5-21-13	5-21-13	
Naphthalene	0.0015	0.0012	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	5-21-13	5-21-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>106</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>105</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>103</i>	<i>52-125</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-25-20</b>					
Laboratory ID:	05-179-09					
Dichlorodifluoromethane	ND	0.0047	EPA 8260C	5-22-13	5-22-13	
Chloromethane	ND	0.0047	EPA 8260C	5-22-13	5-22-13	
Vinyl Chloride	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Bromomethane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Chloroethane	ND	0.0047	EPA 8260C	5-22-13	5-22-13	
Trichlorofluoromethane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,1-Dichloroethene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Acetone	0.0054	0.0047	EPA 8260C	5-22-13	5-22-13	Y
Iodomethane	ND	0.0047	EPA 8260C	5-22-13	5-22-13	
Carbon Disulfide	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Methylene Chloride	ND	0.0047	EPA 8260C	5-22-13	5-22-13	
(trans) 1,2-Dichloroethene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Methyl t-Butyl Ether	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,1-Dichloroethane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Vinyl Acetate	ND	0.0047	EPA 8260C	5-22-13	5-22-13	
2,2-Dichloropropane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
(cis) 1,2-Dichloroethene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
2-Butanone	ND	0.0047	EPA 8260C	5-22-13	5-22-13	
Bromochloromethane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Chloroform	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,1,1-Trichloroethane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Carbon Tetrachloride	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,1-Dichloropropene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Benzene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,2-Dichloroethane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Trichloroethene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,2-Dichloropropane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Dibromomethane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Bromodichloromethane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
2-Chloroethyl Vinyl Ether	ND	0.0062	EPA 8260C	5-22-13	5-22-13	
(cis) 1,3-Dichloropropene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Methyl Isobutyl Ketone	ND	0.0047	EPA 8260C	5-22-13	5-22-13	
Toluene	ND	0.0047	EPA 8260C	5-22-13	5-22-13	
(trans) 1,3-Dichloropropene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-25-20</b>					
Laboratory ID:	05-179-09					
1,1,2-Trichloroethane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Tetrachloroethene	0.0016	0.00093	EPA 8260C	5-22-13	5-22-13	
1,3-Dichloropropane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
2-Hexanone	ND	0.0047	EPA 8260C	5-22-13	5-22-13	
Dibromochloromethane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,2-Dibromoethane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Chlorobenzene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,1,1,2-Tetrachloroethane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Ethylbenzene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
m,p-Xylene	ND	0.0019	EPA 8260C	5-22-13	5-22-13	
o-Xylene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Styrene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Bromoform	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Isopropylbenzene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Bromobenzene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,1,2,2-Tetrachloroethane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,2,3-Trichloropropane	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
n-Propylbenzene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
2-Chlorotoluene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
4-Chlorotoluene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,3,5-Trimethylbenzene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
tert-Butylbenzene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,2,4-Trimethylbenzene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
sec-Butylbenzene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,3-Dichlorobenzene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
p-Isopropyltoluene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,4-Dichlorobenzene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,2-Dichlorobenzene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
n-Butylbenzene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,2-Dibromo-3-chloropropane	ND	0.0047	EPA 8260C	5-22-13	5-22-13	
1,2,4-Trichlorobenzene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
Hexachlorobutadiene	ND	0.0047	EPA 8260C	5-22-13	5-22-13	
Naphthalene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
1,2,3-Trichlorobenzene	ND	0.00093	EPA 8260C	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>115</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>105</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>52-125</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-25-24</b>					
Laboratory ID:	05-179-10					
Dichlorodifluoromethane	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Chloromethane	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Vinyl Chloride	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Bromomethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Chloroethane	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Acetone	0.011	0.0050	EPA 8260C	5-21-13	5-21-13	
Iodomethane	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Carbon Disulfide	0.0028	0.0010	EPA 8260C	5-21-13	5-21-13	
Methylene Chloride	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Vinyl Acetate	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
(cis) 1,2-Dichloroethene	0.0074	0.0010	EPA 8260C	5-21-13	5-21-13	
2-Butanone	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Bromochloromethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Chloroform	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Benzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Trichloroethene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Dibromomethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Bromodichloromethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Toluene	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-25-24</b>					
Laboratory ID:	05-179-10					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Tetrachloroethene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
2-Hexanone	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Dibromochloromethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Chlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Ethylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
m,p-Xylene	ND	0.0020	EPA 8260C	5-21-13	5-21-13	
o-Xylene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Styrene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Bromoform	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Isopropylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Bromobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
n-Propylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
2-Chlorotoluene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
4-Chlorotoluene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
tert-Butylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
sec-Butylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
n-Butylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Naphthalene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>109</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>52-125</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-26-3.5</b>					
<b>Laboratory ID:</b>	<b>05-179-11</b>					
Dichlorodifluoromethane	ND	0.0053	EPA 8260C	5-21-13	5-21-13	
Chloromethane	ND	0.0053	EPA 8260C	5-21-13	5-21-13	
Vinyl Chloride	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Bromomethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Chloroethane	ND	0.0053	EPA 8260C	5-21-13	5-21-13	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Acetone	0.052	0.0053	EPA 8260C	5-21-13	5-21-13	
Iodomethane	ND	0.0053	EPA 8260C	5-21-13	5-21-13	
Carbon Disulfide	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Methylene Chloride	ND	0.0053	EPA 8260C	5-21-13	5-21-13	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Vinyl Acetate	ND	0.0053	EPA 8260C	5-21-13	5-21-13	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
2-Butanone	ND	0.0053	EPA 8260C	5-21-13	5-21-13	
Bromochloromethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Chloroform	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Benzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Trichloroethene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Dibromomethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Bromodichloromethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260C	5-21-13	5-21-13	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260C	5-21-13	5-21-13	
Toluene	ND	0.0053	EPA 8260C	5-21-13	5-21-13	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	



Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-26-3.5</b>					
Laboratory ID:	05-179-11					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Tetrachloroethene	11	0.11	EPA 8260C	5-22-13	5-22-13	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
2-Hexanone	ND	0.0053	EPA 8260C	5-21-13	5-21-13	
Dibromochloromethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Chlorobenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Ethylbenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
m,p-Xylene	ND	0.0021	EPA 8260C	5-21-13	5-21-13	
o-Xylene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Styrene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Bromoform	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Isopropylbenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Bromobenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
n-Propylbenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
2-Chlorotoluene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
4-Chlorotoluene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
tert-Butylbenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
sec-Butylbenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
n-Butylbenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromo-3-chloropropane	ND	0.0053	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
Hexachlorobutadiene	ND	0.0053	EPA 8260C	5-21-13	5-21-13	
Naphthalene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	5-21-13	5-21-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>107</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>91</i>	<i>52-125</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-26-8</b>					
Laboratory ID:	05-179-12					
Dichlorodifluoromethane	ND	0.0067	EPA 8260C	5-21-13	5-21-13	
Chloromethane	ND	0.0067	EPA 8260C	5-21-13	5-21-13	
Vinyl Chloride	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Bromomethane	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Chloroethane	ND	0.0067	EPA 8260C	5-21-13	5-21-13	
Trichlorofluoromethane	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethene	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Acetone	0.068	0.0067	EPA 8260C	5-21-13	5-21-13	
Iodomethane	ND	0.0067	EPA 8260C	5-21-13	5-21-13	
Carbon Disulfide	0.0014	0.0013	EPA 8260C	5-21-13	5-21-13	
Methylene Chloride	ND	0.0067	EPA 8260C	5-21-13	5-21-13	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethane	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Vinyl Acetate	ND	0.0067	EPA 8260C	5-21-13	5-21-13	
2,2-Dichloropropane	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
2-Butanone	0.0098	0.0067	EPA 8260C	5-21-13	5-21-13	
Bromochloromethane	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Chloroform	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Carbon Tetrachloride	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloropropene	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Benzene	0.0048	0.0013	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloroethane	0.0060	0.0013	EPA 8260C	5-21-13	5-21-13	
Trichloroethene	0.0033	0.0013	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloropropane	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Dibromomethane	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Bromodichloromethane	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
2-Chloroethyl Vinyl Ether	ND	0.0067	EPA 8260C	5-21-13	5-21-13	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Methyl Isobutyl Ketone	ND	0.0067	EPA 8260C	5-21-13	5-21-13	
Toluene	ND	0.0067	EPA 8260C	5-21-13	5-21-13	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	5-21-13	5-21-13	

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-26-8</b>					
Laboratory ID:	05-179-12					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Tetrachloroethene	26	0.20	EPA 8260C	5-22-13	5-22-13	
1,3-Dichloropropane	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
2-Hexanone	ND	0.0067	EPA 8260C	5-21-13	5-21-13	
Dibromochloromethane	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromoethane	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Chlorobenzene	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Ethylbenzene	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
m,p-Xylene	ND	0.0027	EPA 8260C	5-21-13	5-21-13	
o-Xylene	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Styrene	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Bromoform	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Isopropylbenzene	ND	0.0013	EPA 8260C	5-21-13	5-21-13	
Bromobenzene	ND	0.10	EPA 8260C	5-22-13	5-22-13	
1,1,2,2-Tetrachloroethane	ND	0.10	EPA 8260C	5-22-13	5-22-13	
1,2,3-Trichloropropane	ND	0.10	EPA 8260C	5-22-13	5-22-13	
n-Propylbenzene	ND	0.10	EPA 8260C	5-22-13	5-22-13	
2-Chlorotoluene	ND	0.10	EPA 8260C	5-22-13	5-22-13	
4-Chlorotoluene	ND	0.10	EPA 8260C	5-22-13	5-22-13	
1,3,5-Trimethylbenzene	ND	0.10	EPA 8260C	5-22-13	5-22-13	
tert-Butylbenzene	ND	0.10	EPA 8260C	5-22-13	5-22-13	
1,2,4-Trimethylbenzene	ND	0.10	EPA 8260C	5-22-13	5-22-13	
sec-Butylbenzene	ND	0.10	EPA 8260C	5-22-13	5-22-13	
1,3-Dichlorobenzene	ND	0.10	EPA 8260C	5-22-13	5-22-13	
p-Isopropyltoluene	ND	0.10	EPA 8260C	5-22-13	5-22-13	
1,4-Dichlorobenzene	ND	0.10	EPA 8260C	5-22-13	5-22-13	
1,2-Dichlorobenzene	ND	0.10	EPA 8260C	5-22-13	5-22-13	
n-Butylbenzene	ND	0.10	EPA 8260C	5-22-13	5-22-13	
1,2-Dibromo-3-chloropropane	ND	0.50	EPA 8260C	5-22-13	5-22-13	
1,2,4-Trichlorobenzene	ND	0.10	EPA 8260C	5-22-13	5-22-13	
Hexachlorobutadiene	ND	0.50	EPA 8260C	5-22-13	5-22-13	
Naphthalene	ND	0.10	EPA 8260C	5-22-13	5-22-13	
1,2,3-Trichlorobenzene	ND	0.10	EPA 8260C	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>123</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>106</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>85</i>	<i>52-125</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-26-20</b>					
Laboratory ID:	05-179-13					
Dichlorodifluoromethane	ND	0.0070	EPA 8260C	5-21-13	5-21-13	
Chloromethane	ND	0.0070	EPA 8260C	5-21-13	5-21-13	
Vinyl Chloride	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Bromomethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Chloroethane	ND	0.0070	EPA 8260C	5-21-13	5-21-13	
Trichlorofluoromethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Acetone	0.026	0.0070	EPA 8260C	5-21-13	5-21-13	
Iodomethane	ND	0.0070	EPA 8260C	5-21-13	5-21-13	
Carbon Disulfide	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Methylene Chloride	ND	0.0070	EPA 8260C	5-21-13	5-21-13	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Methyl t-Butyl Ether	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Vinyl Acetate	ND	0.0070	EPA 8260C	5-21-13	5-21-13	
2,2-Dichloropropane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
2-Butanone	ND	0.0070	EPA 8260C	5-21-13	5-21-13	
Bromochloromethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Chloroform	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Carbon Tetrachloride	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloropropene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Benzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloroethane	0.0018	0.0014	EPA 8260C	5-21-13	5-21-13	
Trichloroethene	0.0018	0.0014	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloropropane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Dibromomethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Bromodichloromethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
2-Chloroethyl Vinyl Ether	ND	0.0070	EPA 8260C	5-21-13	5-21-13	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Methyl Isobutyl Ketone	ND	0.0070	EPA 8260C	5-21-13	5-21-13	
Toluene	ND	0.0070	EPA 8260C	5-21-13	5-21-13	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-26-20</b>					
Laboratory ID:	05-179-13					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Tetrachloroethene	1.1	0.097	EPA 8260C	5-22-13	5-22-13	
1,3-Dichloropropane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
2-Hexanone	ND	0.0070	EPA 8260C	5-21-13	5-21-13	
Dibromochloromethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromoethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Chlorobenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Ethylbenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
m,p-Xylene	ND	0.0028	EPA 8260C	5-21-13	5-21-13	
o-Xylene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Styrene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Bromoform	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Isopropylbenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Bromobenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
n-Propylbenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
2-Chlorotoluene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
4-Chlorotoluene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,3,5-Trimethylbenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
tert-Butylbenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trimethylbenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
sec-Butylbenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,3-Dichlorobenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
p-Isopropyltoluene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,4-Dichlorobenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,2-Dichlorobenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
n-Butylbenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromo-3-chloropropane	ND	0.0070	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trichlorobenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
Hexachlorobutadiene	ND	0.0070	EPA 8260C	5-21-13	5-21-13	
Naphthalene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichlorobenzene	ND	0.0014	EPA 8260C	5-21-13	5-21-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>109</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>105</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>52-125</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0521S1					
Dichlorodifluoromethane	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Chloromethane	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Vinyl Chloride	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Bromomethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Chloroethane	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Acetone	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Iodomethane	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Carbon Disulfide	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Methylene Chloride	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Vinyl Acetate	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
2-Butanone	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Bromochloromethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Chloroform	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Benzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Trichloroethene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Dibromomethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Bromodichloromethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Toluene	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0521S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Tetrachloroethene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
2-Hexanone	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Dibromochloromethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Chlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Ethylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
m,p-Xylene	ND	0.0020	EPA 8260C	5-21-13	5-21-13	
o-Xylene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Styrene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Bromoform	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Isopropylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Bromobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
n-Propylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
2-Chlorotoluene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
4-Chlorotoluene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
tert-Butylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
sec-Butylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
n-Butylbenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	5-21-13	5-21-13	
Naphthalene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	5-21-13	5-21-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>110</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>108</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>109</i>	<i>52-125</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0522S1					
Dichlorodifluoromethane	ND	0.0050	EPA 8260C	5-22-13	5-22-13	
Chloromethane	ND	0.0050	EPA 8260C	5-22-13	5-22-13	
Vinyl Chloride	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Bromomethane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Chloroethane	ND	0.0050	EPA 8260C	5-22-13	5-22-13	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Acetone	ND	0.0050	EPA 8260C	5-22-13	5-22-13	
Iodomethane	ND	0.0050	EPA 8260C	5-22-13	5-22-13	
Carbon Disulfide	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Methylene Chloride	ND	0.0050	EPA 8260C	5-22-13	5-22-13	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Vinyl Acetate	ND	0.0050	EPA 8260C	5-22-13	5-22-13	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
2-Butanone	ND	0.0050	EPA 8260C	5-22-13	5-22-13	
Bromochloromethane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Chloroform	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Benzene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Trichloroethene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Dibromomethane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Bromodichloromethane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
2-Chloroethyl Vinyl Ether	ND	0.0066	EPA 8260C	5-22-13	5-22-13	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	5-22-13	5-22-13	
Toluene	ND	0.0050	EPA 8260C	5-22-13	5-22-13	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	



Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0522S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Tetrachloroethene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
2-Hexanone	ND	0.0050	EPA 8260C	5-22-13	5-22-13	
Dibromochloromethane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Chlorobenzene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Ethylbenzene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
m,p-Xylene	ND	0.0020	EPA 8260C	5-22-13	5-22-13	
o-Xylene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Styrene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Bromoform	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Isopropylbenzene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Bromobenzene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
n-Propylbenzene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
2-Chlorotoluene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
4-Chlorotoluene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
tert-Butylbenzene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
sec-Butylbenzene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
n-Butylbenzene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	5-22-13	5-22-13	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	5-22-13	5-22-13	
Naphthalene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>121</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>117</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>118</i>	<i>52-125</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					SB	SBD	Limits	RPD	Limit	
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0521S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0562</b>	<b>0.0523</b>	0.0500	0.0500	112	105	65-141	7	15	
Benzene	<b>0.0517</b>	<b>0.0486</b>	0.0500	0.0500	103	97	69-121	6	15	
Trichloroethene	<b>0.0532</b>	<b>0.0492</b>	0.0500	0.0500	106	98	75-120	8	15	
Toluene	<b>0.0523</b>	<b>0.0485</b>	0.0500	0.0500	105	97	75-120	8	15	
Chlorobenzene	<b>0.0546</b>	<b>0.0507</b>	0.0500	0.0500	109	101	75-120	7	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					<i>109</i>	<i>101</i>	<i>63-127</i>			
<i>Toluene-d8</i>					<i>106</i>	<i>98</i>	<i>65-129</i>			
<i>4-Bromofluorobenzene</i>					<i>104</i>	<i>97</i>	<i>52-125</i>			

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					SB	SBD	Limits	RPD	Limit	
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0522S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0562</b>	<b>0.0557</b>	0.0500	0.0500	112	111	65-141	1	15	
Benzene	<b>0.0514</b>	<b>0.0509</b>	0.0500	0.0500	103	102	69-121	1	15	
Trichloroethene	<b>0.0544</b>	<b>0.0522</b>	0.0500	0.0500	109	104	75-120	4	15	
Toluene	<b>0.0528</b>	<b>0.0521</b>	0.0500	0.0500	106	104	75-120	1	15	
Chlorobenzene	<b>0.0545</b>	<b>0.0549</b>	0.0500	0.0500	109	110	75-120	1	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					<i>109</i>	<i>108</i>	<i>63-127</i>			
<i>Toluene-d8</i>					<i>107</i>	<i>105</i>	<i>65-129</i>			
<i>4-Bromofluorobenzene</i>					<i>106</i>	<i>105</i>	<i>52-125</i>			

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-24-(23-28)-051813</b>					
Laboratory ID:	05-179-07					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Chloromethane	ND	1.0	EPA 8260C	5-22-13	5-22-13	
Vinyl Chloride	1.9	0.20	EPA 8260C	5-22-13	5-22-13	
Bromomethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Chloroethane	ND	1.0	EPA 8260C	5-22-13	5-22-13	
Trichlorofluoromethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1-Dichloroethene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Acetone	ND	5.0	EPA 8260C	5-22-13	5-22-13	
Iodomethane	ND	1.0	EPA 8260C	5-22-13	5-22-13	
Carbon Disulfide	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Methylene Chloride	ND	1.0	EPA 8260C	5-22-13	5-22-13	
(trans) 1,2-Dichloroethene	0.49	0.20	EPA 8260C	5-22-13	5-22-13	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1-Dichloroethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Vinyl Acetate	ND	1.0	EPA 8260C	5-22-13	5-22-13	
2,2-Dichloropropane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
(cis) 1,2-Dichloroethene	16	0.20	EPA 8260C	5-22-13	5-22-13	
2-Butanone	ND	5.0	EPA 8260C	5-22-13	5-22-13	
Bromochloromethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Chloroform	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Carbon Tetrachloride	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1-Dichloropropene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Benzene	0.27	0.20	EPA 8260C	5-22-13	5-22-13	
1,2-Dichloroethane	0.58	0.20	EPA 8260C	5-22-13	5-22-13	
Trichloroethene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2-Dichloropropane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Dibromomethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Bromodichloromethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	5-22-13	5-22-13	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	5-22-13	5-22-13	
Toluene	ND	1.0	EPA 8260C	5-22-13	5-22-13	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	5-22-13	5-22-13	

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-24-(23-28)-051813</b>					
<b>Laboratory ID:</b>	<b>05-179-07</b>					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Tetrachloroethene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,3-Dichloropropane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
2-Hexanone	ND	2.0	EPA 8260C	5-22-13	5-22-13	
Dibromochloromethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2-Dibromoethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Chlorobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Ethylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
m,p-Xylene	0.49	0.40	EPA 8260C	5-22-13	5-22-13	
o-Xylene	0.31	0.20	EPA 8260C	5-22-13	5-22-13	
Styrene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Bromoform	ND	1.0	EPA 8260C	5-22-13	5-22-13	
Isopropylbenzene	0.68	0.20	EPA 8260C	5-22-13	5-22-13	
Bromobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
n-Propylbenzene	1.4	0.20	EPA 8260C	5-22-13	5-22-13	
2-Chlorotoluene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
4-Chlorotoluene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
tert-Butylbenzene	0.33	0.20	EPA 8260C	5-22-13	5-22-13	
1,2,4-Trimethylbenzene	0.36	0.20	EPA 8260C	5-22-13	5-22-13	
sec-Butylbenzene	1.8	0.20	EPA 8260C	5-22-13	5-22-13	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
p-Isopropyltoluene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
n-Butylbenzene	2.4	0.20	EPA 8260C	5-22-13	5-22-13	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	5-22-13	5-22-13	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Hexachlorobutadiene	ND	0.28	EPA 8260C	5-22-13	5-22-13	
Naphthalene	ND	1.4	EPA 8260C	5-22-13	5-22-13	
1,2,3-Trichlorobenzene	ND	0.30	EPA 8260C	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>66-120</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>104</i>	<i>63-120</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-26-(23-28)-051813</b>					
Laboratory ID:	05-179-14					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Chloromethane	ND	1.0	EPA 8260C	5-22-13	5-22-13	
Vinyl Chloride	0.81	0.20	EPA 8260C	5-22-13	5-22-13	
Bromomethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Chloroethane	ND	1.0	EPA 8260C	5-22-13	5-22-13	
Trichlorofluoromethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1-Dichloroethene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Acetone	ND	5.0	EPA 8260C	5-22-13	5-22-13	
Iodomethane	ND	1.0	EPA 8260C	5-22-13	5-22-13	
Carbon Disulfide	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Methylene Chloride	ND	1.0	EPA 8260C	5-22-13	5-22-13	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1-Dichloroethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Vinyl Acetate	ND	1.0	EPA 8260C	5-22-13	5-22-13	
2,2-Dichloropropane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
(cis) 1,2-Dichloroethene	3.1	0.20	EPA 8260C	5-22-13	5-22-13	
2-Butanone	ND	5.0	EPA 8260C	5-22-13	5-22-13	
Bromochloromethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Chloroform	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Carbon Tetrachloride	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1-Dichloropropene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Benzene	0.43	0.20	EPA 8260C	5-22-13	5-22-13	
1,2-Dichloroethane	0.78	0.20	EPA 8260C	5-22-13	5-22-13	
Trichloroethene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2-Dichloropropane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Dibromomethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Bromodichloromethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	5-22-13	5-22-13	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	5-22-13	5-22-13	
Toluene	ND	1.0	EPA 8260C	5-22-13	5-22-13	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	5-22-13	5-22-13	

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-26-(23-28)-051813</b>					
<b>Laboratory ID:</b>	05-179-14					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Tetrachloroethene	11	0.20	EPA 8260C	5-22-13	5-22-13	
1,3-Dichloropropane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
2-Hexanone	ND	2.0	EPA 8260C	5-22-13	5-22-13	
Dibromochloromethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2-Dibromoethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Chlorobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Ethylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
m,p-Xylene	0.41	0.40	EPA 8260C	5-22-13	5-22-13	
o-Xylene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Styrene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Bromoform	ND	1.0	EPA 8260C	5-22-13	5-22-13	
Isopropylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Bromobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
n-Propylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
2-Chlorotoluene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
4-Chlorotoluene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
tert-Butylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2,4-Trimethylbenzene	0.26	0.20	EPA 8260C	5-22-13	5-22-13	
sec-Butylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
p-Isopropyltoluene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
n-Butylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	5-22-13	5-22-13	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Hexachlorobutadiene	ND	0.28	EPA 8260C	5-22-13	5-22-13	
Naphthalene	ND	1.4	EPA 8260C	5-22-13	5-22-13	
1,2,3-Trichlorobenzene	ND	0.30	EPA 8260C	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>103</i>	<i>66-120</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>63-120</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0522W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Chloromethane	ND	1.0	EPA 8260C	5-22-13	5-22-13	
Vinyl Chloride	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Bromomethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Chloroethane	ND	1.0	EPA 8260C	5-22-13	5-22-13	
Trichlorofluoromethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1-Dichloroethene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Acetone	ND	5.0	EPA 8260C	5-22-13	5-22-13	
Iodomethane	ND	1.0	EPA 8260C	5-22-13	5-22-13	
Carbon Disulfide	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Methylene Chloride	ND	1.0	EPA 8260C	5-22-13	5-22-13	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1-Dichloroethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Vinyl Acetate	ND	1.0	EPA 8260C	5-22-13	5-22-13	
2,2-Dichloropropane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
2-Butanone	ND	5.0	EPA 8260C	5-22-13	5-22-13	
Bromochloromethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Chloroform	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Carbon Tetrachloride	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1-Dichloropropene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Benzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2-Dichloroethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Trichloroethene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2-Dichloropropane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Dibromomethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Bromodichloromethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	5-22-13	5-22-13	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	5-22-13	5-22-13	
Toluene	ND	1.0	EPA 8260C	5-22-13	5-22-13	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	5-22-13	5-22-13	



Date of Report: May 29, 2013  
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**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0522W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Tetrachloroethene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,3-Dichloropropane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
2-Hexanone	ND	2.0	EPA 8260C	5-22-13	5-22-13	
Dibromochloromethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2-Dibromoethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Chlorobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Ethylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
m,p-Xylene	ND	0.40	EPA 8260C	5-22-13	5-22-13	
o-Xylene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Styrene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Bromoform	ND	1.0	EPA 8260C	5-22-13	5-22-13	
Isopropylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Bromobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	5-22-13	5-22-13	
n-Propylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
2-Chlorotoluene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
4-Chlorotoluene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
tert-Butylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
sec-Butylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
p-Isopropyltoluene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
n-Butylbenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	5-22-13	5-22-13	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	5-22-13	5-22-13	
Hexachlorobutadiene	ND	0.28	EPA 8260C	5-22-13	5-22-13	
Naphthalene	ND	1.4	EPA 8260C	5-22-13	5-22-13	
1,2,3-Trichlorobenzene	ND	0.30	EPA 8260C	5-22-13	5-22-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>103</i>	<i>66-120</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>96</i>	<i>63-120</i>				

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**VOLATILES by EPA 8260C  
 MS/MSD QUALITY CONTROL**

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD		Flags
	MS	MSD	MS	MSD	Result	Recovery	Limits	RPD	Limit		
<b>MATRIX SPIKES</b>											
Laboratory ID:	05-174-06										
	MS	MSD	MS	MSD		MS	MSD				
1,1-Dichloroethene	<b>10.3</b>	<b>10.7</b>	10.0	10.0	ND	103	107	62-141	4	15	
Benzene	<b>10.7</b>	<b>11.2</b>	10.0	10.0	ND	107	112	78-118	5	15	
Trichloroethene	<b>10.0</b>	<b>9.83</b>	10.0	10.0	ND	100	98	80-115	1	15	
Toluene	<b>10.1</b>	<b>10.0</b>	10.0	10.0	ND	101	100	80-116	1	15	
Chlorobenzene	<b>10.7</b>	<b>10.5</b>	10.0	10.0	ND	107	105	80-118	2	15	
<i>Surrogate:</i>											
<i>Dibromofluoromethane</i>						<i>107</i>	<i>110</i>	<i>66-120</i>			
<i>Toluene-d8</i>						<i>101</i>	<i>101</i>	<i>70-120</i>			
<i>4-Bromofluorobenzene</i>						<i>93</i>	<i>96</i>	<i>63-120</i>			

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**TOTAL ORGANIC CARBON  
 EPA 9060**

Matrix: Soil  
 Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-23-4</b>					
Laboratory ID:	05-179-01					
Total Organic Carbon	<b>0.47</b>	0.042	EPA 9060	5-22-13	5-22-13	
<b>Client ID:</b>	<b>B-23-18</b>					
Laboratory ID:	05-179-02					
Total Organic Carbon	<b>0.64</b>	0.043	EPA 9060	5-22-13	5-22-13	
<b>Client ID:</b>	<b>B-24-5.5</b>					
Laboratory ID:	05-179-03					
Total Organic Carbon	<b>0.79</b>	0.043	EPA 9060	5-22-13	5-22-13	
<b>Client ID:</b>	<b>B-24-28</b>					
Laboratory ID:	05-179-06					
Total Organic Carbon	<b>ND</b>	0.043	EPA 9060	5-22-13	5-22-13	
<b>Client ID:</b>	<b>B-25-3</b>					
Laboratory ID:	05-179-08					
Total Organic Carbon	<b>0.41</b>	0.042	EPA 9060	5-22-13	5-22-13	
<b>Client ID:</b>	<b>B-25-20</b>					
Laboratory ID:	05-179-09					
Total Organic Carbon	<b>0.94</b>	0.042	EPA 9060	5-22-13	5-22-13	
<b>Client ID:</b>	<b>B-25-24</b>					
Laboratory ID:	05-179-10					
Total Organic Carbon	<b>0.16</b>	0.042	EPA 9060	5-22-13	5-22-13	
<b>Client ID:</b>	<b>B-26-3.5</b>					
Laboratory ID:	05-179-11					
Total Organic Carbon	<b>1.2</b>	0.042	EPA 9060	5-22-13	5-22-13	
<b>Client ID:</b>	<b>B-26-8</b>					
Laboratory ID:	05-179-12					
Total Organic Carbon	<b>1.2</b>	0.042	EPA 9060	5-22-13	5-22-13	
<b>Client ID:</b>	<b>B-26-20</b>					
Laboratory ID:	05-179-13					
Total Organic Carbon	<b>0.95</b>	0.044	EPA 9060	5-22-13	5-22-13	

Date of Report: May 29, 2013  
 Samples Submitted: May 20, 2013  
 Laboratory Reference: 1305-179  
 Project: 060172

**TOTAL ORGANIC CARBON  
 EPA 9060  
 QUALITY CONTROL**

Matrix: Soil  
 Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB0522S1					
Total Organic Carbon	<b>ND</b>	0.042	EPA 9060	5-22-13	5-22-13	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	05-179-06							
	ORIG	DUP						
Total Organic Carbon	<b>ND</b>	<b>ND</b>	NA	NA	NA	NA	20	

<b>SPIKE BLANK</b>								
Laboratory ID:	SB0522S1							
	SB	SB		SB				
Total Organic Carbon	<b>44.6</b>	42.1	NA	106	80-120	NA	NA	

Date of Report: May 29, 2013  
Samples Submitted: May 20, 2013  
Laboratory Reference: 1305-179  
Project: 060172

**% MOISTURE**

Date Analyzed: 5-21-13

Client ID	Lab ID	% Moisture
B-23-4	05-179-01	10
B-23-18	05-179-02	14
B-24-5.5	05-179-03	24
B-24-20	05-179-04	16
B-24-24	05-179-05	25
B-24-28	05-179-06	14
B-25-3	05-179-08	14
B-25-20	05-179-09	16
B-25-24	05-179-10	20
B-26-3.5	05-179-11	9
B-26-8	05-179-12	24
B-26-20	05-179-13	18



### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- X1 - Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
- Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
- Z - Sample does not appear to contain detectable levels of mineral spirits.  
Result is caused by a single large peak within the calibration range (tetrachloroethene).

ND - Not Detected at PQL  
 PQL - Practical Quantitation Limit  
 RPD - Relative Percent Difference





**MVA OnSite Environmental Inc.**  
 Analytical Laboratory Testing Services  
 14648 NE 95th Street • Redmond, WA 98052  
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# Chain of Custody

**Turnaround Request**  
(In working days)

(Check One)

- Same Day  1 Day
- 2 Days  3 Days
- Standard (7 Days)  
(TPH analysis 5 Days)
- \_\_\_\_\_ (other)

**Laboratory Number:**

**05-179**

Company: **ASPECT**  
 Project Number: **060172**  
 Project Name: **SPIC N SPAN**  
 Project Manager: **JEREMY PORTER**  
 Sampled by: **AET**

Lab ID **Sample Identification** Date Sampled Time Sampled Matrix

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx mineral spirits	NWTPH-Dx	Volatiles <del>82600</del> 8260B	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals/ MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664A	TOC	% Moisture
1	<del>B-18-4</del> <sup>3</sup> B-23-24	5/18/13	0945	Soil	5			X		X											X	X
2	<del>B-18-18</del> B-23-18	5/18/13	1030	↓	5			X		X											X	X
3	<del>B-18-1</del> )-051813	5/18/13	1120	Soil	5			X		X											X	X
4	<del>B-19-20</del> B-24-20		1200	↓	5			X		X											X	X
5	<del>B-19-24</del> B-24-24		1220	↓	5			X		X											X	X
6	<del>B-19-28</del> B-24-28		1245	↓	5			X		X											X	X
7	<del>B-19-(23-28)</del> <sup>3</sup> 051813	5/18/13	1300	W	5			X		X											X	X
8	<del>B-20-3</del> B-25-3	5/18/13	1320	Soil	5			X		X											X	X

Relinquished Signature: *Am Ben* Company: *Aspect* Date: *5/20/13* Time: *130945* Comments/Special Instructions: *ASPECT*

Received Signature: *ASPECT* Company: *ASPECT* Date: *5/20/13* Time: *1335* Comments/Special Instructions: *ASPECT*

Relinquished Signature: \_\_\_\_\_ Company: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Comments/Special Instructions: \_\_\_\_\_

Received Signature: \_\_\_\_\_ Company: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Comments/Special Instructions: \_\_\_\_\_

Relinquished Signature: \_\_\_\_\_ Company: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Comments/Special Instructions: \_\_\_\_\_

Received Signature: \_\_\_\_\_ Company: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Comments/Special Instructions: \_\_\_\_\_

Reviewed/Date: \_\_\_\_\_ Reviewed/Date: \_\_\_\_\_

Chromatograms with final report







14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

October 2, 2013

Jeremy Porter  
Aspect Consulting  
401 2<sup>nd</sup> Avenue South, Suite 201  
Seattle, WA 98104

Re: Analytical Data for Project 060172  
Laboratory Reference No. 1309-197

Dear Jeremy:

Enclosed are the analytical results and associated quality control data for samples submitted on September 23, 2013.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister  
Project Manager

Enclosures

Date of Report: October 2, 2013  
Samples Submitted: September 23, 2013  
Laboratory Reference: 1309-197  
Project: 060172

### Case Narrative

Samples were collected on September 21, 2013 and received by the laboratory on September 23, 2013. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

#### NWTPH Gx Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

The surrogate recovery is outside of the control limits for samples B-27-19 and B-29-4.5 due to matrix effects. Both samples were re-extracted and re-analyzed with similar results.

The mineral spirits result for samples B-27-24, B-28-8.5 and B-28-16 is mainly attributed to a single peak (Tetrachloroethene).

The chromatograms for samples B-29-4.5 and B-29-20.5 are not similar to mineral spirits.

#### Volatiles EPA 8260C Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

**Please note that any other QA/QC issues associated with these extractions and analyses will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.**

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

### NWTPH-Gx

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-30-19</b>					
Laboratory ID:	09-197-01					
Mineral Spirits	<b>6.0</b>	4.8	NWTPH-Gx	9-27-13	9-30-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	101	71-121				
<b>Client ID:</b>	<b>B-30-23</b>					
Laboratory ID:	09-197-02					
Mineral Spirits	<b>53</b>	9.4	NWTPH-Gx	9-27-13	9-30-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	92	71-121				
<b>Client ID:</b>	<b>B-27-19</b>					
Laboratory ID:	09-197-04					
Mineral Spirits	<b>ND</b>	4.9	NWTPH-Gx	9-27-13	9-30-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	142	71-121				Q
<b>Client ID:</b>	<b>B-27-5</b>					
Laboratory ID:	09-197-05					
Mineral Spirits	<b>ND</b>	4.8	NWTPH-Gx	9-27-13	9-30-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	110	71-121				
<b>Client ID:</b>	<b>B-27-24</b>					
Laboratory ID:	09-197-06					
Mineral Spirits	<b>6.1</b>	4.6	NWTPH-Gx	9-27-13	9-30-13	Z
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	91	71-121				
<b>Client ID:</b>	<b>B-29-4.5</b>					
Laboratory ID:	09-197-08					
Mineral Spirits	<b>11</b>	5.0	NWTPH-Gx	9-27-13	9-30-13	T
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	131	71-121				Q

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

### NWTPH-Gx

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-29-24</b>					
Laboratory ID:	09-197-09					
Mineral Spirits	<b>ND</b>	4.2	NWTPH-Gx	9-27-13	9-30-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	112	71-121				
<b>Client ID:</b>	<b>B-29-20.9</b>					
Laboratory ID:	09-197-10					
Mineral Spirits	<b>20</b>	4.8	NWTPH-Gx	9-27-13	9-30-13	T
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	96	71-121				
<b>Client ID:</b>	<b>B-29-22</b>					
Laboratory ID:	09-197-11					
Mineral Spirits	<b>ND</b>	3.3	NWTPH-Gx	9-27-13	9-30-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	103	71-121				
<b>Client ID:</b>	<b>B-28-8.5</b>					
Laboratory ID:	09-197-12					
Mineral Spirits	<b>8.0</b>	4.6	NWTPH-Gx	9-27-13	9-30-13	Z
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	89	71-121				
<b>Client ID:</b>	<b>B-28-22</b>					
Laboratory ID:	09-197-13					
Mineral Spirits	<b>ND</b>	4.7	NWTPH-Gx	9-27-13	9-30-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	92	71-121				
<b>Client ID:</b>	<b>B-28-16</b>					
Laboratory ID:	09-197-14					
Mineral Spirits	<b>12</b>	5.0	NWTPH-Gx	9-27-13	9-30-13	Z
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	89	71-121				

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**NWTPH-Gx  
 QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB0927S2					
Mineral Spirits	<b>ND</b>	5.0	NWTPH-Gx	9-27-13	9-30-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	97	71-121				
Laboratory ID:	MB0927S4					
Mineral Spirits	<b>ND</b>	5.0	NWTPH-Gx	9-27-13	9-30-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	104	71-121				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	09-197-04							
	ORIG	DUP						
Mineral Spirits	<b>ND</b>	<b>ND</b>	NA	NA	NA	NA	30	
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				142	151	71-121		Q,Q
Laboratory ID:	09-197-05							
	ORIG	DUP						
Mineral Spirits	<b>ND</b>	<b>ND</b>	NA	NA	NA	NA	30	
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				110	114	71-121		

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**NWTPH-Gx**

Matrix: Water  
 Units: ug/L (ppb)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-30-(20-25)-092113</b>					
Laboratory ID:	09-197-03					
Mineral Spirits	<b>680</b>	400	NWTPH-Gx	9-30-13	9-30-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	89	71-112				
<b>Client ID:</b>	<b>B-27-(23-28)-092113</b>					
Laboratory ID:	09-197-07					
Mineral Spirits	<b>ND</b>	100	NWTPH-Gx	9-30-13	9-30-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	91	71-112				

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**NWTPH-Gx  
 QUALITY CONTROL**

Matrix: Water  
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB0930W3					
Mineral Spirits	<b>ND</b>	100	NWTPH-Gx	9-30-13	9-30-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	88	71-112				
Laboratory ID:	MB1001W1					
Mineral Spirits	<b>ND</b>	100	NWTPH-Gx	10-1-13	10-1-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	93	71-112				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	09-197-07							
	ORIG	DUP						
Mineral Spirits	<b>ND</b>	<b>ND</b>	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				91	102	71-112		



Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-30-19</b>					
Laboratory ID:	09-197-01					
Dichlorodifluoromethane	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
Chloromethane	ND	0.0040	EPA 8260C	9-25-13	9-25-13	
Vinyl Chloride	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
Bromomethane	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
Chloroethane	ND	0.0040	EPA 8260C	9-25-13	9-25-13	
Trichlorofluoromethane	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethene	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
Acetone	0.011	0.0040	EPA 8260C	9-25-13	9-25-13	Y
Iodomethane	ND	0.0040	EPA 8260C	9-25-13	9-25-13	
Carbon Disulfide	0.012	0.00079	EPA 8260C	9-25-13	9-25-13	
Methylene Chloride	ND	0.0040	EPA 8260C	9-25-13	9-25-13	
(trans) 1,2-Dichloroethene	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
Methyl t-Butyl Ether	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethane	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
Vinyl Acetate	ND	0.0040	EPA 8260C	9-25-13	9-25-13	
2,2-Dichloropropane	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
(cis) 1,2-Dichloroethene	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
2-Butanone	ND	0.0040	EPA 8260C	9-25-13	9-25-13	
Bromochloromethane	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
Chloroform	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
1,1,1-Trichloroethane	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
Carbon Tetrachloride	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloropropene	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
Benzene	0.0019	0.00079	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloroethane	0.0013	0.00079	EPA 8260C	9-25-13	9-25-13	
Trichloroethene	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloropropane	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
Dibromomethane	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
Bromodichloromethane	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
2-Chloroethyl Vinyl Ether	ND	0.0040	EPA 8260C	9-25-13	9-25-13	
(cis) 1,3-Dichloropropene	ND	0.00079	EPA 8260C	9-25-13	9-25-13	
Methyl Isobutyl Ketone	ND	0.0040	EPA 8260C	9-25-13	9-25-13	
Toluene	ND	0.0040	EPA 8260C	9-25-13	9-25-13	
(trans) 1,3-Dichloropropene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-30-19</b>					
Laboratory ID:	09-197-01					
1,1,2-Trichloroethane	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
Tetrachloroethene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
1,3-Dichloropropane	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
2-Hexanone	ND	0.0048	EPA 8260C	9-26-13	9-26-13	
Dibromochloromethane	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
1,2-Dibromoethane	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
Chlorobenzene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
1,1,1,2-Tetrachloroethane	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
Ethylbenzene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
m,p-Xylene	ND	0.0019	EPA 8260C	9-26-13	9-26-13	
o-Xylene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
Styrene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
Bromoform	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
Isopropylbenzene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
Bromobenzene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
1,1,2,2-Tetrachloroethane	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichloropropane	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
n-Propylbenzene	0.044	0.039	EPA 8260C	9-26-13	9-26-13	
2-Chlorotoluene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
4-Chlorotoluene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
1,3,5-Trimethylbenzene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
tert-Butylbenzene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trimethylbenzene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
sec-Butylbenzene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
1,3-Dichlorobenzene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
p-Isopropyltoluene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
1,4-Dichlorobenzene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
1,2-Dichlorobenzene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
n-Butylbenzene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
1,2-Dibromo-3-chloropropane	ND	0.0048	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trichlorobenzene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
Hexachlorobutadiene	ND	0.0048	EPA 8260C	9-26-13	9-26-13	
Naphthalene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichlorobenzene	ND	0.00096	EPA 8260C	9-26-13	9-26-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>126</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>73-124</i>				

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 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-30-23</b>					
Laboratory ID:	09-197-02					
Dichlorodifluoromethane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Chloromethane	ND	0.0031	EPA 8260C	9-26-13	9-26-13	
Vinyl Chloride	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Bromomethane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Chloroethane	ND	0.0031	EPA 8260C	9-26-13	9-26-13	
Trichlorofluoromethane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
1,1-Dichloroethene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Acetone	0.018	0.0031	EPA 8260C	9-26-13	9-26-13	Y
Iodomethane	ND	0.0031	EPA 8260C	9-26-13	9-26-13	
Carbon Disulfide	0.0059	0.00061	EPA 8260C	9-26-13	9-26-13	
Methylene Chloride	ND	0.0031	EPA 8260C	9-26-13	9-26-13	
(trans) 1,2-Dichloroethene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Methyl t-Butyl Ether	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
1,1-Dichloroethane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Vinyl Acetate	ND	0.0031	EPA 8260C	9-26-13	9-26-13	
2,2-Dichloropropane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
(cis) 1,2-Dichloroethene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
2-Butanone	ND	0.0031	EPA 8260C	9-26-13	9-26-13	
Bromochloromethane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Chloroform	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
1,1,1-Trichloroethane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Carbon Tetrachloride	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
1,1-Dichloropropene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Benzene	0.0010	0.00061	EPA 8260C	9-26-13	9-26-13	
1,2-Dichloroethane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Trichloroethene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
1,2-Dichloropropane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Dibromomethane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Bromodichloromethane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
2-Chloroethyl Vinyl Ether	ND	0.0031	EPA 8260C	9-26-13	9-26-13	
(cis) 1,3-Dichloropropene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Methyl Isobutyl Ketone	ND	0.0031	EPA 8260C	9-26-13	9-26-13	
Toluene	ND	0.0031	EPA 8260C	9-26-13	9-26-13	
(trans) 1,3-Dichloropropene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	

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 Laboratory Reference: 1309-197  
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**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-30-23</b>					
Laboratory ID:	09-197-02					
1,1,2-Trichloroethane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Tetrachloroethene	0.00083	0.00061	EPA 8260C	9-26-13	9-26-13	
1,3-Dichloropropane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
2-Hexanone	ND	0.0031	EPA 8260C	9-26-13	9-26-13	
Dibromochloromethane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
1,2-Dibromoethane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Chlorobenzene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
1,1,1,2-Tetrachloroethane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Ethylbenzene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
m,p-Xylene	ND	0.0012	EPA 8260C	9-26-13	9-26-13	
o-Xylene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Styrene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Bromoform	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Isopropylbenzene	0.0029	0.00061	EPA 8260C	9-26-13	9-26-13	
Bromobenzene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
1,1,2,2-Tetrachloroethane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichloropropane	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
n-Propylbenzene	0.0033	0.00061	EPA 8260C	9-26-13	9-26-13	
2-Chlorotoluene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
4-Chlorotoluene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
1,3,5-Trimethylbenzene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
tert-Butylbenzene	0.00080	0.00061	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trimethylbenzene	0.0012	0.00061	EPA 8260C	9-26-13	9-26-13	
sec-Butylbenzene	0.0065	0.00061	EPA 8260C	9-26-13	9-26-13	
1,3-Dichlorobenzene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
p-Isopropyltoluene	0.0083	0.00061	EPA 8260C	9-26-13	9-26-13	
1,4-Dichlorobenzene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
1,2-Dichlorobenzene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
n-Butylbenzene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
1,2-Dibromo-3-chloropropane	ND	0.0031	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trichlorobenzene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
Hexachlorobutadiene	ND	0.0031	EPA 8260C	9-26-13	9-26-13	
Naphthalene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichlorobenzene	ND	0.00061	EPA 8260C	9-26-13	9-26-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>106</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>107</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>107</i>	<i>73-124</i>				

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-27-19</b>					
Laboratory ID:	09-197-04					
Dichlorodifluoromethane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Chloromethane	ND	0.0032	EPA 8260C	9-25-13	9-25-13	
Vinyl Chloride	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Bromomethane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Chloroethane	ND	0.0032	EPA 8260C	9-25-13	9-25-13	
Trichlorofluoromethane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Acetone	ND	0.0032	EPA 8260C	9-25-13	9-25-13	
Iodomethane	ND	0.0032	EPA 8260C	9-25-13	9-25-13	
Carbon Disulfide	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Methylene Chloride	ND	0.0032	EPA 8260C	9-25-13	9-25-13	
(trans) 1,2-Dichloroethene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Methyl t-Butyl Ether	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Vinyl Acetate	ND	0.0032	EPA 8260C	9-25-13	9-25-13	
2,2-Dichloropropane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
(cis) 1,2-Dichloroethene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
2-Butanone	ND	0.0032	EPA 8260C	9-25-13	9-25-13	
Bromochloromethane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Chloroform	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
1,1,1-Trichloroethane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Carbon Tetrachloride	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloropropene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Benzene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloroethane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Trichloroethene	0.0016	0.00065	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloropropane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Dibromomethane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Bromodichloromethane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
2-Chloroethyl Vinyl Ether	ND	0.0032	EPA 8260C	9-25-13	9-25-13	
(cis) 1,3-Dichloropropene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Methyl Isobutyl Ketone	ND	0.0032	EPA 8260C	9-25-13	9-25-13	
Toluene	ND	0.0032	EPA 8260C	9-25-13	9-25-13	
(trans) 1,3-Dichloropropene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-27-19</b>					
Laboratory ID:	09-197-04					
1,1,2-Trichloroethane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Tetrachloroethene	0.013	0.00065	EPA 8260C	9-25-13	9-25-13	
1,3-Dichloropropane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
2-Hexanone	ND	0.0032	EPA 8260C	9-25-13	9-25-13	
Dibromochloromethane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
1,2-Dibromoethane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Chlorobenzene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
1,1,1,2-Tetrachloroethane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Ethylbenzene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
m,p-Xylene	ND	0.0013	EPA 8260C	9-25-13	9-25-13	
o-Xylene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Styrene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Bromoform	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Isopropylbenzene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Bromobenzene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
1,1,2,2-Tetrachloroethane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
1,2,3-Trichloropropane	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
n-Propylbenzene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
2-Chlorotoluene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
4-Chlorotoluene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
1,3,5-Trimethylbenzene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
tert-Butylbenzene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
1,2,4-Trimethylbenzene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
sec-Butylbenzene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
1,3-Dichlorobenzene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
p-Isopropyltoluene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
1,4-Dichlorobenzene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
1,2-Dichlorobenzene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
n-Butylbenzene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
1,2-Dibromo-3-chloropropane	ND	0.0032	EPA 8260C	9-25-13	9-25-13	
1,2,4-Trichlorobenzene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
Hexachlorobutadiene	ND	0.0032	EPA 8260C	9-25-13	9-25-13	
Naphthalene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
1,2,3-Trichlorobenzene	ND	0.00065	EPA 8260C	9-25-13	9-25-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>73-124</i>				

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-27-5</b>					
Laboratory ID:	09-197-05					
Dichlorodifluoromethane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Chloromethane	ND	0.0037	EPA 8260C	9-25-13	9-25-13	
Vinyl Chloride	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Bromomethane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Chloroethane	ND	0.0037	EPA 8260C	9-25-13	9-25-13	
Trichlorofluoromethane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Acetone	0.052	0.0037	EPA 8260C	9-25-13	9-25-13	Y
Iodomethane	ND	0.0037	EPA 8260C	9-25-13	9-25-13	
Carbon Disulfide	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Methylene Chloride	ND	0.0037	EPA 8260C	9-25-13	9-25-13	
(trans) 1,2-Dichloroethene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Methyl t-Butyl Ether	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Vinyl Acetate	ND	0.0037	EPA 8260C	9-25-13	9-25-13	
2,2-Dichloropropane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
(cis) 1,2-Dichloroethene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
2-Butanone	ND	0.0037	EPA 8260C	9-25-13	9-25-13	
Bromochloromethane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Chloroform	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
1,1,1-Trichloroethane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Carbon Tetrachloride	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloropropene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Benzene	0.0014	0.00075	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloroethane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Trichloroethene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloropropane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Dibromomethane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Bromodichloromethane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
2-Chloroethyl Vinyl Ether	ND	0.0037	EPA 8260C	9-25-13	9-25-13	
(cis) 1,3-Dichloropropene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Methyl Isobutyl Ketone	ND	0.0037	EPA 8260C	9-25-13	9-25-13	
Toluene	ND	0.0037	EPA 8260C	9-25-13	9-25-13	
(trans) 1,3-Dichloropropene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-27-5</b>					
Laboratory ID:	09-197-05					
1,1,2-Trichloroethane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Tetrachloroethene	0.37	0.034	EPA 8260C	9-26-13	9-26-13	
1,3-Dichloropropane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
2-Hexanone	ND	0.0037	EPA 8260C	9-25-13	9-25-13	
Dibromochloromethane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
1,2-Dibromoethane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Chlorobenzene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
1,1,1,2-Tetrachloroethane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Ethylbenzene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
m,p-Xylene	ND	0.0015	EPA 8260C	9-25-13	9-25-13	
o-Xylene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Styrene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Bromoform	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Isopropylbenzene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Bromobenzene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
1,1,2,2-Tetrachloroethane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
1,2,3-Trichloropropane	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
n-Propylbenzene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
2-Chlorotoluene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
4-Chlorotoluene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
1,3,5-Trimethylbenzene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
tert-Butylbenzene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
1,2,4-Trimethylbenzene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
sec-Butylbenzene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
1,3-Dichlorobenzene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
p-Isopropyltoluene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
1,4-Dichlorobenzene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
1,2-Dichlorobenzene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
n-Butylbenzene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
1,2-Dibromo-3-chloropropane	ND	0.0037	EPA 8260C	9-25-13	9-25-13	
1,2,4-Trichlorobenzene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
Hexachlorobutadiene	ND	0.0037	EPA 8260C	9-25-13	9-25-13	
Naphthalene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
1,2,3-Trichlorobenzene	ND	0.00075	EPA 8260C	9-25-13	9-25-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>92</i>	<i>73-124</i>				



Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-27-24</b>					
Laboratory ID:	09-197-06					
Dichlorodifluoromethane	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Chloromethane	ND	0.0048	EPA 8260C	9-25-13	9-25-13	
Vinyl Chloride	0.0018	0.00097	EPA 8260C	9-25-13	9-25-13	
Bromomethane	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Chloroethane	ND	0.0048	EPA 8260C	9-25-13	9-25-13	
Trichlorofluoromethane	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethene	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Acetone	0.0062	0.0048	EPA 8260C	9-25-13	9-25-13	Y
Iodomethane	ND	0.0048	EPA 8260C	9-25-13	9-25-13	
Carbon Disulfide	0.0018	0.00097	EPA 8260C	9-25-13	9-25-13	
Methylene Chloride	ND	0.0048	EPA 8260C	9-25-13	9-25-13	
(trans) 1,2-Dichloroethene	0.0019	0.00097	EPA 8260C	9-25-13	9-25-13	
Methyl t-Butyl Ether	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethane	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Vinyl Acetate	ND	0.0048	EPA 8260C	9-25-13	9-25-13	
2,2-Dichloropropane	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
(cis) 1,2-Dichloroethene	0.079	0.00097	EPA 8260C	9-25-13	9-25-13	
2-Butanone	ND	0.0048	EPA 8260C	9-25-13	9-25-13	
Bromochloromethane	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Chloroform	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
1,1,1-Trichloroethane	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Carbon Tetrachloride	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloropropene	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Benzene	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloroethane	0.0020	0.00097	EPA 8260C	9-25-13	9-25-13	
Trichloroethene	0.020	0.00097	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloropropane	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Dibromomethane	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Bromodichloromethane	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260C	9-25-13	9-25-13	
(cis) 1,3-Dichloropropene	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260C	9-25-13	9-25-13	
Toluene	ND	0.0048	EPA 8260C	9-25-13	9-25-13	
(trans) 1,3-Dichloropropene	ND	0.00097	EPA 8260C	9-25-13	9-25-13	

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-27-24</b>					
Laboratory ID:	09-197-06					
1,1,2-Trichloroethane	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Tetrachloroethene	3.6	0.086	EPA 8260C	9-26-13	9-26-13	
1,3-Dichloropropane	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
2-Hexanone	ND	0.0048	EPA 8260C	9-25-13	9-25-13	
Dibromochloromethane	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
1,2-Dibromoethane	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Chlorobenzene	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
1,1,1,2-Tetrachloroethane	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Ethylbenzene	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
m,p-Xylene	ND	0.0019	EPA 8260C	9-25-13	9-25-13	
o-Xylene	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Styrene	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Bromoform	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Isopropylbenzene	ND	0.00097	EPA 8260C	9-25-13	9-25-13	
Bromobenzene	ND	0.086	EPA 8260C	9-26-13	9-26-13	
1,1,2,2-Tetrachloroethane	ND	0.086	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichloropropane	ND	0.086	EPA 8260C	9-26-13	9-26-13	
n-Propylbenzene	ND	0.086	EPA 8260C	9-26-13	9-26-13	
2-Chlorotoluene	ND	0.086	EPA 8260C	9-26-13	9-26-13	
4-Chlorotoluene	ND	0.086	EPA 8260C	9-26-13	9-26-13	
1,3,5-Trimethylbenzene	ND	0.086	EPA 8260C	9-26-13	9-26-13	
tert-Butylbenzene	ND	0.086	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trimethylbenzene	ND	0.086	EPA 8260C	9-26-13	9-26-13	
sec-Butylbenzene	ND	0.086	EPA 8260C	9-26-13	9-26-13	
1,3-Dichlorobenzene	ND	0.086	EPA 8260C	9-26-13	9-26-13	
p-Isopropyltoluene	ND	0.086	EPA 8260C	9-26-13	9-26-13	
1,4-Dichlorobenzene	ND	0.086	EPA 8260C	9-26-13	9-26-13	
1,2-Dichlorobenzene	ND	0.086	EPA 8260C	9-26-13	9-26-13	
n-Butylbenzene	ND	0.086	EPA 8260C	9-26-13	9-26-13	
1,2-Dibromo-3-chloropropane	ND	0.43	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trichlorobenzene	ND	0.086	EPA 8260C	9-26-13	9-26-13	
Hexachlorobutadiene	ND	0.43	EPA 8260C	9-26-13	9-26-13	
Naphthalene	ND	0.086	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichlorobenzene	ND	0.086	EPA 8260C	9-26-13	9-26-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>109</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>85</i>	<i>73-124</i>				

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-29-4.5</b>					
Laboratory ID:	09-197-08					
Dichlorodifluoromethane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Chloromethane	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
Vinyl Chloride	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Bromomethane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Chloroethane	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
Trichlorofluoromethane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Acetone	0.017	0.0031	EPA 8260C	9-25-13	9-25-13	Y
Iodomethane	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
Carbon Disulfide	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Methylene Chloride	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
(trans) 1,2-Dichloroethene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Methyl t-Butyl Ether	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Vinyl Acetate	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
2,2-Dichloropropane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
(cis) 1,2-Dichloroethene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
2-Butanone	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
Bromochloromethane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Chloroform	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,1,1-Trichloroethane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Carbon Tetrachloride	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloropropene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Benzene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloroethane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Trichloroethene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloropropane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Dibromomethane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Bromodichloromethane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
2-Chloroethyl Vinyl Ether	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
(cis) 1,3-Dichloropropene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Methyl Isobutyl Ketone	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
Toluene	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
(trans) 1,3-Dichloropropene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-29-4.5</b>					
Laboratory ID:	09-197-08					
1,1,2-Trichloroethane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Tetrachloroethene	4.1	0.090	EPA 8260C	9-26-13	9-26-13	
1,3-Dichloropropane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
2-Hexanone	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
Dibromochloromethane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,2-Dibromoethane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Chlorobenzene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,1,1,2-Tetrachloroethane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Ethylbenzene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
m,p-Xylene	ND	0.0012	EPA 8260C	9-25-13	9-25-13	
o-Xylene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Styrene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Bromoform	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Isopropylbenzene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Bromobenzene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,1,2,2-Tetrachloroethane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,2,3-Trichloropropane	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
n-Propylbenzene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
2-Chlorotoluene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
4-Chlorotoluene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,3,5-Trimethylbenzene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
tert-Butylbenzene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,2,4-Trimethylbenzene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
sec-Butylbenzene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,3-Dichlorobenzene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
p-Isopropyltoluene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,4-Dichlorobenzene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,2-Dichlorobenzene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
n-Butylbenzene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,2-Dibromo-3-chloropropane	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
1,2,4-Trichlorobenzene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
Hexachlorobutadiene	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
Naphthalene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
1,2,3-Trichlorobenzene	ND	0.00061	EPA 8260C	9-25-13	9-25-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>103</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>85</i>	<i>73-124</i>				

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-29-24</b>					
Laboratory ID:	09-197-09					
Dichlorodifluoromethane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Chloromethane	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
Vinyl Chloride	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Bromomethane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Chloroethane	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
Trichlorofluoromethane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Acetone	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
Iodomethane	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
Carbon Disulfide	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Methylene Chloride	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
(trans) 1,2-Dichloroethene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Methyl t-Butyl Ether	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Vinyl Acetate	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
2,2-Dichloropropane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
(cis) 1,2-Dichloroethene	0.0015	0.00063	EPA 8260C	9-25-13	9-25-13	
2-Butanone	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
Bromochloromethane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Chloroform	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,1,1-Trichloroethane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Carbon Tetrachloride	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloropropene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Benzene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloroethane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Trichloroethene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloropropane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Dibromomethane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Bromodichloromethane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
2-Chloroethyl Vinyl Ether	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
(cis) 1,3-Dichloropropene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Methyl Isobutyl Ketone	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
Toluene	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
(trans) 1,3-Dichloropropene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-29-24</b>					
Laboratory ID:	09-197-09					
1,1,2-Trichloroethane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Tetrachloroethene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,3-Dichloropropane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
2-Hexanone	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
Dibromochloromethane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,2-Dibromoethane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Chlorobenzene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,1,1,2-Tetrachloroethane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Ethylbenzene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
m,p-Xylene	ND	0.0013	EPA 8260C	9-25-13	9-25-13	
o-Xylene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Styrene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Bromoform	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Isopropylbenzene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Bromobenzene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,1,2,2-Tetrachloroethane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,2,3-Trichloropropane	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
n-Propylbenzene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
2-Chlorotoluene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
4-Chlorotoluene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,3,5-Trimethylbenzene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
tert-Butylbenzene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,2,4-Trimethylbenzene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
sec-Butylbenzene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,3-Dichlorobenzene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
p-Isopropyltoluene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,4-Dichlorobenzene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,2-Dichlorobenzene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
n-Butylbenzene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,2-Dibromo-3-chloropropane	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
1,2,4-Trichlorobenzene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
Hexachlorobutadiene	ND	0.0031	EPA 8260C	9-25-13	9-25-13	
Naphthalene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
1,2,3-Trichlorobenzene	ND	0.00063	EPA 8260C	9-25-13	9-25-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>73-124</i>				

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-29-20.9</b>					
Laboratory ID:	09-197-10					
Dichlorodifluoromethane	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Chloromethane	ND	0.0039	EPA 8260C	9-25-13	9-25-13	
Vinyl Chloride	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Bromomethane	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Chloroethane	ND	0.0039	EPA 8260C	9-25-13	9-25-13	
Trichlorofluoromethane	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethene	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Acetone	0.0088	0.0039	EPA 8260C	9-25-13	9-25-13	Y
Iodomethane	ND	0.0039	EPA 8260C	9-25-13	9-25-13	
Carbon Disulfide	0.0011	0.00078	EPA 8260C	9-25-13	9-25-13	
Methylene Chloride	ND	0.0039	EPA 8260C	9-25-13	9-25-13	
(trans) 1,2-Dichloroethene	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Methyl t-Butyl Ether	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethane	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Vinyl Acetate	ND	0.0039	EPA 8260C	9-25-13	9-25-13	
2,2-Dichloropropane	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
(cis) 1,2-Dichloroethene	0.0091	0.00078	EPA 8260C	9-25-13	9-25-13	
2-Butanone	ND	0.0039	EPA 8260C	9-25-13	9-25-13	
Bromochloromethane	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Chloroform	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
1,1,1-Trichloroethane	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Carbon Tetrachloride	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloropropene	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Benzene	0.0023	0.00078	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloroethane	0.0030	0.00078	EPA 8260C	9-25-13	9-25-13	
Trichloroethene	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloropropane	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Dibromomethane	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Bromodichloromethane	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
2-Chloroethyl Vinyl Ether	ND	0.0039	EPA 8260C	9-25-13	9-25-13	
(cis) 1,3-Dichloropropene	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Methyl Isobutyl Ketone	ND	0.0039	EPA 8260C	9-25-13	9-25-13	
Toluene	ND	0.0039	EPA 8260C	9-25-13	9-25-13	
(trans) 1,3-Dichloropropene	ND	0.00078	EPA 8260C	9-25-13	9-25-13	

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-29-20.9</b>					
Laboratory ID:	09-197-10					
1,1,2-Trichloroethane	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Tetrachloroethene	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
1,3-Dichloropropane	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
2-Hexanone	ND	0.0039	EPA 8260C	9-25-13	9-25-13	
Dibromochloromethane	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
1,2-Dibromoethane	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Chlorobenzene	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
1,1,1,2-Tetrachloroethane	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Ethylbenzene	0.00098	0.00078	EPA 8260C	9-25-13	9-25-13	
m,p-Xylene	ND	0.0016	EPA 8260C	9-25-13	9-25-13	
o-Xylene	0.0010	0.00078	EPA 8260C	9-25-13	9-25-13	
Styrene	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Bromoform	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Isopropylbenzene	ND	0.00078	EPA 8260C	9-25-13	9-25-13	
Bromobenzene	ND	0.051	EPA 8260C	9-26-13	9-26-13	
1,1,2,2-Tetrachloroethane	ND	0.051	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichloropropane	ND	0.051	EPA 8260C	9-26-13	9-26-13	
n-Propylbenzene	ND	0.051	EPA 8260C	9-26-13	9-26-13	
2-Chlorotoluene	ND	0.051	EPA 8260C	9-26-13	9-26-13	
4-Chlorotoluene	ND	0.051	EPA 8260C	9-26-13	9-26-13	
1,3,5-Trimethylbenzene	ND	0.051	EPA 8260C	9-26-13	9-26-13	
tert-Butylbenzene	ND	0.051	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trimethylbenzene	ND	0.051	EPA 8260C	9-26-13	9-26-13	
sec-Butylbenzene	ND	0.051	EPA 8260C	9-26-13	9-26-13	
1,3-Dichlorobenzene	ND	0.051	EPA 8260C	9-26-13	9-26-13	
p-Isopropyltoluene	ND	0.051	EPA 8260C	9-26-13	9-26-13	
1,4-Dichlorobenzene	ND	0.051	EPA 8260C	9-26-13	9-26-13	
1,2-Dichlorobenzene	ND	0.051	EPA 8260C	9-26-13	9-26-13	
n-Butylbenzene	ND	0.051	EPA 8260C	9-26-13	9-26-13	
1,2-Dibromo-3-chloropropane	ND	0.25	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trichlorobenzene	ND	0.051	EPA 8260C	9-26-13	9-26-13	
Hexachlorobutadiene	ND	0.25	EPA 8260C	9-26-13	9-26-13	
Naphthalene	2.0	0.051	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichlorobenzene	ND	0.051	EPA 8260C	9-26-13	9-26-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>108</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>87</i>	<i>73-124</i>				



Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-29-22</b>					
Laboratory ID:	09-197-11					
Dichlorodifluoromethane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Chloromethane	ND	0.0020	EPA 8260C	9-26-13	9-26-13	
Vinyl Chloride	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Bromomethane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Chloroethane	ND	0.0020	EPA 8260C	9-26-13	9-26-13	
Trichlorofluoromethane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,1-Dichloroethene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Acetone	0.0023	0.0020	EPA 8260C	9-26-13	9-26-13	Y
Iodomethane	ND	0.0020	EPA 8260C	9-26-13	9-26-13	
Carbon Disulfide	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Methylene Chloride	ND	0.0020	EPA 8260C	9-26-13	9-26-13	
(trans) 1,2-Dichloroethene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Methyl t-Butyl Ether	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,1-Dichloroethane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Vinyl Acetate	ND	0.0020	EPA 8260C	9-26-13	9-26-13	
2,2-Dichloropropane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
(cis) 1,2-Dichloroethene	0.0053	0.00041	EPA 8260C	9-26-13	9-26-13	
2-Butanone	ND	0.0020	EPA 8260C	9-26-13	9-26-13	
Bromochloromethane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Chloroform	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,1,1-Trichloroethane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Carbon Tetrachloride	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,1-Dichloropropene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Benzene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,2-Dichloroethane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Trichloroethene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,2-Dichloropropane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Dibromomethane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Bromodichloromethane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
2-Chloroethyl Vinyl Ether	ND	0.0020	EPA 8260C	9-26-13	9-26-13	
(cis) 1,3-Dichloropropene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Methyl Isobutyl Ketone	ND	0.0020	EPA 8260C	9-26-13	9-26-13	
Toluene	ND	0.0020	EPA 8260C	9-26-13	9-26-13	
(trans) 1,3-Dichloropropene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-29-22</b>					
Laboratory ID:	09-197-11					
1,1,2-Trichloroethane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Tetrachloroethene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,3-Dichloropropane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
2-Hexanone	ND	0.0020	EPA 8260C	9-26-13	9-26-13	
Dibromochloromethane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,2-Dibromoethane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Chlorobenzene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,1,1,2-Tetrachloroethane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Ethylbenzene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
m,p-Xylene	ND	0.00082	EPA 8260C	9-26-13	9-26-13	
o-Xylene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Styrene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Bromoform	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Isopropylbenzene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Bromobenzene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,1,2,2-Tetrachloroethane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichloropropane	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
n-Propylbenzene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
2-Chlorotoluene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
4-Chlorotoluene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,3,5-Trimethylbenzene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
tert-Butylbenzene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trimethylbenzene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
sec-Butylbenzene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,3-Dichlorobenzene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
p-Isopropyltoluene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,4-Dichlorobenzene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,2-Dichlorobenzene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
n-Butylbenzene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,2-Dibromo-3-chloropropane	ND	0.0020	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trichlorobenzene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
Hexachlorobutadiene	ND	0.0020	EPA 8260C	9-26-13	9-26-13	
Naphthalene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichlorobenzene	ND	0.00041	EPA 8260C	9-26-13	9-26-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>109</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>107</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>73-124</i>				

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-28-8.5</b>					
Laboratory ID:	09-197-12					
Dichlorodifluoromethane	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Chloromethane	ND	0.0036	EPA 8260C	9-25-13	9-25-13	
Vinyl Chloride	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Bromomethane	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Chloroethane	ND	0.0036	EPA 8260C	9-25-13	9-25-13	
Trichlorofluoromethane	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethene	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Acetone	0.014	0.0036	EPA 8260C	9-25-13	9-25-13	Y
Iodomethane	ND	0.0036	EPA 8260C	9-25-13	9-25-13	
Carbon Disulfide	0.0010	0.00072	EPA 8260C	9-25-13	9-25-13	
Methylene Chloride	ND	0.0036	EPA 8260C	9-25-13	9-25-13	
(trans) 1,2-Dichloroethene	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Methyl t-Butyl Ether	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethane	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Vinyl Acetate	ND	0.0036	EPA 8260C	9-25-13	9-25-13	
2,2-Dichloropropane	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
(cis) 1,2-Dichloroethene	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
2-Butanone	ND	0.0036	EPA 8260C	9-25-13	9-25-13	
Bromochloromethane	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Chloroform	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
1,1,1-Trichloroethane	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Carbon Tetrachloride	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloropropene	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Benzene	0.0012	0.00072	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloroethane	0.0038	0.00072	EPA 8260C	9-25-13	9-25-13	
Trichloroethene	0.0029	0.00072	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloropropane	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Dibromomethane	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Bromodichloromethane	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
2-Chloroethyl Vinyl Ether	ND	0.0036	EPA 8260C	9-25-13	9-25-13	
(cis) 1,3-Dichloropropene	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Methyl Isobutyl Ketone	ND	0.0036	EPA 8260C	9-25-13	9-25-13	
Toluene	ND	0.0036	EPA 8260C	9-25-13	9-25-13	
(trans) 1,3-Dichloropropene	ND	0.00072	EPA 8260C	9-25-13	9-25-13	

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-28-8.5</b>					
Laboratory ID:	09-197-12					
1,1,2-Trichloroethane	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Tetrachloroethene	9.6	0.11	EPA 8260C	9-26-13	9-26-13	
1,3-Dichloropropane	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
2-Hexanone	ND	0.0036	EPA 8260C	9-25-13	9-25-13	
Dibromochloromethane	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
1,2-Dibromoethane	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Chlorobenzene	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
1,1,1,2-Tetrachloroethane	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Ethylbenzene	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
m,p-Xylene	ND	0.0014	EPA 8260C	9-25-13	9-25-13	
o-Xylene	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Styrene	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Bromoform	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Isopropylbenzene	ND	0.00072	EPA 8260C	9-25-13	9-25-13	
Bromobenzene	ND	0.11	EPA 8260C	9-26-13	9-26-13	
1,1,2,2-Tetrachloroethane	ND	0.11	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichloropropane	ND	0.11	EPA 8260C	9-26-13	9-26-13	
n-Propylbenzene	ND	0.11	EPA 8260C	9-26-13	9-26-13	
2-Chlorotoluene	ND	0.11	EPA 8260C	9-26-13	9-26-13	
4-Chlorotoluene	ND	0.11	EPA 8260C	9-26-13	9-26-13	
1,3,5-Trimethylbenzene	ND	0.11	EPA 8260C	9-26-13	9-26-13	
tert-Butylbenzene	ND	0.11	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trimethylbenzene	ND	0.11	EPA 8260C	9-26-13	9-26-13	
sec-Butylbenzene	ND	0.11	EPA 8260C	9-26-13	9-26-13	
1,3-Dichlorobenzene	ND	0.11	EPA 8260C	9-26-13	9-26-13	
p-Isopropyltoluene	ND	0.11	EPA 8260C	9-26-13	9-26-13	
1,4-Dichlorobenzene	ND	0.11	EPA 8260C	9-26-13	9-26-13	
1,2-Dichlorobenzene	ND	0.11	EPA 8260C	9-26-13	9-26-13	
n-Butylbenzene	ND	0.11	EPA 8260C	9-26-13	9-26-13	
1,2-Dibromo-3-chloropropane	ND	0.53	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trichlorobenzene	ND	0.11	EPA 8260C	9-26-13	9-26-13	
Hexachlorobutadiene	ND	0.53	EPA 8260C	9-26-13	9-26-13	
Naphthalene	ND	0.11	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichlorobenzene	ND	0.11	EPA 8260C	9-26-13	9-26-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>109</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>87</i>	<i>73-124</i>				

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-28-22</b>					
Laboratory ID:	09-197-13					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Chloromethane	ND	0.0057	EPA 8260C	9-26-13	9-26-13	
Vinyl Chloride	0.0014	0.0011	EPA 8260C	9-26-13	9-26-13	
Bromomethane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Chloroethane	ND	0.0057	EPA 8260C	9-26-13	9-26-13	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Acetone	ND	0.0057	EPA 8260C	9-26-13	9-26-13	
Iodomethane	ND	0.0057	EPA 8260C	9-26-13	9-26-13	
Carbon Disulfide	0.0015	0.0011	EPA 8260C	9-26-13	9-26-13	
Methylene Chloride	ND	0.0057	EPA 8260C	9-26-13	9-26-13	
(trans) 1,2-Dichloroethene	0.0057	0.0011	EPA 8260C	9-26-13	9-26-13	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Vinyl Acetate	ND	0.0057	EPA 8260C	9-26-13	9-26-13	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
(cis) 1,2-Dichloroethene	0.19	0.0011	EPA 8260C	9-26-13	9-26-13	
2-Butanone	ND	0.0057	EPA 8260C	9-26-13	9-26-13	
Bromochloromethane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Chloroform	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Benzene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Trichloroethene	0.0075	0.0011	EPA 8260C	9-26-13	9-26-13	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Dibromomethane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Bromodichloromethane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
2-Chloroethyl Vinyl Ether	ND	0.0057	EPA 8260C	9-26-13	9-26-13	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Methyl Isobutyl Ketone	ND	0.0057	EPA 8260C	9-26-13	9-26-13	
Toluene	ND	0.0057	EPA 8260C	9-26-13	9-26-13	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-28-22</b>					
Laboratory ID:	09-197-13					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Tetrachloroethene	0.011	0.0011	EPA 8260C	9-26-13	9-26-13	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
2-Hexanone	ND	0.0057	EPA 8260C	9-26-13	9-26-13	
Dibromochloromethane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Chlorobenzene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Ethylbenzene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
m,p-Xylene	ND	0.0023	EPA 8260C	9-26-13	9-26-13	
o-Xylene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Styrene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Bromoform	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Isopropylbenzene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Bromobenzene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
n-Propylbenzene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
2-Chlorotoluene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
4-Chlorotoluene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
tert-Butylbenzene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
sec-Butylbenzene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
n-Butylbenzene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
1,2-Dibromo-3-chloropropane	ND	0.0057	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
Hexachlorobutadiene	ND	0.0057	EPA 8260C	9-26-13	9-26-13	
Naphthalene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	9-26-13	9-26-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>102</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>73-124</i>				

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-28-16</b>					
Laboratory ID:	09-197-14					
Dichlorodifluoromethane	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Chloromethane	ND	0.0043	EPA 8260C	9-25-13	9-25-13	
Vinyl Chloride	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Bromomethane	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Chloroethane	ND	0.0043	EPA 8260C	9-25-13	9-25-13	
Trichlorofluoromethane	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethene	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Acetone	0.028	0.0043	EPA 8260C	9-25-13	9-25-13	Y
Iodomethane	ND	0.0043	EPA 8260C	9-25-13	9-25-13	
Carbon Disulfide	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Methylene Chloride	ND	0.0043	EPA 8260C	9-25-13	9-25-13	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Methyl t-Butyl Ether	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethane	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Vinyl Acetate	ND	0.0043	EPA 8260C	9-25-13	9-25-13	
2,2-Dichloropropane	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
2-Butanone	0.0057	0.0043	EPA 8260C	9-25-13	9-25-13	Y
Bromochloromethane	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Chloroform	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
1,1,1-Trichloroethane	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Carbon Tetrachloride	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloropropene	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Benzene	0.0014	0.00085	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloroethane	0.0012	0.00085	EPA 8260C	9-25-13	9-25-13	
Trichloroethene	0.0034	0.00085	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloropropane	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Dibromomethane	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Bromodichloromethane	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
2-Chloroethyl Vinyl Ether	ND	0.0043	EPA 8260C	9-25-13	9-25-13	
(cis) 1,3-Dichloropropene	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Methyl Isobutyl Ketone	ND	0.0043	EPA 8260C	9-25-13	9-25-13	
Toluene	ND	0.0043	EPA 8260C	9-25-13	9-25-13	
(trans) 1,3-Dichloropropene	ND	0.00085	EPA 8260C	9-25-13	9-25-13	

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-28-16</b>					
Laboratory ID:	09-197-14					
1,1,2-Trichloroethane	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Tetrachloroethene	10	0.11	EPA 8260C	9-26-13	9-26-13	
1,3-Dichloropropane	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
2-Hexanone	ND	0.0043	EPA 8260C	9-25-13	9-25-13	
Dibromochloromethane	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
1,2-Dibromoethane	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Chlorobenzene	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
1,1,1,2-Tetrachloroethane	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Ethylbenzene	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
m,p-Xylene	ND	0.0017	EPA 8260C	9-25-13	9-25-13	
o-Xylene	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Styrene	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Bromoform	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Isopropylbenzene	ND	0.00085	EPA 8260C	9-25-13	9-25-13	
Bromobenzene	ND	0.055	EPA 8260C	9-26-13	9-26-13	
1,1,2,2-Tetrachloroethane	ND	0.055	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichloropropane	ND	0.055	EPA 8260C	9-26-13	9-26-13	
n-Propylbenzene	ND	0.055	EPA 8260C	9-26-13	9-26-13	
2-Chlorotoluene	ND	0.055	EPA 8260C	9-26-13	9-26-13	
4-Chlorotoluene	ND	0.055	EPA 8260C	9-26-13	9-26-13	
1,3,5-Trimethylbenzene	ND	0.055	EPA 8260C	9-26-13	9-26-13	
tert-Butylbenzene	ND	0.055	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trimethylbenzene	ND	0.055	EPA 8260C	9-26-13	9-26-13	
sec-Butylbenzene	ND	0.055	EPA 8260C	9-26-13	9-26-13	
1,3-Dichlorobenzene	ND	0.055	EPA 8260C	9-26-13	9-26-13	
p-Isopropyltoluene	ND	0.055	EPA 8260C	9-26-13	9-26-13	
1,4-Dichlorobenzene	ND	0.055	EPA 8260C	9-26-13	9-26-13	
1,2-Dichlorobenzene	ND	0.055	EPA 8260C	9-26-13	9-26-13	
n-Butylbenzene	ND	0.055	EPA 8260C	9-26-13	9-26-13	
1,2-Dibromo-3-chloropropane	ND	0.27	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trichlorobenzene	ND	0.055	EPA 8260C	9-26-13	9-26-13	
Hexachlorobutadiene	ND	0.27	EPA 8260C	9-26-13	9-26-13	
Naphthalene	ND	0.055	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichlorobenzene	ND	0.055	EPA 8260C	9-26-13	9-26-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>108</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>89</i>	<i>73-124</i>				



Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0925S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Chloromethane	ND	0.0050	EPA 8260C	9-25-13	9-25-13	
Vinyl Chloride	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Bromomethane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Chloroethane	ND	0.0050	EPA 8260C	9-25-13	9-25-13	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Acetone	ND	0.0050	EPA 8260C	9-25-13	9-25-13	
Iodomethane	ND	0.0050	EPA 8260C	9-25-13	9-25-13	
Carbon Disulfide	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Methylene Chloride	ND	0.0050	EPA 8260C	9-25-13	9-25-13	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Vinyl Acetate	ND	0.0050	EPA 8260C	9-25-13	9-25-13	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
2-Butanone	ND	0.0050	EPA 8260C	9-25-13	9-25-13	
Bromochloromethane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Chloroform	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Benzene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Trichloroethene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Dibromomethane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Bromodichloromethane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	9-25-13	9-25-13	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	9-25-13	9-25-13	
Toluene	ND	0.0050	EPA 8260C	9-25-13	9-25-13	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0925S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Tetrachloroethene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
2-Hexanone	ND	0.0050	EPA 8260C	9-25-13	9-25-13	
Dibromochloromethane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Chlorobenzene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Ethylbenzene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
m,p-Xylene	ND	0.0020	EPA 8260C	9-25-13	9-25-13	
o-Xylene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Styrene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Bromoform	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Isopropylbenzene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Bromobenzene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
n-Propylbenzene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
2-Chlorotoluene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
4-Chlorotoluene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
tert-Butylbenzene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
sec-Butylbenzene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
n-Butylbenzene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	9-25-13	9-25-13	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	9-25-13	9-25-13	
Naphthalene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	9-25-13	9-25-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>99</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>106</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>105</i>	<i>73-124</i>				

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0926S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Chloromethane	ND	0.0050	EPA 8260C	9-26-13	9-26-13	
Vinyl Chloride	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Bromomethane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Chloroethane	ND	0.0050	EPA 8260C	9-26-13	9-26-13	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Acetone	ND	0.0050	EPA 8260C	9-26-13	9-26-13	
Iodomethane	ND	0.0050	EPA 8260C	9-26-13	9-26-13	
Carbon Disulfide	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Methylene Chloride	ND	0.0050	EPA 8260C	9-26-13	9-26-13	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Vinyl Acetate	ND	0.0050	EPA 8260C	9-26-13	9-26-13	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
2-Butanone	ND	0.0050	EPA 8260C	9-26-13	9-26-13	
Bromochloromethane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Chloroform	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Benzene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Trichloroethene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Dibromomethane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Bromodichloromethane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	9-26-13	9-26-13	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	9-26-13	9-26-13	
Toluene	ND	0.0050	EPA 8260C	9-26-13	9-26-13	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0926S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Tetrachloroethene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
2-Hexanone	ND	0.0050	EPA 8260C	9-26-13	9-26-13	
Dibromochloromethane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Chlorobenzene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Ethylbenzene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
m,p-Xylene	ND	0.0020	EPA 8260C	9-26-13	9-26-13	
o-Xylene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Styrene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Bromoform	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Isopropylbenzene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Bromobenzene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
n-Propylbenzene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
2-Chlorotoluene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
4-Chlorotoluene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
tert-Butylbenzene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
sec-Butylbenzene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
n-Butylbenzene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	9-26-13	9-26-13	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	9-26-13	9-26-13	
Naphthalene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	9-26-13	9-26-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>96</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>103</i>	<i>73-124</i>				

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0925S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0580</b>	<b>0.0579</b>	0.0500	0.0500	116	116	56-141	0	15	
Benzene	<b>0.0512</b>	<b>0.0508</b>	0.0500	0.0500	102	102	70-121	1	15	
Trichloroethene	<b>0.0558</b>	<b>0.0547</b>	0.0500	0.0500	112	109	74-118	2	15	
Toluene	<b>0.0530</b>	<b>0.0516</b>	0.0500	0.0500	106	103	75-120	3	15	
Chlorobenzene	<b>0.0565</b>	<b>0.0545</b>	0.0500	0.0500	113	109	75-120	4	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					<i>100</i>	<i>97</i>	<i>65-129</i>			
<i>Toluene-d8</i>					<i>106</i>	<i>102</i>	<i>77-122</i>			
<i>4-Bromofluorobenzene</i>					<i>105</i>	<i>101</i>	<i>73-124</i>			

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0926S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0597</b>	<b>0.0574</b>	0.0500	0.0500	119	115	56-141	4	15	
Benzene	<b>0.0524</b>	<b>0.0517</b>	0.0500	0.0500	105	103	70-121	1	15	
Trichloroethene	<b>0.0572</b>	<b>0.0559</b>	0.0500	0.0500	114	112	74-118	2	15	
Toluene	<b>0.0546</b>	<b>0.0533</b>	0.0500	0.0500	109	107	75-120	2	15	
Chlorobenzene	<b>0.0575</b>	<b>0.0560</b>	0.0500	0.0500	115	112	75-120	3	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					96	94	65-129			
<i>Toluene-d8</i>					101	100	77-122			
<i>4-Bromofluorobenzene</i>					100	98	73-124			

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-30-(20-25)-092113</b>					
Laboratory ID:	09-197-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Chloromethane	ND	1.0	EPA 8260C	9-24-13	9-24-13	
Vinyl Chloride	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Bromomethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Chloroethane	ND	1.0	EPA 8260C	9-24-13	9-24-13	
Trichlorofluoromethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,1-Dichloroethene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Acetone	ND	5.0	EPA 8260C	9-24-13	9-24-13	
Iodomethane	ND	1.0	EPA 8260C	9-24-13	9-24-13	
Carbon Disulfide	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Methylene Chloride	ND	1.0	EPA 8260C	9-24-13	9-24-13	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,1-Dichloroethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Vinyl Acetate	ND	1.3	EPA 8260C	9-24-13	9-24-13	
2,2-Dichloropropane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
(cis) 1,2-Dichloroethene	0.22	0.20	EPA 8260C	9-24-13	9-24-13	
2-Butanone	ND	5.0	EPA 8260C	9-24-13	9-24-13	
Bromochloromethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Chloroform	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Carbon Tetrachloride	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,1-Dichloropropene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Benzene	0.23	0.20	EPA 8260C	9-24-13	9-24-13	
1,2-Dichloroethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Trichloroethene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,2-Dichloropropane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Dibromomethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Bromodichloromethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
2-Chloroethyl Vinyl Ether	ND	1.5	EPA 8260C	9-24-13	9-24-13	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Methyl Isobutyl Ketone	ND	2.8	EPA 8260C	9-24-13	9-24-13	
Toluene	ND	1.0	EPA 8260C	9-24-13	9-24-13	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-24-13	9-24-13	

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-30-(20-25)-092113</b>					
Laboratory ID:	09-197-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Tetrachloroethene	ND	1.0	EPA 8260C	9-24-13	9-24-13	
1,3-Dichloropropane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
2-Hexanone	ND	2.5	EPA 8260C	9-24-13	9-24-13	
Dibromochloromethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,2-Dibromoethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Chlorobenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Ethylbenzene	0.23	0.20	EPA 8260C	9-24-13	9-24-13	
m,p-Xylene	0.83	0.40	EPA 8260C	9-24-13	9-24-13	
o-Xylene	0.53	0.20	EPA 8260C	9-24-13	9-24-13	
Styrene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Bromoform	ND	1.4	EPA 8260C	9-24-13	9-24-13	
Isopropylbenzene	0.21	0.20	EPA 8260C	9-24-13	9-24-13	
Bromobenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,1,2,2-Tetrachloroethane	ND	0.25	EPA 8260C	9-24-13	9-24-13	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
n-Propylbenzene	0.50	0.20	EPA 8260C	9-24-13	9-24-13	
2-Chlorotoluene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
4-Chlorotoluene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
tert-Butylbenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,2,4-Trimethylbenzene	0.51	0.20	EPA 8260C	9-24-13	9-24-13	
sec-Butylbenzene	0.52	0.20	EPA 8260C	9-24-13	9-24-13	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
p-Isopropyltoluene	0.34	0.20	EPA 8260C	9-24-13	9-24-13	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,2-Dichlorobenzene	0.21	0.20	EPA 8260C	9-24-13	9-24-13	
n-Butylbenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,2-Dibromo-3-chloropropane	ND	1.6	EPA 8260C	9-24-13	9-24-13	
1,2,4-Trichlorobenzene	ND	0.25	EPA 8260C	9-24-13	9-24-13	
Hexachlorobutadiene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Naphthalene	ND	1.6	EPA 8260C	9-24-13	9-24-13	
1,2,3-Trichlorobenzene	ND	0.32	EPA 8260C	9-24-13	9-24-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>108</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>71-120</i>				



Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-27-(23-28)-092113</b>					
Laboratory ID:	09-197-07					
Dichlorodifluoromethane	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Chloromethane	ND	2.0	EPA 8260C	9-24-13	9-24-13	
Vinyl Chloride	4.9	0.40	EPA 8260C	9-24-13	9-24-13	
Bromomethane	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Chloroethane	ND	2.0	EPA 8260C	9-24-13	9-24-13	
Trichlorofluoromethane	ND	0.40	EPA 8260C	9-24-13	9-24-13	
1,1-Dichloroethene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Acetone	ND	10	EPA 8260C	9-24-13	9-24-13	
Iodomethane	ND	2.0	EPA 8260C	9-24-13	9-24-13	
Carbon Disulfide	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Methylene Chloride	ND	2.0	EPA 8260C	9-24-13	9-24-13	
(trans) 1,2-Dichloroethene	2.2	0.40	EPA 8260C	9-24-13	9-24-13	
Methyl t-Butyl Ether	ND	0.40	EPA 8260C	9-24-13	9-24-13	
1,1-Dichloroethane	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Vinyl Acetate	ND	2.6	EPA 8260C	9-24-13	9-24-13	
2,2-Dichloropropane	ND	0.40	EPA 8260C	9-24-13	9-24-13	
(cis) 1,2-Dichloroethene	95	2.0	EPA 8260C	9-25-13	9-25-13	
2-Butanone	ND	10	EPA 8260C	9-24-13	9-24-13	
Bromochloromethane	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Chloroform	ND	0.40	EPA 8260C	9-24-13	9-24-13	
1,1,1-Trichloroethane	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Carbon Tetrachloride	ND	0.40	EPA 8260C	9-24-13	9-24-13	
1,1-Dichloropropene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Benzene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
1,2-Dichloroethane	1.1	0.40	EPA 8260C	9-24-13	9-24-13	
Trichloroethene	1.0	0.40	EPA 8260C	9-24-13	9-24-13	
1,2-Dichloropropane	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Dibromomethane	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Bromodichloromethane	ND	0.40	EPA 8260C	9-24-13	9-24-13	
2-Chloroethyl Vinyl Ether	ND	3.0	EPA 8260C	9-24-13	9-24-13	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Methyl Isobutyl Ketone	ND	5.6	EPA 8260C	9-24-13	9-24-13	
Toluene	ND	2.0	EPA 8260C	9-24-13	9-24-13	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260C	9-24-13	9-24-13	

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-27-(23-28)-092113</b>					
Laboratory ID:	09-197-07					
1,1,2-Trichloroethane	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Tetrachloroethene	58	2.0	EPA 8260C	9-24-13	9-24-13	
1,3-Dichloropropane	ND	0.40	EPA 8260C	9-24-13	9-24-13	
2-Hexanone	ND	5.0	EPA 8260C	9-24-13	9-24-13	
Dibromochloromethane	ND	0.40	EPA 8260C	9-24-13	9-24-13	
1,2-Dibromoethane	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Chlorobenzene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Ethylbenzene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
m,p-Xylene	ND	0.80	EPA 8260C	9-24-13	9-24-13	
o-Xylene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Styrene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Bromoform	ND	2.8	EPA 8260C	9-24-13	9-24-13	
Isopropylbenzene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Bromobenzene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
1,1,2,2-Tetrachloroethane	ND	0.50	EPA 8260C	9-24-13	9-24-13	
1,2,3-Trichloropropane	ND	0.40	EPA 8260C	9-24-13	9-24-13	
n-Propylbenzene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
2-Chlorotoluene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
4-Chlorotoluene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
1,3,5-Trimethylbenzene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
tert-Butylbenzene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
1,2,4-Trimethylbenzene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
sec-Butylbenzene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
1,3-Dichlorobenzene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
p-Isopropyltoluene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
1,4-Dichlorobenzene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
1,2-Dichlorobenzene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
n-Butylbenzene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
1,2-Dibromo-3-chloropropane	ND	3.2	EPA 8260C	9-24-13	9-24-13	
1,2,4-Trichlorobenzene	ND	0.50	EPA 8260C	9-24-13	9-24-13	
Hexachlorobutadiene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
Naphthalene	ND	3.2	EPA 8260C	9-24-13	9-24-13	
1,2,3-Trichlorobenzene	ND	0.64	EPA 8260C	9-24-13	9-24-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>91</i>	<i>71-120</i>				

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0924W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Chloromethane	ND	1.0	EPA 8260C	9-24-13	9-24-13	
Vinyl Chloride	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Bromomethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Chloroethane	ND	1.0	EPA 8260C	9-24-13	9-24-13	
Trichlorofluoromethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,1-Dichloroethene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Acetone	ND	5.0	EPA 8260C	9-24-13	9-24-13	
Iodomethane	ND	1.0	EPA 8260C	9-24-13	9-24-13	
Carbon Disulfide	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Methylene Chloride	ND	1.0	EPA 8260C	9-24-13	9-24-13	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,1-Dichloroethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Vinyl Acetate	ND	1.3	EPA 8260C	9-24-13	9-24-13	
2,2-Dichloropropane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
2-Butanone	ND	5.0	EPA 8260C	9-24-13	9-24-13	
Bromochloromethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Chloroform	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Carbon Tetrachloride	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,1-Dichloropropene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Benzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,2-Dichloroethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Trichloroethene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,2-Dichloropropane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Dibromomethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Bromodichloromethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
2-Chloroethyl Vinyl Ether	ND	1.5	EPA 8260C	9-24-13	9-24-13	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Methyl Isobutyl Ketone	ND	2.8	EPA 8260C	9-24-13	9-24-13	
Toluene	ND	1.0	EPA 8260C	9-24-13	9-24-13	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-24-13	9-24-13	

Date of Report: October 2, 2013  
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**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0924W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Tetrachloroethene	ND	1.0	EPA 8260C	9-24-13	9-24-13	
1,3-Dichloropropane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
2-Hexanone	ND	2.5	EPA 8260C	9-24-13	9-24-13	
Dibromochloromethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,2-Dibromoethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Chlorobenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Ethylbenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
m,p-Xylene	ND	0.40	EPA 8260C	9-24-13	9-24-13	
o-Xylene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Styrene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Bromoform	ND	1.4	EPA 8260C	9-24-13	9-24-13	
Isopropylbenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Bromobenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,1,2,2-Tetrachloroethane	ND	0.25	EPA 8260C	9-24-13	9-24-13	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	9-24-13	9-24-13	
n-Propylbenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
2-Chlorotoluene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
4-Chlorotoluene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
tert-Butylbenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
sec-Butylbenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
p-Isopropyltoluene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
n-Butylbenzene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
1,2-Dibromo-3-chloropropane	ND	1.6	EPA 8260C	9-24-13	9-24-13	
1,2,4-Trichlorobenzene	ND	0.25	EPA 8260C	9-24-13	9-24-13	
Hexachlorobutadiene	ND	0.20	EPA 8260C	9-24-13	9-24-13	
Naphthalene	ND	1.6	EPA 8260C	9-24-13	9-24-13	
1,2,3-Trichlorobenzene	ND	0.32	EPA 8260C	9-24-13	9-24-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>104</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>71-120</i>				

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0925W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Chloromethane	ND	1.0	EPA 8260C	9-25-13	9-25-13	
Vinyl Chloride	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Bromomethane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Chloroethane	ND	1.0	EPA 8260C	9-25-13	9-25-13	
Trichlorofluoromethane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Acetone	ND	5.0	EPA 8260C	9-25-13	9-25-13	
Iodomethane	ND	1.0	EPA 8260C	9-25-13	9-25-13	
Carbon Disulfide	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Methylene Chloride	ND	1.0	EPA 8260C	9-25-13	9-25-13	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloroethane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Vinyl Acetate	ND	1.3	EPA 8260C	9-25-13	9-25-13	
2,2-Dichloropropane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
2-Butanone	ND	5.0	EPA 8260C	9-25-13	9-25-13	
Bromochloromethane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Chloroform	ND	0.20	EPA 8260C	9-25-13	9-25-13	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Carbon Tetrachloride	ND	0.20	EPA 8260C	9-25-13	9-25-13	
1,1-Dichloropropene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Benzene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloroethane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Trichloroethene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
1,2-Dichloropropane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Dibromomethane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Bromodichloromethane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
2-Chloroethyl Vinyl Ether	ND	1.5	EPA 8260C	9-25-13	9-25-13	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Methyl Isobutyl Ketone	ND	2.6	EPA 8260C	9-25-13	9-25-13	
Toluene	ND	1.0	EPA 8260C	9-25-13	9-25-13	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-25-13	9-25-13	

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0925W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Tetrachloroethene	ND	1.0	EPA 8260C	9-25-13	9-25-13	
1,3-Dichloropropane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
2-Hexanone	ND	2.6	EPA 8260C	9-25-13	9-25-13	
Dibromochloromethane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
1,2-Dibromoethane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Chlorobenzene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Ethylbenzene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
m,p-Xylene	ND	0.40	EPA 8260C	9-25-13	9-25-13	
o-Xylene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Styrene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Bromoform	ND	1.5	EPA 8260C	9-25-13	9-25-13	
Isopropylbenzene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Bromobenzene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	9-25-13	9-25-13	
n-Propylbenzene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
2-Chlorotoluene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
4-Chlorotoluene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
tert-Butylbenzene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
sec-Butylbenzene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
p-Isopropyltoluene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
n-Butylbenzene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
1,2-Dibromo-3-chloropropane	ND	1.5	EPA 8260C	9-25-13	9-25-13	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Hexachlorobutadiene	ND	0.20	EPA 8260C	9-25-13	9-25-13	
Naphthalene	ND	1.4	EPA 8260C	9-25-13	9-25-13	
1,2,3-Trichlorobenzene	ND	0.28	EPA 8260C	9-25-13	9-25-13	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>105</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>106</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>96</i>	<i>71-120</i>				

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0924W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	12.4	11.6	10.0	10.0	124	116	63-142	7	17	
Benzene	11.2	10.7	10.0	10.0	112	107	78-125	5	15	
Trichloroethene	10.4	9.77	10.0	10.0	104	98	80-125	6	15	
Toluene	10.6	10.0	10.0	10.0	106	100	80-125	6	15	
Chlorobenzene	11.0	10.5	10.0	10.0	110	105	80-140	5	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					101	103	62-122			
<i>Toluene-d8</i>					103	102	70-120			
<i>4-Bromofluorobenzene</i>					94	96	71-120			

Date of Report: October 2, 2013  
 Samples Submitted: September 23, 2013  
 Laboratory Reference: 1309-197  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0925W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	11.8	12.1	10.0	10.0	118	121	63-142	3	17	
Benzene	10.9	11.2	10.0	10.0	109	112	78-125	3	15	
Trichloroethene	10.0	9.83	10.0	10.0	100	98	80-125	2	15	
Toluene	10.3	10.5	10.0	10.0	103	105	80-125	2	15	
Chlorobenzene	10.5	10.8	10.0	10.0	105	108	80-140	3	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					103	105	62-122			
<i>Toluene-d8</i>					107	105	70-120			
<i>4-Bromofluorobenzene</i>					92	94	71-120			



Date of Report: October 2, 2013  
Samples Submitted: September 23, 2013  
Laboratory Reference: 1309-197  
Project: 060172

**% MOISTURE**

Date Analyzed: 9-24-13

Client ID	Lab ID	% Moisture
B-30-19	09-197-01	14
B-30-23	09-197-02	15
B27-19	09-197-04	26
B27-5	09-197-05	10
B-27-24	09-197-06	15
B-29-4.5	09-197-08	22
B-29-24	09-197-09	15
B-29-20.9	09-197-10	21
B-29-22	09-197-11	13
B-28-8.5	09-197-12	27
B-28-22	09-197-13	25
B-28-16	09-197-14	23



### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
  - B - The analyte indicated was also found in the blank sample.
  - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
  - E - The value reported exceeds the quantitation range and is an estimate.
  - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
  - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
  - I - Compound recovery is outside of the control limits.
  - J - The value reported was below the practical quantitation limit. The value is an estimate.
  - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
  - L - The RPD is outside of the control limits.
  - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
  - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
  - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
  - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
  - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
  - P - The RPD of the detected concentrations between the two columns is greater than 40.
  - Q - Surrogate recovery is outside of the control limits.
  - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
  - T - The sample chromatogram is not similar to mineral spirits.
  - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
  - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
  - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
  - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
  - X - Sample extract treated with a mercury cleanup procedure.
  - X1 - Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
  - Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
  - Z - The mineral spirits result is mainly attributed to a single peak (Tetrachloroethene).
- ND - Not Detected at PQL  
 PQL - Practical Quantitation Limit  
 RPD - Relative Percent Difference







**MVA Onsite Environmental Inc.**  
 Analytical Laboratory Testing Services  
 14648 NE 95th Street • Redmond, WA 98052  
 Phone: (425) 883-3881 • www.onsite-env.com

# Chain of Custody

09-197

Turnaround Request  
(in working days)

(Check One)

Same Day  1 Day

2 Days  3 Days

Standard (7 Days)  
(TPH analysis 5 Days)

\_\_\_\_\_ (other)

Laboratory Number:

Company: Aspect  
 Project Number: 060172  
 Project Name: Spic N Span  
 Project Manager: Jeremy Porter  
 Sampled By: JTP

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix
11	B-29-22	9/2/14	1550	S
12	B-20-8.5		1630	S
13	B-28-22		1700	S
14	B-20-16		1650	S

Number of Containers	
NWTPH-HCID	
NWTPH-Gx/BTEX	
NWTPH-Gx	<u>Manual Spill</u>
NWTPH-Dx	
Volatiles 8260C	
Halogenated Volatiles 8260C	<u>VOCs</u>
Semivolatiles 8270D/SIM (with low-level PAHs)	
PAHs 8270D/SIM (low-level)	
PCBs 8082A	
Organochlorine Pesticides 8081B	
Organophosphorus Pesticides 8270D/SIM	
Chlorinated Acid Herbicides 8151A	
Total RCRA Metals/ MTCA Metals (circle one)	
TCLP Metals	
HEM (oil and grease) 1664A	
% Moisture	

Signature	Company	Date	Time	Comments/Special Instructions
<u>[Signature]</u>	<u>Aspect</u>	<u>9/2/14</u>	<u>1815</u>	
<u>[Signature]</u>	<u>Aspect</u>	<u>9/26/13</u>	<u>1815</u>	
<u>[Signature]</u>	<u>Aspect</u>	<u>9/23/13</u>	<u>820</u>	
<u>[Signature]</u>	<u>ORE</u>	<u>9/23/13</u>	<u>1130</u>	



14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

June 26, 2014

Jeremy Porter  
Aspect Consulting  
401 2<sup>nd</sup> Avenue South, Suite 201  
Seattle, WA 98104

Re: Analytical Data for Project 060172  
Laboratory Reference No. 1406-173

Dear Jeremy:

Enclosed are the analytical results and associated quality control data for samples submitted on June 19, 2014.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister  
Project Manager

Enclosures

Date of Report: June 26, 2014  
Samples Submitted: June 19, 2014  
Laboratory Reference: 1406-173  
Project: 060172

### **Case Narrative**

Samples were collected on June 18 and 19, 2014 and received by the laboratory on June 19, 2014. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

#### Volatiles EPA 8260C (soil) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-36-2.5</b>					
Laboratory ID:	06-173-01					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Chloromethane	ND	0.0053	EPA 8260C	6-20-14	6-20-14	
Vinyl Chloride	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Bromomethane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Chloroethane	ND	0.0053	EPA 8260C	6-20-14	6-20-14	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Acetone	ND	0.0053	EPA 8260C	6-20-14	6-20-14	
Iodomethane	ND	0.0053	EPA 8260C	6-20-14	6-20-14	
Carbon Disulfide	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Methylene Chloride	ND	0.0053	EPA 8260C	6-20-14	6-20-14	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Vinyl Acetate	ND	0.0053	EPA 8260C	6-20-14	6-20-14	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
2-Butanone	ND	0.0053	EPA 8260C	6-20-14	6-20-14	
Bromochloromethane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Chloroform	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Benzene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Trichloroethene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Dibromomethane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Bromodichloromethane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260C	6-20-14	6-20-14	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260C	6-20-14	6-20-14	
Toluene	ND	0.0053	EPA 8260C	6-20-14	6-20-14	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-36-2.5</b>					
Laboratory ID:	06-173-01					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Tetrachloroethene	0.057	0.0011	EPA 8260C	6-20-14	6-20-14	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
2-Hexanone	ND	0.0053	EPA 8260C	6-20-14	6-20-14	
Dibromochloromethane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Chlorobenzene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Ethylbenzene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
m,p-Xylene	ND	0.0021	EPA 8260C	6-20-14	6-20-14	
o-Xylene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Styrene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Bromoform	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Isopropylbenzene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Bromobenzene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
n-Propylbenzene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
2-Chlorotoluene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
4-Chlorotoluene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
tert-Butylbenzene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
sec-Butylbenzene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
n-Butylbenzene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromo-3-chloropropane	ND	0.0053	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
Hexachlorobutadiene	ND	0.0053	EPA 8260C	6-20-14	6-20-14	
Naphthalene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	6-20-14	6-20-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>116</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>109</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>73-124</i>				



Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-36-16.5</b>					
Laboratory ID:	06-173-02					
Dichlorodifluoromethane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Chloromethane	ND	0.0063	EPA 8260C	6-20-14	6-20-14	
Vinyl Chloride	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Bromomethane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Chloroethane	ND	0.0063	EPA 8260C	6-20-14	6-20-14	
Trichlorofluoromethane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Acetone	0.017	0.0063	EPA 8260C	6-20-14	6-20-14	Y
Iodomethane	ND	0.0063	EPA 8260C	6-20-14	6-20-14	
Carbon Disulfide	0.0013	0.0013	EPA 8260C	6-20-14	6-20-14	
Methylene Chloride	ND	0.0063	EPA 8260C	6-20-14	6-20-14	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Vinyl Acetate	ND	0.0063	EPA 8260C	6-20-14	6-20-14	
2,2-Dichloropropane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
2-Butanone	ND	0.0063	EPA 8260C	6-20-14	6-20-14	
Bromochloromethane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Chloroform	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Carbon Tetrachloride	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloropropene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Benzene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloroethane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Trichloroethene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloropropane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Dibromomethane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Bromodichloromethane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
2-Chloroethyl Vinyl Ether	ND	0.0063	EPA 8260C	6-20-14	6-20-14	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Methyl Isobutyl Ketone	ND	0.0063	EPA 8260C	6-20-14	6-20-14	
Toluene	ND	0.0063	EPA 8260C	6-20-14	6-20-14	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-36-16.5</b>					
Laboratory ID:	06-173-02					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Tetrachloroethene	0.049	0.0013	EPA 8260C	6-20-14	6-20-14	
1,3-Dichloropropane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
2-Hexanone	ND	0.0063	EPA 8260C	6-20-14	6-20-14	
Dibromochloromethane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromoethane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Chlorobenzene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Ethylbenzene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
m,p-Xylene	ND	0.0025	EPA 8260C	6-20-14	6-20-14	
o-Xylene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Styrene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Bromoform	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Isopropylbenzene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Bromobenzene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
n-Propylbenzene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
2-Chlorotoluene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
4-Chlorotoluene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
1,3,5-Trimethylbenzene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
tert-Butylbenzene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trimethylbenzene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
sec-Butylbenzene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
p-Isopropyltoluene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
n-Butylbenzene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromo-3-chloropropane	ND	0.0063	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
Hexachlorobutadiene	ND	0.0063	EPA 8260C	6-20-14	6-20-14	
Naphthalene	0.0031	0.0013	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260C	6-20-14	6-20-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>99</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>108</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-36-24</b>					
Laboratory ID:	06-173-03					
Dichlorodifluoromethane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Chloromethane	ND	0.0038	EPA 8260C	6-20-14	6-20-14	
Vinyl Chloride	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Bromomethane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Chloroethane	ND	0.0038	EPA 8260C	6-20-14	6-20-14	
Trichlorofluoromethane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Acetone	0.010	0.0038	EPA 8260C	6-20-14	6-20-14	Y
Iodomethane	ND	0.0038	EPA 8260C	6-20-14	6-20-14	
Carbon Disulfide	0.0010	0.00076	EPA 8260C	6-20-14	6-20-14	
Methylene Chloride	ND	0.0038	EPA 8260C	6-20-14	6-20-14	
(trans) 1,2-Dichloroethene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Methyl t-Butyl Ether	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Vinyl Acetate	ND	0.0038	EPA 8260C	6-20-14	6-20-14	
2,2-Dichloropropane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
(cis) 1,2-Dichloroethene	0.0010	0.00076	EPA 8260C	6-20-14	6-20-14	
2-Butanone	ND	0.0038	EPA 8260C	6-20-14	6-20-14	
Bromochloromethane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Chloroform	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,1,1-Trichloroethane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Carbon Tetrachloride	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloropropene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Benzene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloroethane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Trichloroethene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloropropane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Dibromomethane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Bromodichloromethane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
2-Chloroethyl Vinyl Ether	ND	0.0038	EPA 8260C	6-20-14	6-20-14	
(cis) 1,3-Dichloropropene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Methyl Isobutyl Ketone	ND	0.0038	EPA 8260C	6-20-14	6-20-14	
Toluene	ND	0.0038	EPA 8260C	6-20-14	6-20-14	
(trans) 1,3-Dichloropropene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	

Date of Report: June 26, 2014  
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 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-36-24</b>					
Laboratory ID:	06-173-03					
1,1,2-Trichloroethane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Tetrachloroethene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,3-Dichloropropane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
2-Hexanone	ND	0.0038	EPA 8260C	6-20-14	6-20-14	
Dibromochloromethane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromoethane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Chlorobenzene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,1,1,2-Tetrachloroethane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Ethylbenzene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
m,p-Xylene	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
o-Xylene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Styrene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Bromoform	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Isopropylbenzene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Bromobenzene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,1,2,2-Tetrachloroethane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichloropropane	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
n-Propylbenzene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
2-Chlorotoluene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
4-Chlorotoluene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,3,5-Trimethylbenzene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
tert-Butylbenzene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trimethylbenzene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
sec-Butylbenzene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,3-Dichlorobenzene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
p-Isopropyltoluene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,4-Dichlorobenzene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,2-Dichlorobenzene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
n-Butylbenzene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromo-3-chloropropane	ND	0.0038	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trichlorobenzene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
Hexachlorobutadiene	ND	0.0038	EPA 8260C	6-20-14	6-20-14	
Naphthalene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichlorobenzene	ND	0.00076	EPA 8260C	6-20-14	6-20-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>112</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>111</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-35-5</b>					
Laboratory ID:	06-173-09					
Dichlorodifluoromethane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Chloromethane	ND	0.0047	EPA 8260C	6-20-14	6-20-14	
Vinyl Chloride	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Bromomethane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Chloroethane	ND	0.0047	EPA 8260C	6-20-14	6-20-14	
Trichlorofluoromethane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Acetone	ND	0.0047	EPA 8260C	6-20-14	6-20-14	
Iodomethane	ND	0.0047	EPA 8260C	6-20-14	6-20-14	
Carbon Disulfide	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Methylene Chloride	ND	0.0047	EPA 8260C	6-20-14	6-20-14	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Methyl t-Butyl Ether	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Vinyl Acetate	ND	0.0047	EPA 8260C	6-20-14	6-20-14	
2,2-Dichloropropane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
(cis) 1,2-Dichloroethene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
2-Butanone	ND	0.0047	EPA 8260C	6-20-14	6-20-14	
Bromochloromethane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Chloroform	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,1,1-Trichloroethane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Carbon Tetrachloride	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloropropene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Benzene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloroethane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Trichloroethene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloropropane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Dibromomethane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Bromodichloromethane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260C	6-20-14	6-20-14	
(cis) 1,3-Dichloropropene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Methyl Isobutyl Ketone	ND	0.0047	EPA 8260C	6-20-14	6-20-14	
Toluene	ND	0.0047	EPA 8260C	6-20-14	6-20-14	
(trans) 1,3-Dichloropropene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-35-5</b>					
Laboratory ID:	06-173-09					
1,1,2-Trichloroethane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Tetrachloroethene	1.5	0.063	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
2-Hexanone	ND	0.0047	EPA 8260C	6-20-14	6-20-14	
Dibromochloromethane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromoethane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Chlorobenzene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,1,1,2-Tetrachloroethane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Ethylbenzene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
m,p-Xylene	ND	0.0019	EPA 8260C	6-20-14	6-20-14	
o-Xylene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Styrene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Bromoform	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Isopropylbenzene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Bromobenzene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,1,2,2-Tetrachloroethane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichloropropane	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
n-Propylbenzene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
2-Chlorotoluene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
4-Chlorotoluene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,3,5-Trimethylbenzene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
tert-Butylbenzene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trimethylbenzene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
sec-Butylbenzene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,3-Dichlorobenzene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
p-Isopropyltoluene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,4-Dichlorobenzene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,2-Dichlorobenzene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
n-Butylbenzene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromo-3-chloropropane	ND	0.0047	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trichlorobenzene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
Hexachlorobutadiene	ND	0.0047	EPA 8260C	6-20-14	6-20-14	
Naphthalene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichlorobenzene	ND	0.00094	EPA 8260C	6-20-14	6-20-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>117</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>114</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>103</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-35-18</b>					
Laboratory ID:	06-173-10					
Dichlorodifluoromethane	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Chloromethane	ND	0.0073	EPA 8260C	6-20-14	6-20-14	
Vinyl Chloride	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Bromomethane	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Chloroethane	ND	0.0073	EPA 8260C	6-20-14	6-20-14	
Trichlorofluoromethane	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethene	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Acetone	ND	0.0073	EPA 8260C	6-20-14	6-20-14	
Iodomethane	ND	0.0073	EPA 8260C	6-20-14	6-20-14	
Carbon Disulfide	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Methylene Chloride	ND	0.0073	EPA 8260C	6-20-14	6-20-14	
(trans) 1,2-Dichloroethene	0.0022	0.0015	EPA 8260C	6-20-14	6-20-14	
Methyl t-Butyl Ether	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethane	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Vinyl Acetate	ND	0.0073	EPA 8260C	6-20-14	6-20-14	
2,2-Dichloropropane	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
(cis) 1,2-Dichloroethene	0.27	0.081	EPA 8260C	6-24-14	6-24-14	
2-Butanone	ND	0.0073	EPA 8260C	6-20-14	6-20-14	
Bromochloromethane	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Chloroform	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
1,1,1-Trichloroethane	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Carbon Tetrachloride	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloropropene	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Benzene	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloroethane	0.0055	0.0015	EPA 8260C	6-20-14	6-20-14	
Trichloroethene	0.69	0.081	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloropropane	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Dibromomethane	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Bromodichloromethane	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
2-Chloroethyl Vinyl Ether	ND	0.0073	EPA 8260C	6-20-14	6-20-14	
(cis) 1,3-Dichloropropene	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Methyl Isobutyl Ketone	ND	0.0073	EPA 8260C	6-20-14	6-20-14	
Toluene	ND	0.0073	EPA 8260C	6-20-14	6-20-14	
(trans) 1,3-Dichloropropene	ND	0.0015	EPA 8260C	6-20-14	6-20-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-35-18</b>					
Laboratory ID:	06-173-10					
1,1,2-Trichloroethane	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Tetrachloroethene	4.8	0.081	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
2-Hexanone	ND	0.0073	EPA 8260C	6-20-14	6-20-14	
Dibromochloromethane	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromoethane	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Chlorobenzene	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
1,1,1,2-Tetrachloroethane	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Ethylbenzene	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
m,p-Xylene	ND	0.0029	EPA 8260C	6-20-14	6-20-14	
o-Xylene	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Styrene	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Bromoform	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Isopropylbenzene	ND	0.0015	EPA 8260C	6-20-14	6-20-14	
Bromobenzene	ND	0.081	EPA 8260C	6-24-14	6-24-14	
1,1,2,2-Tetrachloroethane	ND	0.081	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichloropropane	ND	0.081	EPA 8260C	6-24-14	6-24-14	
n-Propylbenzene	ND	0.081	EPA 8260C	6-24-14	6-24-14	
2-Chlorotoluene	ND	0.081	EPA 8260C	6-24-14	6-24-14	
4-Chlorotoluene	ND	0.081	EPA 8260C	6-24-14	6-24-14	
1,3,5-Trimethylbenzene	ND	0.081	EPA 8260C	6-24-14	6-24-14	
tert-Butylbenzene	ND	0.081	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trimethylbenzene	ND	0.081	EPA 8260C	6-24-14	6-24-14	
sec-Butylbenzene	ND	0.081	EPA 8260C	6-24-14	6-24-14	
1,3-Dichlorobenzene	ND	0.081	EPA 8260C	6-24-14	6-24-14	
p-Isopropyltoluene	ND	0.081	EPA 8260C	6-24-14	6-24-14	
1,4-Dichlorobenzene	ND	0.081	EPA 8260C	6-24-14	6-24-14	
1,2-Dichlorobenzene	ND	0.081	EPA 8260C	6-24-14	6-24-14	
n-Butylbenzene	ND	0.081	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromo-3-chloropropane	ND	0.41	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trichlorobenzene	ND	0.081	EPA 8260C	6-24-14	6-24-14	
Hexachlorobutadiene	ND	0.41	EPA 8260C	6-24-14	6-24-14	
Naphthalene	ND	0.081	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichlorobenzene	ND	0.081	EPA 8260C	6-24-14	6-24-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>111</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>99</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>78</i>	<i>73-124</i>				



Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-35-27.5</b>					
Laboratory ID:	06-173-11					
Dichlorodifluoromethane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Chloromethane	ND	0.0041	EPA 8260C	6-20-14	6-20-14	
Vinyl Chloride	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Bromomethane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Chloroethane	ND	0.0041	EPA 8260C	6-20-14	6-20-14	
Trichlorofluoromethane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Acetone	0.0053	0.0041	EPA 8260C	6-20-14	6-20-14	Y
Iodomethane	ND	0.0041	EPA 8260C	6-20-14	6-20-14	
Carbon Disulfide	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Methylene Chloride	ND	0.0041	EPA 8260C	6-20-14	6-20-14	
(trans) 1,2-Dichloroethene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Methyl t-Butyl Ether	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Vinyl Acetate	ND	0.0041	EPA 8260C	6-20-14	6-20-14	
2,2-Dichloropropane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
(cis) 1,2-Dichloroethene	0.0039	0.00081	EPA 8260C	6-20-14	6-20-14	
2-Butanone	ND	0.0041	EPA 8260C	6-20-14	6-20-14	
Bromochloromethane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Chloroform	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,1,1-Trichloroethane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Carbon Tetrachloride	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloropropene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Benzene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloroethane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Trichloroethene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloropropane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Dibromomethane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Bromodichloromethane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
2-Chloroethyl Vinyl Ether	ND	0.0041	EPA 8260C	6-20-14	6-20-14	
(cis) 1,3-Dichloropropene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Methyl Isobutyl Ketone	ND	0.0041	EPA 8260C	6-20-14	6-20-14	
Toluene	ND	0.0041	EPA 8260C	6-20-14	6-20-14	
(trans) 1,3-Dichloropropene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-35-27.5</b>					
Laboratory ID:	06-173-11					
1,1,2-Trichloroethane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Tetrachloroethene	0.0012	0.00081	EPA 8260C	6-20-14	6-20-14	
1,3-Dichloropropane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
2-Hexanone	ND	0.0041	EPA 8260C	6-20-14	6-20-14	
Dibromochloromethane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromoethane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Chlorobenzene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,1,1,2-Tetrachloroethane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Ethylbenzene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
m,p-Xylene	ND	0.0016	EPA 8260C	6-20-14	6-20-14	
o-Xylene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Styrene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Bromoform	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Isopropylbenzene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Bromobenzene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,1,2,2-Tetrachloroethane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichloropropane	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
n-Propylbenzene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
2-Chlorotoluene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
4-Chlorotoluene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,3,5-Trimethylbenzene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
tert-Butylbenzene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trimethylbenzene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
sec-Butylbenzene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,3-Dichlorobenzene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
p-Isopropyltoluene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,4-Dichlorobenzene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,2-Dichlorobenzene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
n-Butylbenzene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromo-3-chloropropane	ND	0.0041	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trichlorobenzene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
Hexachlorobutadiene	ND	0.0041	EPA 8260C	6-20-14	6-20-14	
Naphthalene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichlorobenzene	ND	0.00081	EPA 8260C	6-20-14	6-20-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>113</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>111</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>108</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**

Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-34-8</b>					
Laboratory ID:	06-173-17					
Dichlorodifluoromethane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Chloromethane	ND	0.0043	EPA 8260C	6-20-14	6-20-14	
Vinyl Chloride	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Bromomethane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Chloroethane	ND	0.0043	EPA 8260C	6-20-14	6-20-14	
Trichlorofluoromethane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Acetone	ND	0.0043	EPA 8260C	6-20-14	6-20-14	
Iodomethane	ND	0.0043	EPA 8260C	6-20-14	6-20-14	
Carbon Disulfide	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Methylene Chloride	ND	0.0043	EPA 8260C	6-20-14	6-20-14	
(trans) 1,2-Dichloroethene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Methyl t-Butyl Ether	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Vinyl Acetate	ND	0.0043	EPA 8260C	6-20-14	6-20-14	
2,2-Dichloropropane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
(cis) 1,2-Dichloroethene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
2-Butanone	ND	0.0043	EPA 8260C	6-20-14	6-20-14	
Bromochloromethane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Chloroform	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
1,1,1-Trichloroethane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Carbon Tetrachloride	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloropropene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Benzene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloroethane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Trichloroethene	0.0073	0.00086	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloropropane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Dibromomethane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Bromodichloromethane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
2-Chloroethyl Vinyl Ether	ND	0.0043	EPA 8260C	6-20-14	6-20-14	
(cis) 1,3-Dichloropropene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Methyl Isobutyl Ketone	ND	0.0043	EPA 8260C	6-20-14	6-20-14	
Toluene	ND	0.0043	EPA 8260C	6-20-14	6-20-14	
(trans) 1,3-Dichloropropene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-34-8</b>					
Laboratory ID:	06-173-17					
1,1,2-Trichloroethane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Tetrachloroethene	4.6	0.073	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
2-Hexanone	ND	0.0043	EPA 8260C	6-20-14	6-20-14	
Dibromochloromethane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromoethane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Chlorobenzene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
1,1,1,2-Tetrachloroethane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Ethylbenzene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
m,p-Xylene	ND	0.0017	EPA 8260C	6-20-14	6-20-14	
o-Xylene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Styrene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Bromoform	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Isopropylbenzene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Bromobenzene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
1,1,2,2-Tetrachloroethane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichloropropane	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
n-Propylbenzene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
2-Chlorotoluene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
4-Chlorotoluene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
1,3,5-Trimethylbenzene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
tert-Butylbenzene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trimethylbenzene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
sec-Butylbenzene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
1,3-Dichlorobenzene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
p-Isopropyltoluene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
1,4-Dichlorobenzene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
1,2-Dichlorobenzene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
n-Butylbenzene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromo-3-chloropropane	ND	0.0043	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trichlorobenzene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
Hexachlorobutadiene	ND	0.0043	EPA 8260C	6-20-14	6-20-14	
Naphthalene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichlorobenzene	ND	0.00086	EPA 8260C	6-20-14	6-20-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>120</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>114</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-34-16</b>					
Laboratory ID:	06-173-18					
Dichlorodifluoromethane	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Chloromethane	ND	0.0042	EPA 8260C	6-20-14	6-20-14	
Vinyl Chloride	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Bromomethane	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Chloroethane	ND	0.0042	EPA 8260C	6-20-14	6-20-14	
Trichlorofluoromethane	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethene	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Acetone	ND	0.0042	EPA 8260C	6-20-14	6-20-14	
Iodomethane	ND	0.0042	EPA 8260C	6-20-14	6-20-14	
Carbon Disulfide	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Methylene Chloride	ND	0.0042	EPA 8260C	6-20-14	6-20-14	
(trans) 1,2-Dichloroethene	0.0015	0.00084	EPA 8260C	6-20-14	6-20-14	
Methyl t-Butyl Ether	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethane	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Vinyl Acetate	ND	0.0042	EPA 8260C	6-20-14	6-20-14	
2,2-Dichloropropane	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
(cis) 1,2-Dichloroethene	0.016	0.00084	EPA 8260C	6-20-14	6-20-14	
2-Butanone	ND	0.0042	EPA 8260C	6-20-14	6-20-14	
Bromochloromethane	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Chloroform	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
1,1,1-Trichloroethane	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Carbon Tetrachloride	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloropropene	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Benzene	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloroethane	0.0061	0.00084	EPA 8260C	6-20-14	6-20-14	
Trichloroethene	0.090	0.00084	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloropropane	0.00089	0.00084	EPA 8260C	6-20-14	6-20-14	
Dibromomethane	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Bromodichloromethane	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
2-Chloroethyl Vinyl Ether	ND	0.0042	EPA 8260C	6-20-14	6-20-14	
(cis) 1,3-Dichloropropene	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Methyl Isobutyl Ketone	ND	0.0042	EPA 8260C	6-20-14	6-20-14	
Toluene	ND	0.0042	EPA 8260C	6-20-14	6-20-14	
(trans) 1,3-Dichloropropene	ND	0.00084	EPA 8260C	6-20-14	6-20-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-34-16</b>					
Laboratory ID:	06-173-18					
1,1,2-Trichloroethane	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Tetrachloroethene	15	0.087	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
2-Hexanone	ND	0.0042	EPA 8260C	6-20-14	6-20-14	
Dibromochloromethane	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromoethane	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Chlorobenzene	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
1,1,1,2-Tetrachloroethane	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Ethylbenzene	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
m,p-Xylene	ND	0.0017	EPA 8260C	6-20-14	6-20-14	
o-Xylene	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Styrene	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Bromoform	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Isopropylbenzene	ND	0.00084	EPA 8260C	6-20-14	6-20-14	
Bromobenzene	ND	0.087	EPA 8260C	6-24-14	6-24-14	
1,1,2,2-Tetrachloroethane	ND	0.087	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichloropropane	ND	0.087	EPA 8260C	6-24-14	6-24-14	
n-Propylbenzene	ND	0.087	EPA 8260C	6-24-14	6-24-14	
2-Chlorotoluene	ND	0.087	EPA 8260C	6-24-14	6-24-14	
4-Chlorotoluene	ND	0.087	EPA 8260C	6-24-14	6-24-14	
1,3,5-Trimethylbenzene	ND	0.087	EPA 8260C	6-24-14	6-24-14	
tert-Butylbenzene	ND	0.087	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trimethylbenzene	ND	0.087	EPA 8260C	6-24-14	6-24-14	
sec-Butylbenzene	ND	0.087	EPA 8260C	6-24-14	6-24-14	
1,3-Dichlorobenzene	ND	0.087	EPA 8260C	6-24-14	6-24-14	
p-Isopropyltoluene	ND	0.087	EPA 8260C	6-24-14	6-24-14	
1,4-Dichlorobenzene	ND	0.087	EPA 8260C	6-24-14	6-24-14	
1,2-Dichlorobenzene	ND	0.087	EPA 8260C	6-24-14	6-24-14	
n-Butylbenzene	ND	0.087	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromo-3-chloropropane	ND	0.44	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trichlorobenzene	ND	0.087	EPA 8260C	6-24-14	6-24-14	
Hexachlorobutadiene	ND	0.44	EPA 8260C	6-24-14	6-24-14	
Naphthalene	ND	0.087	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichlorobenzene	ND	0.087	EPA 8260C	6-24-14	6-24-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>116</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**

Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-34-25</b>					
Laboratory ID:	06-173-19					
Dichlorodifluoromethane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Chloromethane	ND	0.0035	EPA 8260C	6-20-14	6-20-14	
Vinyl Chloride	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Bromomethane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Chloroethane	ND	0.0035	EPA 8260C	6-20-14	6-20-14	
Trichlorofluoromethane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Acetone	0.0058	0.0035	EPA 8260C	6-20-14	6-20-14	Y
Iodomethane	ND	0.0035	EPA 8260C	6-20-14	6-20-14	
Carbon Disulfide	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Methylene Chloride	ND	0.0035	EPA 8260C	6-20-14	6-20-14	
(trans) 1,2-Dichloroethene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Methyl t-Butyl Ether	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Vinyl Acetate	ND	0.0035	EPA 8260C	6-20-14	6-20-14	
2,2-Dichloropropane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
(cis) 1,2-Dichloroethene	0.0099	0.00071	EPA 8260C	6-20-14	6-20-14	
2-Butanone	ND	0.0035	EPA 8260C	6-20-14	6-20-14	
Bromochloromethane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Chloroform	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
1,1,1-Trichloroethane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Carbon Tetrachloride	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloropropene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Benzene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloroethane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Trichloroethene	0.00071	0.00071	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloropropane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Dibromomethane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Bromodichloromethane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
2-Chloroethyl Vinyl Ether	ND	0.0035	EPA 8260C	6-20-14	6-20-14	
(cis) 1,3-Dichloropropene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Methyl Isobutyl Ketone	ND	0.0035	EPA 8260C	6-20-14	6-20-14	
Toluene	ND	0.0035	EPA 8260C	6-20-14	6-20-14	
(trans) 1,3-Dichloropropene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-34-25</b>					
Laboratory ID:	06-173-19					
1,1,2-Trichloroethane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Tetrachloroethene	0.0045	0.00071	EPA 8260C	6-20-14	6-20-14	
1,3-Dichloropropane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
2-Hexanone	ND	0.0035	EPA 8260C	6-20-14	6-20-14	
Dibromochloromethane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromoethane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Chlorobenzene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
1,1,1,2-Tetrachloroethane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Ethylbenzene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
m,p-Xylene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
o-Xylene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Styrene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Bromoform	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Isopropylbenzene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Bromobenzene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
1,1,2,2-Tetrachloroethane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichloropropane	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
n-Propylbenzene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
2-Chlorotoluene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
4-Chlorotoluene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
1,3,5-Trimethylbenzene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
tert-Butylbenzene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trimethylbenzene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
sec-Butylbenzene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
1,3-Dichlorobenzene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
p-Isopropyltoluene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
1,4-Dichlorobenzene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
1,2-Dichlorobenzene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
n-Butylbenzene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromo-3-chloropropane	ND	0.0035	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trichlorobenzene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
Hexachlorobutadiene	ND	0.0035	EPA 8260C	6-20-14	6-20-14	
Naphthalene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichlorobenzene	ND	0.00071	EPA 8260C	6-20-14	6-20-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>118</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>117</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>112</i>	<i>73-124</i>				



Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**

Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-33-5</b>					
Laboratory ID:	06-173-25					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Chloromethane	ND	0.0052	EPA 8260C	6-20-14	6-20-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Bromomethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Chloroethane	ND	0.0052	EPA 8260C	6-20-14	6-20-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Acetone	ND	0.0052	EPA 8260C	6-20-14	6-20-14	
Iodomethane	ND	0.0052	EPA 8260C	6-20-14	6-20-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Methylene Chloride	ND	0.0052	EPA 8260C	6-20-14	6-20-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Vinyl Acetate	ND	0.0052	EPA 8260C	6-20-14	6-20-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
2-Butanone	ND	0.0052	EPA 8260C	6-20-14	6-20-14	
Bromochloromethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Chloroform	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Benzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Trichloroethene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Dibromomethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
2-Chloroethyl Vinyl Ether	ND	0.0052	EPA 8260C	6-20-14	6-20-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Methyl Isobutyl Ketone	ND	0.0052	EPA 8260C	6-20-14	6-20-14	
Toluene	ND	0.0052	EPA 8260C	6-20-14	6-20-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-33-5</b>					
Laboratory ID:	06-173-25					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Tetrachloroethene	0.22	0.055	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
2-Hexanone	ND	0.0052	EPA 8260C	6-20-14	6-20-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Chlorobenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Ethylbenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
m,p-Xylene	ND	0.0021	EPA 8260C	6-20-14	6-20-14	
o-Xylene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Styrene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Bromoform	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Bromobenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromo-3-chloropropane	ND	0.0052	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Hexachlorobutadiene	ND	0.0052	EPA 8260C	6-20-14	6-20-14	
Naphthalene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>82</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>110</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-33-16</b>					
Laboratory ID:	06-173-26					
Dichlorodifluoromethane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Chloromethane	ND	0.0046	EPA 8260C	6-20-14	6-20-14	
Vinyl Chloride	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Bromomethane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Chloroethane	ND	0.0046	EPA 8260C	6-20-14	6-20-14	
Trichlorofluoromethane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Acetone	ND	0.0046	EPA 8260C	6-20-14	6-20-14	
Iodomethane	ND	0.0046	EPA 8260C	6-20-14	6-20-14	
Carbon Disulfide	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Methylene Chloride	ND	0.0046	EPA 8260C	6-20-14	6-20-14	
(trans) 1,2-Dichloroethene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Methyl t-Butyl Ether	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Vinyl Acetate	ND	0.0046	EPA 8260C	6-20-14	6-20-14	
2,2-Dichloropropane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
(cis) 1,2-Dichloroethene	0.0028	0.00092	EPA 8260C	6-20-14	6-20-14	
2-Butanone	ND	0.0046	EPA 8260C	6-20-14	6-20-14	
Bromochloromethane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Chloroform	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
1,1,1-Trichloroethane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Carbon Tetrachloride	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloropropene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Benzene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloroethane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Trichloroethene	0.023	0.00092	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloropropane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Dibromomethane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Bromodichloromethane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
2-Chloroethyl Vinyl Ether	ND	0.0046	EPA 8260C	6-20-14	6-20-14	
(cis) 1,3-Dichloropropene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Methyl Isobutyl Ketone	ND	0.0046	EPA 8260C	6-20-14	6-20-14	
Toluene	ND	0.0046	EPA 8260C	6-20-14	6-20-14	
(trans) 1,3-Dichloropropene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-33-16</b>					
Laboratory ID:	06-173-26					
1,1,2-Trichloroethane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Tetrachloroethene	1.2	0.056	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
2-Hexanone	ND	0.0046	EPA 8260C	6-20-14	6-20-14	
Dibromochloromethane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromoethane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Chlorobenzene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
1,1,1,2-Tetrachloroethane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Ethylbenzene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
m,p-Xylene	ND	0.0018	EPA 8260C	6-20-14	6-20-14	
o-Xylene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Styrene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Bromoform	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Isopropylbenzene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Bromobenzene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
1,1,2,2-Tetrachloroethane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichloropropane	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
n-Propylbenzene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
2-Chlorotoluene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
4-Chlorotoluene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
1,3,5-Trimethylbenzene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
tert-Butylbenzene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trimethylbenzene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
sec-Butylbenzene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
1,3-Dichlorobenzene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
p-Isopropyltoluene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
1,4-Dichlorobenzene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
1,2-Dichlorobenzene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
n-Butylbenzene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromo-3-chloropropane	ND	0.0046	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trichlorobenzene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
Hexachlorobutadiene	ND	0.0046	EPA 8260C	6-20-14	6-20-14	
Naphthalene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichlorobenzene	ND	0.00092	EPA 8260C	6-20-14	6-20-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>117</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>113</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>107</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**

Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-33-28</b>					
Laboratory ID:	06-173-27					
Dichlorodifluoromethane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Chloromethane	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
Vinyl Chloride	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Bromomethane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Chloroethane	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
Trichlorofluoromethane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Acetone	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
Iodomethane	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
Carbon Disulfide	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Methylene Chloride	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
(trans) 1,2-Dichloroethene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Methyl t-Butyl Ether	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Vinyl Acetate	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
2,2-Dichloropropane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
(cis) 1,2-Dichloroethene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
2-Butanone	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
Bromochloromethane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Chloroform	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,1,1-Trichloroethane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Carbon Tetrachloride	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloropropene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Benzene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloroethane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Trichloroethene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloropropane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Dibromomethane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Bromodichloromethane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
2-Chloroethyl Vinyl Ether	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
(cis) 1,3-Dichloropropene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Methyl Isobutyl Ketone	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
Toluene	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
(trans) 1,3-Dichloropropene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-33-28</b>					
Laboratory ID:	06-173-27					
1,1,2-Trichloroethane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Tetrachloroethene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
2-Hexanone	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
Dibromochloromethane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromoethane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Chlorobenzene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,1,1,2-Tetrachloroethane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Ethylbenzene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
m,p-Xylene	ND	0.0018	EPA 8260C	6-24-14	6-24-14	
o-Xylene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Styrene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Bromoform	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Isopropylbenzene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Bromobenzene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,1,2,2-Tetrachloroethane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichloropropane	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
n-Propylbenzene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
2-Chlorotoluene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
4-Chlorotoluene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,3,5-Trimethylbenzene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
tert-Butylbenzene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trimethylbenzene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
sec-Butylbenzene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,3-Dichlorobenzene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
p-Isopropyltoluene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,4-Dichlorobenzene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,2-Dichlorobenzene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
n-Butylbenzene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromo-3-chloropropane	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trichlorobenzene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
Hexachlorobutadiene	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
Naphthalene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichlorobenzene	ND	0.00092	EPA 8260C	6-24-14	6-24-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>112</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>116</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>109</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-32-5</b>					
Laboratory ID:	06-173-29					
Dichlorodifluoromethane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Chloromethane	ND	0.0040	EPA 8260C	6-24-14	6-24-14	
Vinyl Chloride	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Bromomethane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Chloroethane	ND	0.0040	EPA 8260C	6-24-14	6-24-14	
Trichlorofluoromethane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Acetone	ND	0.0040	EPA 8260C	6-24-14	6-24-14	
Iodomethane	ND	0.0040	EPA 8260C	6-24-14	6-24-14	
Carbon Disulfide	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Methylene Chloride	ND	0.0040	EPA 8260C	6-24-14	6-24-14	
(trans) 1,2-Dichloroethene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Methyl t-Butyl Ether	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Vinyl Acetate	ND	0.0040	EPA 8260C	6-24-14	6-24-14	
2,2-Dichloropropane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
(cis) 1,2-Dichloroethene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
2-Butanone	ND	0.0040	EPA 8260C	6-24-14	6-24-14	
Bromochloromethane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Chloroform	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,1,1-Trichloroethane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Carbon Tetrachloride	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloropropene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Benzene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloroethane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Trichloroethene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloropropane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Dibromomethane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Bromodichloromethane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
2-Chloroethyl Vinyl Ether	ND	0.0040	EPA 8260C	6-24-14	6-24-14	
(cis) 1,3-Dichloropropene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Methyl Isobutyl Ketone	ND	0.0040	EPA 8260C	6-24-14	6-24-14	
Toluene	ND	0.0040	EPA 8260C	6-24-14	6-24-14	
(trans) 1,3-Dichloropropene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-32-5</b>					
Laboratory ID:	06-173-29					
1,1,2-Trichloroethane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Tetrachloroethene	0.040	0.00081	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
2-Hexanone	ND	0.0040	EPA 8260C	6-24-14	6-24-14	
Dibromochloromethane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromoethane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Chlorobenzene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,1,1,2-Tetrachloroethane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Ethylbenzene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
m,p-Xylene	ND	0.0016	EPA 8260C	6-24-14	6-24-14	
o-Xylene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Styrene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Bromoform	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Isopropylbenzene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Bromobenzene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,1,2,2-Tetrachloroethane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichloropropane	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
n-Propylbenzene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
2-Chlorotoluene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
4-Chlorotoluene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,3,5-Trimethylbenzene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
tert-Butylbenzene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trimethylbenzene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
sec-Butylbenzene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,3-Dichlorobenzene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
p-Isopropyltoluene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,4-Dichlorobenzene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,2-Dichlorobenzene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
n-Butylbenzene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromo-3-chloropropane	ND	0.0040	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trichlorobenzene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
Hexachlorobutadiene	ND	0.0040	EPA 8260C	6-24-14	6-24-14	
Naphthalene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichlorobenzene	ND	0.00081	EPA 8260C	6-24-14	6-24-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>114</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>118</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>109</i>	<i>73-124</i>				



Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-32-12</b>					
Laboratory ID:	06-173-30					
Dichlorodifluoromethane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Chloromethane	ND	0.0068	EPA 8260C	6-20-14	6-20-14	
Vinyl Chloride	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Bromomethane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Chloroethane	ND	0.0068	EPA 8260C	6-20-14	6-20-14	
Trichlorofluoromethane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Acetone	ND	0.0068	EPA 8260C	6-20-14	6-20-14	
Iodomethane	ND	0.0068	EPA 8260C	6-20-14	6-20-14	
Carbon Disulfide	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Methylene Chloride	ND	0.0068	EPA 8260C	6-20-14	6-20-14	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Methyl t-Butyl Ether	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Vinyl Acetate	ND	0.0068	EPA 8260C	6-20-14	6-20-14	
2,2-Dichloropropane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
2-Butanone	ND	0.0068	EPA 8260C	6-20-14	6-20-14	
Bromochloromethane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Chloroform	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Carbon Tetrachloride	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloropropene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Benzene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloroethane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Trichloroethene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloropropane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Dibromomethane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Bromodichloromethane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
2-Chloroethyl Vinyl Ether	ND	0.0068	EPA 8260C	6-20-14	6-20-14	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Methyl Isobutyl Ketone	ND	0.0068	EPA 8260C	6-20-14	6-20-14	
Toluene	ND	0.0068	EPA 8260C	6-20-14	6-20-14	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-32-12</b>					
Laboratory ID:	06-173-30					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Tetrachloroethene	0.033	0.0014	EPA 8260C	6-20-14	6-20-14	
1,3-Dichloropropane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
2-Hexanone	ND	0.0068	EPA 8260C	6-20-14	6-20-14	
Dibromochloromethane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromoethane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Chlorobenzene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Ethylbenzene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
m,p-Xylene	ND	0.0027	EPA 8260C	6-20-14	6-20-14	
o-Xylene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Styrene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Bromoform	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Isopropylbenzene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Bromobenzene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
n-Propylbenzene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
2-Chlorotoluene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
4-Chlorotoluene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,3,5-Trimethylbenzene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
tert-Butylbenzene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trimethylbenzene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
sec-Butylbenzene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,3-Dichlorobenzene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
p-Isopropyltoluene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,4-Dichlorobenzene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,2-Dichlorobenzene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
n-Butylbenzene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromo-3-chloropropane	ND	0.0068	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trichlorobenzene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
Hexachlorobutadiene	ND	0.0068	EPA 8260C	6-20-14	6-20-14	
Naphthalene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichlorobenzene	ND	0.0014	EPA 8260C	6-20-14	6-20-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>108</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>108</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>103</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-32-27</b>					
Laboratory ID:	06-173-31					
Dichlorodifluoromethane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Chloromethane	ND	0.0039	EPA 8260C	6-20-14	6-20-14	
Vinyl Chloride	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Bromomethane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Chloroethane	ND	0.0039	EPA 8260C	6-20-14	6-20-14	
Trichlorofluoromethane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Acetone	ND	0.0039	EPA 8260C	6-20-14	6-20-14	
Iodomethane	ND	0.0039	EPA 8260C	6-20-14	6-20-14	
Carbon Disulfide	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Methylene Chloride	ND	0.0039	EPA 8260C	6-20-14	6-20-14	
(trans) 1,2-Dichloroethene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Methyl t-Butyl Ether	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Vinyl Acetate	ND	0.0039	EPA 8260C	6-20-14	6-20-14	
2,2-Dichloropropane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
(cis) 1,2-Dichloroethene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
2-Butanone	ND	0.0039	EPA 8260C	6-20-14	6-20-14	
Bromochloromethane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Chloroform	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,1,1-Trichloroethane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Carbon Tetrachloride	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloropropene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Benzene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloroethane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Trichloroethene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloropropane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Dibromomethane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Bromodichloromethane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
2-Chloroethyl Vinyl Ether	ND	0.0039	EPA 8260C	6-20-14	6-20-14	
(cis) 1,3-Dichloropropene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Methyl Isobutyl Ketone	ND	0.0039	EPA 8260C	6-20-14	6-20-14	
Toluene	ND	0.0039	EPA 8260C	6-20-14	6-20-14	
(trans) 1,3-Dichloropropene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-32-27</b>					
Laboratory ID:	06-173-31					
1,1,2-Trichloroethane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Tetrachloroethene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,3-Dichloropropane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
2-Hexanone	ND	0.0039	EPA 8260C	6-20-14	6-20-14	
Dibromochloromethane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromoethane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Chlorobenzene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,1,1,2-Tetrachloroethane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Ethylbenzene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
m,p-Xylene	ND	0.0016	EPA 8260C	6-20-14	6-20-14	
o-Xylene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Styrene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Bromoform	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Isopropylbenzene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Bromobenzene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,1,2,2-Tetrachloroethane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichloropropane	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
n-Propylbenzene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
2-Chlorotoluene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
4-Chlorotoluene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,3,5-Trimethylbenzene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
tert-Butylbenzene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trimethylbenzene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
sec-Butylbenzene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,3-Dichlorobenzene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
p-Isopropyltoluene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,4-Dichlorobenzene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,2-Dichlorobenzene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
n-Butylbenzene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromo-3-chloropropane	ND	0.0039	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trichlorobenzene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
Hexachlorobutadiene	ND	0.0039	EPA 8260C	6-20-14	6-20-14	
Naphthalene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichlorobenzene	ND	0.00078	EPA 8260C	6-20-14	6-20-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>116</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>114</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>109</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-31-2.5</b>					
Laboratory ID:	06-173-33					
Dichlorodifluoromethane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Chloromethane	ND	0.0049	EPA 8260C	6-24-14	6-24-14	
Vinyl Chloride	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Bromomethane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Chloroethane	ND	0.0049	EPA 8260C	6-24-14	6-24-14	
Trichlorofluoromethane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Acetone	ND	0.0049	EPA 8260C	6-24-14	6-24-14	
Iodomethane	ND	0.0049	EPA 8260C	6-24-14	6-24-14	
Carbon Disulfide	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Methylene Chloride	ND	0.0049	EPA 8260C	6-24-14	6-24-14	
(trans) 1,2-Dichloroethene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Methyl t-Butyl Ether	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Vinyl Acetate	ND	0.0049	EPA 8260C	6-24-14	6-24-14	
2,2-Dichloropropane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
(cis) 1,2-Dichloroethene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
2-Butanone	ND	0.0049	EPA 8260C	6-24-14	6-24-14	
Bromochloromethane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Chloroform	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,1,1-Trichloroethane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Carbon Tetrachloride	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloropropene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Benzene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloroethane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Trichloroethene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloropropane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Dibromomethane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Bromodichloromethane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
2-Chloroethyl Vinyl Ether	ND	0.0049	EPA 8260C	6-24-14	6-24-14	
(cis) 1,3-Dichloropropene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Methyl Isobutyl Ketone	ND	0.0049	EPA 8260C	6-24-14	6-24-14	
Toluene	ND	0.0049	EPA 8260C	6-24-14	6-24-14	
(trans) 1,3-Dichloropropene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-31-2.5</b>					
Laboratory ID:	06-173-33					
1,1,2-Trichloroethane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Tetrachloroethene	0.010	0.00098	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
2-Hexanone	ND	0.0049	EPA 8260C	6-24-14	6-24-14	
Dibromochloromethane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromoethane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Chlorobenzene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,1,1,2-Tetrachloroethane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Ethylbenzene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
m,p-Xylene	ND	0.0020	EPA 8260C	6-24-14	6-24-14	
o-Xylene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Styrene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Bromoform	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Isopropylbenzene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Bromobenzene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,1,2,2-Tetrachloroethane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichloropropane	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
n-Propylbenzene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
2-Chlorotoluene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
4-Chlorotoluene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,3,5-Trimethylbenzene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
tert-Butylbenzene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trimethylbenzene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
sec-Butylbenzene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,3-Dichlorobenzene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
p-Isopropyltoluene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,4-Dichlorobenzene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,2-Dichlorobenzene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
n-Butylbenzene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromo-3-chloropropane	ND	0.0049	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trichlorobenzene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
Hexachlorobutadiene	ND	0.0049	EPA 8260C	6-24-14	6-24-14	
Naphthalene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichlorobenzene	ND	0.00098	EPA 8260C	6-24-14	6-24-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>115</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>117</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>108</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**

Page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-31-16</b>					
Laboratory ID:	06-173-34					
Dichlorodifluoromethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Chloromethane	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
Vinyl Chloride	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Bromomethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Chloroethane	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
Trichlorofluoromethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Acetone	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
Iodomethane	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
Carbon Disulfide	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Methylene Chloride	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
(trans) 1,2-Dichloroethene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Methyl t-Butyl Ether	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Vinyl Acetate	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
2,2-Dichloropropane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
(cis) 1,2-Dichloroethene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
2-Butanone	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
Bromochloromethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Chloroform	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,1,1-Trichloroethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Carbon Tetrachloride	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloropropene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Benzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloroethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Trichloroethene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloropropane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Dibromomethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Bromodichloromethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
2-Chloroethyl Vinyl Ether	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
(cis) 1,3-Dichloropropene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Methyl Isobutyl Ketone	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
Toluene	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
(trans) 1,3-Dichloropropene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-31-16</b>					
Laboratory ID:	06-173-34					
1,1,2-Trichloroethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Tetrachloroethene	0.0050	0.00075	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
2-Hexanone	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
Dibromochloromethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromoethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Chlorobenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,1,1,2-Tetrachloroethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Ethylbenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
m,p-Xylene	ND	0.0015	EPA 8260C	6-24-14	6-24-14	
o-Xylene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Styrene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Bromoform	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Isopropylbenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Bromobenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,1,2,2-Tetrachloroethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichloropropane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
n-Propylbenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
2-Chlorotoluene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
4-Chlorotoluene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,3,5-Trimethylbenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
tert-Butylbenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trimethylbenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
sec-Butylbenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,3-Dichlorobenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
p-Isopropyltoluene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,4-Dichlorobenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,2-Dichlorobenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
n-Butylbenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromo-3-chloropropane	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trichlorobenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Hexachlorobutadiene	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
Naphthalene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichlorobenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>118</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>116</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>108</i>	<i>73-124</i>				



Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-31-27</b>					
Laboratory ID:	06-173-35					
Dichlorodifluoromethane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Chloromethane	ND	0.0044	EPA 8260C	6-24-14	6-24-14	
Vinyl Chloride	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Bromomethane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Chloroethane	ND	0.0044	EPA 8260C	6-24-14	6-24-14	
Trichlorofluoromethane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Acetone	ND	0.0044	EPA 8260C	6-24-14	6-24-14	
Iodomethane	ND	0.0044	EPA 8260C	6-24-14	6-24-14	
Carbon Disulfide	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Methylene Chloride	ND	0.0044	EPA 8260C	6-24-14	6-24-14	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Methyl t-Butyl Ether	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Vinyl Acetate	ND	0.0044	EPA 8260C	6-24-14	6-24-14	
2,2-Dichloropropane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
2-Butanone	ND	0.0044	EPA 8260C	6-24-14	6-24-14	
Bromochloromethane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Chloroform	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,1,1-Trichloroethane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Carbon Tetrachloride	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloropropene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Benzene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloroethane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Trichloroethene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloropropane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Dibromomethane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Bromodichloromethane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
2-Chloroethyl Vinyl Ether	ND	0.0044	EPA 8260C	6-24-14	6-24-14	
(cis) 1,3-Dichloropropene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Methyl Isobutyl Ketone	ND	0.0044	EPA 8260C	6-24-14	6-24-14	
Toluene	ND	0.0044	EPA 8260C	6-24-14	6-24-14	
(trans) 1,3-Dichloropropene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-31-27</b>					
Laboratory ID:	06-173-35					
1,1,2-Trichloroethane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Tetrachloroethene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
2-Hexanone	ND	0.0044	EPA 8260C	6-24-14	6-24-14	
Dibromochloromethane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromoethane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Chlorobenzene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,1,1,2-Tetrachloroethane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Ethylbenzene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
m,p-Xylene	ND	0.0018	EPA 8260C	6-24-14	6-24-14	
o-Xylene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Styrene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Bromoform	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Isopropylbenzene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Bromobenzene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,1,2,2-Tetrachloroethane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichloropropane	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
n-Propylbenzene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
2-Chlorotoluene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
4-Chlorotoluene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,3,5-Trimethylbenzene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
tert-Butylbenzene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trimethylbenzene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
sec-Butylbenzene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,3-Dichlorobenzene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
p-Isopropyltoluene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,4-Dichlorobenzene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,2-Dichlorobenzene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
n-Butylbenzene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromo-3-chloropropane	ND	0.0044	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trichlorobenzene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
Hexachlorobutadiene	ND	0.0044	EPA 8260C	6-24-14	6-24-14	
Naphthalene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichlorobenzene	ND	0.00088	EPA 8260C	6-24-14	6-24-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>115</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>116</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>108</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**

Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-40-4.5</b>					
Laboratory ID:	06-173-37					
Dichlorodifluoromethane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Chloromethane	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
Vinyl Chloride	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Bromomethane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Chloroethane	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
Trichlorofluoromethane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Acetone	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
Iodomethane	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
Carbon Disulfide	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Methylene Chloride	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
(trans) 1,2-Dichloroethene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Methyl t-Butyl Ether	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Vinyl Acetate	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
2,2-Dichloropropane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
(cis) 1,2-Dichloroethene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
2-Butanone	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
Bromochloromethane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Chloroform	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,1,1-Trichloroethane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Carbon Tetrachloride	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloropropene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Benzene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloroethane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Trichloroethene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloropropane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Dibromomethane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Bromodichloromethane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
2-Chloroethyl Vinyl Ether	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
(cis) 1,3-Dichloropropene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Methyl Isobutyl Ketone	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
Toluene	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
(trans) 1,3-Dichloropropene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-40-4.5</b>					
Laboratory ID:	06-173-37					
1,1,2-Trichloroethane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Tetrachloroethene	0.087	0.00093	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
2-Hexanone	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
Dibromochloromethane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromoethane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Chlorobenzene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,1,1,2-Tetrachloroethane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Ethylbenzene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
m,p-Xylene	ND	0.0019	EPA 8260C	6-24-14	6-24-14	
o-Xylene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Styrene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Bromoform	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Isopropylbenzene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Bromobenzene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,1,2,2-Tetrachloroethane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichloropropane	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
n-Propylbenzene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
2-Chlorotoluene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
4-Chlorotoluene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,3,5-Trimethylbenzene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
tert-Butylbenzene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trimethylbenzene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
sec-Butylbenzene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,3-Dichlorobenzene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
p-Isopropyltoluene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,4-Dichlorobenzene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,2-Dichlorobenzene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
n-Butylbenzene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromo-3-chloropropane	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trichlorobenzene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
Hexachlorobutadiene	ND	0.0046	EPA 8260C	6-24-14	6-24-14	
Naphthalene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichlorobenzene	ND	0.00093	EPA 8260C	6-24-14	6-24-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>117</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>116</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-40-17.5</b>					
Laboratory ID:	06-173-38					
Dichlorodifluoromethane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Chloromethane	ND	0.0042	EPA 8260C	6-24-14	6-24-14	
Vinyl Chloride	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Bromomethane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Chloroethane	ND	0.0042	EPA 8260C	6-24-14	6-24-14	
Trichlorofluoromethane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Acetone	ND	0.0042	EPA 8260C	6-24-14	6-24-14	
Iodomethane	ND	0.0042	EPA 8260C	6-24-14	6-24-14	
Carbon Disulfide	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Methylene Chloride	ND	0.0042	EPA 8260C	6-24-14	6-24-14	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Methyl t-Butyl Ether	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Vinyl Acetate	ND	0.0042	EPA 8260C	6-24-14	6-24-14	
2,2-Dichloropropane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
2-Butanone	ND	0.0042	EPA 8260C	6-24-14	6-24-14	
Bromochloromethane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Chloroform	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,1,1-Trichloroethane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Carbon Tetrachloride	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloropropene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Benzene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloroethane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Trichloroethene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloropropane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Dibromomethane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Bromodichloromethane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
2-Chloroethyl Vinyl Ether	ND	0.0042	EPA 8260C	6-24-14	6-24-14	
(cis) 1,3-Dichloropropene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Methyl Isobutyl Ketone	ND	0.0042	EPA 8260C	6-24-14	6-24-14	
Toluene	ND	0.0042	EPA 8260C	6-24-14	6-24-14	
(trans) 1,3-Dichloropropene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-40-17.5</b>					
<b>Laboratory ID:</b>	06-173-38					
1,1,2-Trichloroethane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Tetrachloroethene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
2-Hexanone	ND	0.0042	EPA 8260C	6-24-14	6-24-14	
Dibromochloromethane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromoethane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Chlorobenzene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,1,1,2-Tetrachloroethane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Ethylbenzene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
m,p-Xylene	ND	0.0017	EPA 8260C	6-24-14	6-24-14	
o-Xylene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Styrene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Bromoform	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Isopropylbenzene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Bromobenzene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,1,2,2-Tetrachloroethane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichloropropane	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
n-Propylbenzene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
2-Chlorotoluene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
4-Chlorotoluene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,3,5-Trimethylbenzene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
tert-Butylbenzene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trimethylbenzene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
sec-Butylbenzene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,3-Dichlorobenzene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
p-Isopropyltoluene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,4-Dichlorobenzene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,2-Dichlorobenzene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
n-Butylbenzene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromo-3-chloropropane	ND	0.0042	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trichlorobenzene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
Hexachlorobutadiene	ND	0.0042	EPA 8260C	6-24-14	6-24-14	
Naphthalene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichlorobenzene	ND	0.00085	EPA 8260C	6-24-14	6-24-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>117</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>116</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>110</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-40-27</b>					
Laboratory ID:	06-173-39					
Dichlorodifluoromethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Chloromethane	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
Vinyl Chloride	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Bromomethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Chloroethane	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
Trichlorofluoromethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Acetone	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
Iodomethane	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
Carbon Disulfide	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Methylene Chloride	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
(trans) 1,2-Dichloroethene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Methyl t-Butyl Ether	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Vinyl Acetate	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
2,2-Dichloropropane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
(cis) 1,2-Dichloroethene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
2-Butanone	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
Bromochloromethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Chloroform	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,1,1-Trichloroethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Carbon Tetrachloride	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloropropene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Benzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloroethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Trichloroethene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloropropane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Dibromomethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Bromodichloromethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
2-Chloroethyl Vinyl Ether	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
(cis) 1,3-Dichloropropene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Methyl Isobutyl Ketone	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
Toluene	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
(trans) 1,3-Dichloropropene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-40-27</b>					
Laboratory ID:	06-173-39					
1,1,2-Trichloroethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Tetrachloroethene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
2-Hexanone	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
Dibromochloromethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromoethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Chlorobenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,1,1,2-Tetrachloroethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Ethylbenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
m,p-Xylene	ND	0.0015	EPA 8260C	6-24-14	6-24-14	
o-Xylene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Styrene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Bromoform	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Isopropylbenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Bromobenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,1,2,2-Tetrachloroethane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichloropropane	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
n-Propylbenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
2-Chlorotoluene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
4-Chlorotoluene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,3,5-Trimethylbenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
tert-Butylbenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trimethylbenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
sec-Butylbenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,3-Dichlorobenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
p-Isopropyltoluene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,4-Dichlorobenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,2-Dichlorobenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
n-Butylbenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromo-3-chloropropane	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trichlorobenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
Hexachlorobutadiene	ND	0.0038	EPA 8260C	6-24-14	6-24-14	
Naphthalene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichlorobenzene	ND	0.00075	EPA 8260C	6-24-14	6-24-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>112</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>117</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>108</i>	<i>73-124</i>				



Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C  
 METHOD BLANK QUALITY CONTROL**

Page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0620S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Chloromethane	ND	0.0050	EPA 8260C	6-20-14	6-20-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Bromomethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Chloroethane	ND	0.0050	EPA 8260C	6-20-14	6-20-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Acetone	ND	0.0050	EPA 8260C	6-20-14	6-20-14	
Iodomethane	ND	0.0050	EPA 8260C	6-20-14	6-20-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Methylene Chloride	ND	0.0050	EPA 8260C	6-20-14	6-20-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Vinyl Acetate	ND	0.0050	EPA 8260C	6-20-14	6-20-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
2-Butanone	ND	0.0050	EPA 8260C	6-20-14	6-20-14	
Bromochloromethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Chloroform	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Benzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Trichloroethene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Dibromomethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	6-20-14	6-20-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	6-20-14	6-20-14	
Toluene	ND	0.0050	EPA 8260C	6-20-14	6-20-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	

Date of Report: June 26, 2014  
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 Project: 060172

**VOLATILES EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0620S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Tetrachloroethene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
2-Hexanone	ND	0.0050	EPA 8260C	6-20-14	6-20-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Chlorobenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Ethylbenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
m,p-Xylene	ND	0.0020	EPA 8260C	6-20-14	6-20-14	
o-Xylene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Styrene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Bromoform	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Bromobenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	6-20-14	6-20-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	6-20-14	6-20-14	
Naphthalene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	6-20-14	6-20-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>113</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>111</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**

Page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0624S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Chloromethane	ND	0.0050	EPA 8260C	6-24-14	6-24-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Bromomethane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Chloroethane	ND	0.0050	EPA 8260C	6-24-14	6-24-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Acetone	ND	0.0050	EPA 8260C	6-24-14	6-24-14	
Iodomethane	ND	0.0050	EPA 8260C	6-24-14	6-24-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Methylene Chloride	ND	0.0050	EPA 8260C	6-24-14	6-24-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Vinyl Acetate	ND	0.0050	EPA 8260C	6-24-14	6-24-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
2-Butanone	ND	0.0050	EPA 8260C	6-24-14	6-24-14	
Bromochloromethane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Chloroform	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Benzene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Trichloroethene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Dibromomethane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	6-24-14	6-24-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	6-24-14	6-24-14	
Toluene	ND	0.0050	EPA 8260C	6-24-14	6-24-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0624S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Tetrachloroethene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
2-Hexanone	ND	0.0050	EPA 8260C	6-24-14	6-24-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Chlorobenzene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Ethylbenzene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
m,p-Xylene	ND	0.0020	EPA 8260C	6-24-14	6-24-14	
o-Xylene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Styrene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Bromoform	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Bromobenzene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	6-24-14	6-24-14	
Naphthalene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	6-24-14	6-24-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>119</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>115</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>110</i>	<i>73-124</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
	SB	SBD	SB	SBD	SB	SBD				
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0620S1									
1,1-Dichloroethene	<b>0.0481</b>	<b>0.0495</b>	0.0500	0.0500	96	99	56-141	3	15	
Benzene	<b>0.0503</b>	<b>0.0511</b>	0.0500	0.0500	101	102	70-121	2	15	
Trichloroethene	<b>0.0507</b>	<b>0.0501</b>	0.0500	0.0500	101	100	74-118	1	15	
Toluene	<b>0.0497</b>	<b>0.0493</b>	0.0500	0.0500	99	99	75-120	1	15	
Chlorobenzene	<b>0.0466</b>	<b>0.0454</b>	0.0500	0.0500	93	91	75-120	3	15	
<i>Surrogate:</i>										
Dibromofluoromethane					105	103	65-129			
Toluene-d8					105	104	77-122			
4-Bromofluorobenzene					102	100	73-124			

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0624S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0467</b>	<b>0.0482</b>	0.0500	0.0500	93	96	56-141	3	15	
Benzene	<b>0.0516</b>	<b>0.0518</b>	0.0500	0.0500	103	104	70-121	0	15	
Trichloroethene	<b>0.0517</b>	<b>0.0513</b>	0.0500	0.0500	103	103	74-118	1	15	
Toluene	<b>0.0530</b>	<b>0.0503</b>	0.0500	0.0500	106	101	75-120	5	15	
Chlorobenzene	<b>0.0488</b>	<b>0.0456</b>	0.0500	0.0500	98	91	75-120	7	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					<i>103</i>	<i>105</i>	<i>65-129</i>			
<i>Toluene-d8</i>					<i>107</i>	<i>109</i>	<i>77-122</i>			
<i>4-Bromofluorobenzene</i>					<i>102</i>	<i>103</i>	<i>73-124</i>			

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-36-061814</b>					
Laboratory ID:	06-173-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chloromethane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Vinyl Chloride	0.93	0.20	EPA 8260C	6-23-14	6-23-14	
Bromomethane	ND	0.34	EPA 8260C	6-23-14	6-23-14	
Chloroethane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Acetone	ND	5.0	EPA 8260C	6-23-14	6-23-14	
Iodomethane	ND	1.4	EPA 8260C	6-23-14	6-23-14	
Carbon Disulfide	0.21	0.20	EPA 8260C	6-23-14	6-23-14	
Methylene Chloride	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Vinyl Acetate	ND	1.0	EPA 8260C	6-23-14	6-23-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
(cis) 1,2-Dichloroethene	5.8	0.20	EPA 8260C	6-23-14	6-23-14	
2-Butanone	ND	5.0	EPA 8260C	6-23-14	6-23-14	
Bromochloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chloroform	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Benzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Trichloroethene	1.0	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Dibromomethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromodichloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-23-14	6-23-14	
Toluene	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	

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 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-36-061814</b>					
<b>Laboratory ID:</b>	06-173-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Tetrachloroethene	2.3	0.20	EPA 8260C	6-23-14	6-23-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Hexanone	ND	2.0	EPA 8260C	6-23-14	6-23-14	
Dibromochloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Ethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
m,p-Xylene	ND	0.40	EPA 8260C	6-23-14	6-23-14	
o-Xylene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Styrene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromoform	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Isopropylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
n-Propylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
n-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Naphthalene	9.6	1.0	EPA 8260C	6-23-14	6-23-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>102</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>71-120</i>				



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 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Water  
 Units: ug/L

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-35-061814</b>					
Laboratory ID:	06-173-12					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chloromethane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Vinyl Chloride	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromomethane	ND	0.34	EPA 8260C	6-23-14	6-23-14	
Chloroethane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Acetone	ND	5.0	EPA 8260C	6-23-14	6-23-14	
Iodomethane	ND	1.4	EPA 8260C	6-23-14	6-23-14	
Carbon Disulfide	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methylene Chloride	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(trans) 1,2-Dichloroethene	0.51	0.20	EPA 8260C	6-23-14	6-23-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Vinyl Acetate	ND	1.0	EPA 8260C	6-23-14	6-23-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
(cis) 1,2-Dichloroethene	38	0.20	EPA 8260C	6-23-14	6-23-14	
2-Butanone	ND	5.0	EPA 8260C	6-23-14	6-23-14	
Bromochloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chloroform	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Benzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichloroethane	0.94	0.20	EPA 8260C	6-23-14	6-23-14	
Trichloroethene	9.6	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Dibromomethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromodichloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-23-14	6-23-14	
Toluene	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	

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 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-35-061814</b>					
<b>Laboratory ID:</b>	06-173-12					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Tetrachloroethene	16	0.20	EPA 8260C	6-23-14	6-23-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Hexanone	ND	2.0	EPA 8260C	6-23-14	6-23-14	
Dibromochloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Ethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
m,p-Xylene	ND	0.40	EPA 8260C	6-23-14	6-23-14	
o-Xylene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Styrene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromoform	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Isopropylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
n-Propylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
n-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Naphthalene	1.4	1.0	EPA 8260C	6-23-14	6-23-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>94</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>95</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>71-120</i>				

Date of Report: June 26, 2014  
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 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Water  
 Units: ug/L

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-34-061814</b>					
Laboratory ID:	06-173-20					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chloromethane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Vinyl Chloride	0.39	0.20	EPA 8260C	6-23-14	6-23-14	
Bromomethane	ND	0.34	EPA 8260C	6-23-14	6-23-14	
Chloroethane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Acetone	ND	5.0	EPA 8260C	6-23-14	6-23-14	
Iodomethane	ND	1.4	EPA 8260C	6-23-14	6-23-14	
Carbon Disulfide	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methylene Chloride	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(trans) 1,2-Dichloroethene	0.22	0.20	EPA 8260C	6-23-14	6-23-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Vinyl Acetate	ND	1.0	EPA 8260C	6-23-14	6-23-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
(cis) 1,2-Dichloroethene	19	0.20	EPA 8260C	6-23-14	6-23-14	
2-Butanone	ND	5.0	EPA 8260C	6-23-14	6-23-14	
Bromochloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chloroform	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Benzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Trichloroethene	1.7	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Dibromomethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromodichloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-23-14	6-23-14	
Toluene	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-34-061814</b>					
Laboratory ID:	06-173-20					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Tetrachloroethene	18	0.20	EPA 8260C	6-23-14	6-23-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Hexanone	ND	2.0	EPA 8260C	6-23-14	6-23-14	
Dibromochloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Ethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
m,p-Xylene	ND	0.40	EPA 8260C	6-23-14	6-23-14	
o-Xylene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Styrene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromoform	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Isopropylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
n-Propylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
n-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Naphthalene	ND	1.0	EPA 8260C	6-23-14	6-23-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	92	62-122				
<i>Toluene-d8</i>	93	70-120				
<i>4-Bromofluorobenzene</i>	94	71-120				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Water  
 Units: ug/L

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-33-061914</b>					
Laboratory ID:	06-173-28					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chloromethane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Vinyl Chloride	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromomethane	ND	0.34	EPA 8260C	6-23-14	6-23-14	
Chloroethane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Acetone	ND	5.0	EPA 8260C	6-23-14	6-23-14	
Iodomethane	ND	1.4	EPA 8260C	6-23-14	6-23-14	
Carbon Disulfide	0.38	0.20	EPA 8260C	6-23-14	6-23-14	
Methylene Chloride	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Vinyl Acetate	ND	1.0	EPA 8260C	6-23-14	6-23-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
(cis) 1,2-Dichloroethene	7.6	0.20	EPA 8260C	6-23-14	6-23-14	
2-Butanone	ND	5.0	EPA 8260C	6-23-14	6-23-14	
Bromochloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chloroform	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Benzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Trichloroethene	0.46	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Dibromomethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromodichloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-23-14	6-23-14	
Toluene	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-33-061914</b>					
<b>Laboratory ID:</b>	06-173-28					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Tetrachloroethene	3.2	0.20	EPA 8260C	6-23-14	6-23-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Hexanone	ND	2.0	EPA 8260C	6-23-14	6-23-14	
Dibromochloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Ethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
m,p-Xylene	ND	0.40	EPA 8260C	6-23-14	6-23-14	
o-Xylene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Styrene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromoform	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Isopropylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
n-Propylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
n-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Naphthalene	ND	1.0	EPA 8260C	6-23-14	6-23-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>96</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>71-120</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Water  
 Units: ug/L

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-32-061914</b>					
Laboratory ID:	06-173-32					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chloromethane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Vinyl Chloride	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromomethane	ND	0.34	EPA 8260C	6-23-14	6-23-14	
Chloroethane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Acetone	ND	5.0	EPA 8260C	6-23-14	6-23-14	
Iodomethane	ND	1.4	EPA 8260C	6-23-14	6-23-14	
Carbon Disulfide	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methylene Chloride	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Vinyl Acetate	ND	1.0	EPA 8260C	6-23-14	6-23-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
(cis) 1,2-Dichloroethene	3.7	0.20	EPA 8260C	6-23-14	6-23-14	
2-Butanone	ND	5.0	EPA 8260C	6-23-14	6-23-14	
Bromochloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chloroform	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Benzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Trichloroethene	0.20	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Dibromomethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromodichloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-23-14	6-23-14	
Toluene	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-32-061914</b>					
Laboratory ID:	06-173-32					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Tetrachloroethene	0.76	0.20	EPA 8260C	6-23-14	6-23-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Hexanone	ND	2.0	EPA 8260C	6-23-14	6-23-14	
Dibromochloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Ethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
m,p-Xylene	ND	0.40	EPA 8260C	6-23-14	6-23-14	
o-Xylene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Styrene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromoform	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Isopropylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
n-Propylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
n-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Naphthalene	ND	1.0	EPA 8260C	6-23-14	6-23-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>98</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>71-120</i>				



Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-31-061914</b>					
Laboratory ID:	06-173-36					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chloromethane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Vinyl Chloride	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromomethane	ND	0.34	EPA 8260C	6-23-14	6-23-14	
Chloroethane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Acetone	ND	5.0	EPA 8260C	6-23-14	6-23-14	
Iodomethane	ND	1.4	EPA 8260C	6-23-14	6-23-14	
Carbon Disulfide	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methylene Chloride	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Vinyl Acetate	ND	1.0	EPA 8260C	6-23-14	6-23-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Butanone	ND	5.0	EPA 8260C	6-23-14	6-23-14	
Bromochloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chloroform	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Benzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Trichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Dibromomethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromodichloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-23-14	6-23-14	
Toluene	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-31-061914</b>					
<b>Laboratory ID:</b>	06-173-36					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Tetrachloroethene	2.0	0.20	EPA 8260C	6-23-14	6-23-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Hexanone	ND	2.0	EPA 8260C	6-23-14	6-23-14	
Dibromochloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Ethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
m,p-Xylene	ND	0.40	EPA 8260C	6-23-14	6-23-14	
o-Xylene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Styrene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromoform	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Isopropylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
n-Propylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
n-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Naphthalene	ND	1.0	EPA 8260C	6-23-14	6-23-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>95</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>71-120</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-40-061914</b>					
Laboratory ID:	06-173-40					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chloromethane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Vinyl Chloride	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromomethane	ND	0.34	EPA 8260C	6-23-14	6-23-14	
Chloroethane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Acetone	ND	5.0	EPA 8260C	6-23-14	6-23-14	
Iodomethane	ND	1.4	EPA 8260C	6-23-14	6-23-14	
Carbon Disulfide	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methylene Chloride	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Vinyl Acetate	ND	1.0	EPA 8260C	6-23-14	6-23-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Butanone	ND	5.0	EPA 8260C	6-23-14	6-23-14	
Bromochloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chloroform	0.33	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Benzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Trichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Dibromomethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromodichloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-23-14	6-23-14	
Toluene	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-40-061914</b>					
Laboratory ID:	06-173-40					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Tetrachloroethene	1.1	0.20	EPA 8260C	6-23-14	6-23-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Hexanone	ND	2.0	EPA 8260C	6-23-14	6-23-14	
Dibromochloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Ethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
m,p-Xylene	ND	0.40	EPA 8260C	6-23-14	6-23-14	
o-Xylene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Styrene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromoform	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Isopropylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
n-Propylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
n-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Naphthalene	ND	1.0	EPA 8260C	6-23-14	6-23-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>95</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>71-120</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C  
 METHOD BLANK QUALITY CONTROL**

Page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0623W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chloromethane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Vinyl Chloride	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromomethane	ND	0.34	EPA 8260C	6-23-14	6-23-14	
Chloroethane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Acetone	ND	5.0	EPA 8260C	6-23-14	6-23-14	
Iodomethane	ND	1.4	EPA 8260C	6-23-14	6-23-14	
Carbon Disulfide	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methylene Chloride	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Vinyl Acetate	ND	1.0	EPA 8260C	6-23-14	6-23-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Butanone	ND	5.0	EPA 8260C	6-23-14	6-23-14	
Bromochloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chloroform	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Benzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Trichloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Dibromomethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromodichloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-23-14	6-23-14	
Toluene	ND	1.0	EPA 8260C	6-23-14	6-23-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-23-14	6-23-14	

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:		MB0623W1				
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Tetrachloroethene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Hexanone	ND	2.0	EPA 8260C	6-23-14	6-23-14	
Dibromochloromethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Chlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Ethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
m,p-Xylene	ND	0.40	EPA 8260C	6-23-14	6-23-14	
o-Xylene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Styrene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromoform	ND	1.0	EPA 8260C	6-23-14	6-23-14	
Isopropylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Bromobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-23-14	6-23-14	
n-Propylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
n-Butylbenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-23-14	6-23-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
Naphthalene	ND	1.0	EPA 8260C	6-23-14	6-23-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-23-14	6-23-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>71-120</i>				

Date of Report: June 26, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173  
 Project: 060172

**VOLATILES EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0623W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>9.80</b>	<b>8.78</b>	10.0	10.0	98	88	63-142	11	17	
Benzene	<b>9.57</b>	<b>8.47</b>	10.0	10.0	96	85	78-125	12	15	
Trichloroethene	<b>8.57</b>	<b>7.90</b>	10.0	10.0	86	79	75-125	8	15	
Toluene	<b>9.73</b>	<b>9.01</b>	10.0	10.0	97	90	80-125	8	15	
Chlorobenzene	<b>9.19</b>	<b>8.43</b>	10.0	10.0	92	84	80-140	9	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					95	94	62-122			
<i>Toluene-d8</i>					96	98	70-120			
<i>4-Bromofluorobenzene</i>					98	95	71-120			

Date of Report: June 26, 2014  
Samples Submitted: June 19, 2014  
Laboratory Reference: 1406-173  
Project: 060172

**% MOISTURE**

Date Analyzed: 6-20-14

Client ID	Lab ID	% Moisture
B-36-2.5	06-173-01	10
B-36-16.5	06-173-02	18
B-36-24	06-173-03	10
B-35-5	06-173-09	19
B-35-18	06-173-10	26
B-35-27.5	06-173-11	13
B-34-8	06-173-17	15
B-34-16	06-173-18	28
B-34-25	06-173-19	13
B-33-5	06-173-25	13
B-33-16	06-173-26	19
B-33-28	06-173-27	13
B-32-5	06-173-29	11
B-32-12	06-173-30	29
B-32-27	06-173-31	19
B-31-2.5	06-173-33	10
B-31-16	06-173-34	11
B-31-27	06-173-35	13
B-30-4.5	06-173-37	14
B-30-17.5	06-173-38	7
B-30-27	06-173-39	14





### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
  - B - The analyte indicated was also found in the blank sample.
  - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
  - E - The value reported exceeds the quantitation range and is an estimate.
  - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
  - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
  - I - Compound recovery is outside of the control limits.
  - J - The value reported was below the practical quantitation limit. The value is an estimate.
  - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
  - L - The RPD is outside of the control limits.
  - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
  - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
  - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
  - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
  - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
  - P - The RPD of the detected concentrations between the two columns is greater than 40.
  - Q - Surrogate recovery is outside of the control limits.
  - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
  - T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
  - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
  - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
  - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
  - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
  - X - Sample extract treated with a mercury cleanup procedure.
  - X1 - Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
  - Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
  - Z -
- ND - Not Detected at PQL  
 PQL - Practical Quantitation Limit  
 RPD - Relative Percent Difference















14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

July 2, 2014

Jeremy Porter  
Aspect Consulting  
401 2<sup>nd</sup> Avenue South, Suite 201  
Seattle, WA 98104

Re: Analytical Data for Project 060172  
Laboratory Reference No. 1406-173B

Dear Jeremy:

Enclosed are the analytical results and associated quality control data for samples submitted on June 19, 2014.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister  
Project Manager

Enclosures

Date of Report: July 2, 2014  
Samples Submitted: June 19, 2014  
Laboratory Reference: 1406-173B  
Project: 060172

### **Case Narrative**

Samples were collected on June 18 and 19, 2014 and received by the laboratory on June 19, 2014. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

#### Volatiles (soil) EPA 8260C Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-37-8</b>					
Laboratory ID:	06-173-05					
Dichlorodifluoromethane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Chloromethane	ND	0.0041	EPA 8260C	6-30-14	6-30-14	
Vinyl Chloride	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Bromomethane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Chloroethane	ND	0.0041	EPA 8260C	6-30-14	6-30-14	
Trichlorofluoromethane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Acetone	ND	0.0041	EPA 8260C	6-30-14	6-30-14	
Iodomethane	ND	0.0041	EPA 8260C	6-30-14	6-30-14	
Carbon Disulfide	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Methylene Chloride	ND	0.0041	EPA 8260C	6-30-14	6-30-14	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Methyl t-Butyl Ether	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Vinyl Acetate	ND	0.0041	EPA 8260C	6-30-14	6-30-14	
2,2-Dichloropropane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
2-Butanone	ND	0.0041	EPA 8260C	6-30-14	6-30-14	
Bromochloromethane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Chloroform	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,1,1-Trichloroethane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Carbon Tetrachloride	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloropropene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Benzene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloroethane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Trichloroethene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloropropane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Dibromomethane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Bromodichloromethane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
2-Chloroethyl Vinyl Ether	ND	0.0041	EPA 8260C	6-30-14	6-30-14	
(cis) 1,3-Dichloropropene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Methyl Isobutyl Ketone	ND	0.0041	EPA 8260C	6-30-14	6-30-14	
Toluene	ND	0.0041	EPA 8260C	6-30-14	6-30-14	
(trans) 1,3-Dichloropropene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	



Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-37-8</b>					
Laboratory ID:	06-173-05					
1,1,2-Trichloroethane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Tetrachloroethene	0.11	0.00082	EPA 8260C	6-30-14	6-30-14	
1,3-Dichloropropane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
2-Hexanone	ND	0.0041	EPA 8260C	6-30-14	6-30-14	
Dibromochloromethane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromoethane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Chlorobenzene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,1,1,2-Tetrachloroethane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Ethylbenzene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
m,p-Xylene	ND	0.0016	EPA 8260C	6-30-14	6-30-14	
o-Xylene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Styrene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Bromoform	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Isopropylbenzene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Bromobenzene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,1,2,2-Tetrachloroethane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichloropropane	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
n-Propylbenzene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
2-Chlorotoluene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
4-Chlorotoluene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,3,5-Trimethylbenzene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
tert-Butylbenzene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trimethylbenzene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
sec-Butylbenzene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,3-Dichlorobenzene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
p-Isopropyltoluene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,4-Dichlorobenzene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,2-Dichlorobenzene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
n-Butylbenzene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromo-3-chloropropane	ND	0.0041	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trichlorobenzene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
Hexachlorobutadiene	ND	0.0041	EPA 8260C	6-30-14	6-30-14	
Naphthalene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichlorobenzene	ND	0.00082	EPA 8260C	6-30-14	6-30-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>115</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>121</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>73-124</i>				

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-37-17.5</b>					
Laboratory ID:	06-173-06					
Dichlorodifluoromethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Chloromethane	ND	0.0062	EPA 8260C	6-30-14	6-30-14	
Vinyl Chloride	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Bromomethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Chloroethane	ND	0.0062	EPA 8260C	6-30-14	6-30-14	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Acetone	ND	0.0062	EPA 8260C	6-30-14	6-30-14	
Iodomethane	ND	0.0062	EPA 8260C	6-30-14	6-30-14	
Carbon Disulfide	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Methylene Chloride	ND	0.0062	EPA 8260C	6-30-14	6-30-14	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Vinyl Acetate	ND	0.0062	EPA 8260C	6-30-14	6-30-14	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
2-Butanone	ND	0.0062	EPA 8260C	6-30-14	6-30-14	
Bromochloromethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Chloroform	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Benzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Trichloroethene	0.0027	0.0012	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Dibromomethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Bromodichloromethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
2-Chloroethyl Vinyl Ether	ND	0.0062	EPA 8260C	6-30-14	6-30-14	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Methyl Isobutyl Ketone	ND	0.0062	EPA 8260C	6-30-14	6-30-14	
Toluene	ND	0.0062	EPA 8260C	6-30-14	6-30-14	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-37-17.5</b>					
Laboratory ID:	06-173-06					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Tetrachloroethene	0.19	0.0012	EPA 8260C	6-30-14	6-30-14	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
2-Hexanone	ND	0.0062	EPA 8260C	6-30-14	6-30-14	
Dibromochloromethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Chlorobenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Ethylbenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
m,p-Xylene	ND	0.0025	EPA 8260C	6-30-14	6-30-14	
o-Xylene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Styrene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Bromoform	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Isopropylbenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Bromobenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
n-Propylbenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
2-Chlorotoluene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
4-Chlorotoluene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
tert-Butylbenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
sec-Butylbenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
n-Butylbenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromo-3-chloropropane	ND	0.0062	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Hexachlorobutadiene	ND	0.0062	EPA 8260C	6-30-14	6-30-14	
Naphthalene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>114</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>118</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>73-124</i>				

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-37-24</b>					
Laboratory ID:	06-173-07					
Dichlorodifluoromethane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Chloromethane	ND	0.0047	EPA 8260C	6-30-14	6-30-14	
Vinyl Chloride	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Bromomethane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Chloroethane	ND	0.0047	EPA 8260C	6-30-14	6-30-14	
Trichlorofluoromethane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Acetone	0.013	0.0047	EPA 8260C	6-30-14	6-30-14	Y
Iodomethane	ND	0.0047	EPA 8260C	6-30-14	6-30-14	
Carbon Disulfide	0.00096	0.00094	EPA 8260C	6-30-14	6-30-14	
Methylene Chloride	ND	0.0047	EPA 8260C	6-30-14	6-30-14	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Methyl t-Butyl Ether	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Vinyl Acetate	ND	0.0047	EPA 8260C	6-30-14	6-30-14	
2,2-Dichloropropane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
(cis) 1,2-Dichloroethene	0.00098	0.00094	EPA 8260C	6-30-14	6-30-14	
2-Butanone	ND	0.0047	EPA 8260C	6-30-14	6-30-14	
Bromochloromethane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Chloroform	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,1,1-Trichloroethane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Carbon Tetrachloride	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloropropene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Benzene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloroethane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Trichloroethene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloropropane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Dibromomethane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Bromodichloromethane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260C	6-30-14	6-30-14	
(cis) 1,3-Dichloropropene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Methyl Isobutyl Ketone	ND	0.0047	EPA 8260C	6-30-14	6-30-14	
Toluene	ND	0.0047	EPA 8260C	6-30-14	6-30-14	
(trans) 1,3-Dichloropropene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-37-24</b>					
Laboratory ID:	06-173-07					
1,1,2-Trichloroethane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Tetrachloroethene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,3-Dichloropropane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
2-Hexanone	ND	0.0047	EPA 8260C	6-30-14	6-30-14	
Dibromochloromethane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromoethane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Chlorobenzene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,1,1,2-Tetrachloroethane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Ethylbenzene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
m,p-Xylene	ND	0.0019	EPA 8260C	6-30-14	6-30-14	
o-Xylene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Styrene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Bromoform	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Isopropylbenzene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Bromobenzene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,1,2,2-Tetrachloroethane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichloropropane	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
n-Propylbenzene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
2-Chlorotoluene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
4-Chlorotoluene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,3,5-Trimethylbenzene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
tert-Butylbenzene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trimethylbenzene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
sec-Butylbenzene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,3-Dichlorobenzene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
p-Isopropyltoluene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,4-Dichlorobenzene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,2-Dichlorobenzene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
n-Butylbenzene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromo-3-chloropropane	ND	0.0047	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trichlorobenzene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
Hexachlorobutadiene	ND	0.0047	EPA 8260C	6-30-14	6-30-14	
Naphthalene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichlorobenzene	ND	0.00094	EPA 8260C	6-30-14	6-30-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>113</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>120</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>108</i>	<i>73-124</i>				

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-38-6.5</b>					
Laboratory ID:	06-173-13					
Dichlorodifluoromethane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Chloromethane	ND	0.0043	EPA 8260C	6-30-14	6-30-14	
Vinyl Chloride	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Bromomethane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Chloroethane	ND	0.0043	EPA 8260C	6-30-14	6-30-14	
Trichlorofluoromethane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Acetone	ND	0.0043	EPA 8260C	6-30-14	6-30-14	
Iodomethane	ND	0.0043	EPA 8260C	6-30-14	6-30-14	
Carbon Disulfide	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Methylene Chloride	ND	0.0043	EPA 8260C	6-30-14	6-30-14	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Methyl t-Butyl Ether	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Vinyl Acetate	ND	0.0043	EPA 8260C	6-30-14	6-30-14	
2,2-Dichloropropane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
2-Butanone	ND	0.0043	EPA 8260C	6-30-14	6-30-14	
Bromochloromethane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Chloroform	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
1,1,1-Trichloroethane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Carbon Tetrachloride	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloropropene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Benzene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloroethane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Trichloroethene	0.0021	0.00087	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloropropane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Dibromomethane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Bromodichloromethane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
2-Chloroethyl Vinyl Ether	ND	0.0043	EPA 8260C	6-30-14	6-30-14	
(cis) 1,3-Dichloropropene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Methyl Isobutyl Ketone	ND	0.0043	EPA 8260C	6-30-14	6-30-14	
Toluene	ND	0.0043	EPA 8260C	6-30-14	6-30-14	
(trans) 1,3-Dichloropropene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-38-6.5</b>					
Laboratory ID:	06-173-13					
1,1,2-Trichloroethane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Tetrachloroethene	1.2	0.058	EPA 8260C	6-30-14	6-30-14	
1,3-Dichloropropane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
2-Hexanone	ND	0.0043	EPA 8260C	6-30-14	6-30-14	
Dibromochloromethane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromoethane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Chlorobenzene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
1,1,1,2-Tetrachloroethane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Ethylbenzene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
m,p-Xylene	ND	0.0017	EPA 8260C	6-30-14	6-30-14	
o-Xylene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Styrene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Bromoform	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Isopropylbenzene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Bromobenzene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
1,1,2,2-Tetrachloroethane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichloropropane	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
n-Propylbenzene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
2-Chlorotoluene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
4-Chlorotoluene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
1,3,5-Trimethylbenzene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
tert-Butylbenzene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trimethylbenzene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
sec-Butylbenzene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
1,3-Dichlorobenzene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
p-Isopropyltoluene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
1,4-Dichlorobenzene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
1,2-Dichlorobenzene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
n-Butylbenzene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromo-3-chloropropane	ND	0.0043	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trichlorobenzene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
Hexachlorobutadiene	ND	0.0043	EPA 8260C	6-30-14	6-30-14	
Naphthalene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichlorobenzene	ND	0.00087	EPA 8260C	6-30-14	6-30-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>115</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>118</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>73-124</i>				

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-38-16</b>					
Laboratory ID:	06-173-14					
Dichlorodifluoromethane	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Chloromethane	ND	0.0045	EPA 8260C	6-30-14	6-30-14	
Vinyl Chloride	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Bromomethane	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Chloroethane	ND	0.0045	EPA 8260C	6-30-14	6-30-14	
Trichlorofluoromethane	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethene	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Acetone	0.013	0.0045	EPA 8260C	6-30-14	6-30-14	Y
Iodomethane	ND	0.0045	EPA 8260C	6-30-14	6-30-14	
Carbon Disulfide	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Methylene Chloride	0.0049	0.0045	EPA 8260C	6-30-14	6-30-14	H
(trans) 1,2-Dichloroethene	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Methyl t-Butyl Ether	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethane	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Vinyl Acetate	ND	0.0045	EPA 8260C	6-30-14	6-30-14	
2,2-Dichloropropane	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
(cis) 1,2-Dichloroethene	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
2-Butanone	ND	0.0045	EPA 8260C	6-30-14	6-30-14	
Bromochloromethane	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Chloroform	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
1,1,1-Trichloroethane	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Carbon Tetrachloride	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloropropene	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Benzene	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloroethane	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Trichloroethene	0.0021	0.00090	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloropropane	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Dibromomethane	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Bromodichloromethane	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
2-Chloroethyl Vinyl Ether	ND	0.0045	EPA 8260C	6-30-14	6-30-14	
(cis) 1,3-Dichloropropene	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Methyl Isobutyl Ketone	ND	0.0045	EPA 8260C	6-30-14	6-30-14	
Toluene	ND	0.0045	EPA 8260C	6-30-14	6-30-14	
(trans) 1,3-Dichloropropene	ND	0.00090	EPA 8260C	6-30-14	6-30-14	



Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-38-16</b>					
Laboratory ID:	06-173-14					
1,1,2-Trichloroethane	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Tetrachloroethene	1.6	0.064	EPA 8260C	6-30-14	6-30-14	
1,3-Dichloropropane	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
2-Hexanone	ND	0.0045	EPA 8260C	6-30-14	6-30-14	
Dibromochloromethane	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromoethane	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Chlorobenzene	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
1,1,1,2-Tetrachloroethane	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Ethylbenzene	0.0065	0.00090	EPA 8260C	6-30-14	6-30-14	
m,p-Xylene	0.028	0.0018	EPA 8260C	6-30-14	6-30-14	
o-Xylene	0.0098	0.00090	EPA 8260C	6-30-14	6-30-14	
Styrene	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Bromoform	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Isopropylbenzene	ND	0.00090	EPA 8260C	6-30-14	6-30-14	
Bromobenzene	ND	0.064	EPA 8260C	6-30-14	6-30-14	
1,1,2,2-Tetrachloroethane	ND	0.064	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichloropropane	ND	0.064	EPA 8260C	6-30-14	6-30-14	
n-Propylbenzene	ND	0.064	EPA 8260C	6-30-14	6-30-14	
2-Chlorotoluene	ND	0.064	EPA 8260C	6-30-14	6-30-14	
4-Chlorotoluene	ND	0.064	EPA 8260C	6-30-14	6-30-14	
1,3,5-Trimethylbenzene	ND	0.064	EPA 8260C	6-30-14	6-30-14	
tert-Butylbenzene	ND	0.064	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trimethylbenzene	ND	0.064	EPA 8260C	6-30-14	6-30-14	
sec-Butylbenzene	ND	0.064	EPA 8260C	6-30-14	6-30-14	
1,3-Dichlorobenzene	ND	0.064	EPA 8260C	6-30-14	6-30-14	
p-Isopropyltoluene	ND	0.064	EPA 8260C	6-30-14	6-30-14	
1,4-Dichlorobenzene	ND	0.064	EPA 8260C	6-30-14	6-30-14	
1,2-Dichlorobenzene	ND	0.064	EPA 8260C	6-30-14	6-30-14	
n-Butylbenzene	ND	0.064	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromo-3-chloropropane	ND	0.32	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trichlorobenzene	ND	0.064	EPA 8260C	6-30-14	6-30-14	
Hexachlorobutadiene	ND	0.32	EPA 8260C	6-30-14	6-30-14	
Naphthalene	ND	0.064	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichlorobenzene	ND	0.064	EPA 8260C	6-30-14	6-30-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>109</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>82</i>	<i>73-124</i>				

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-38-25</b>					
Laboratory ID:	06-173-15					
Dichlorodifluoromethane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Chloromethane	ND	0.0042	EPA 8260C	6-30-14	6-30-14	
Vinyl Chloride	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Bromomethane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Chloroethane	ND	0.0042	EPA 8260C	6-30-14	6-30-14	
Trichlorofluoromethane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Acetone	ND	0.0042	EPA 8260C	6-30-14	6-30-14	
Iodomethane	ND	0.0042	EPA 8260C	6-30-14	6-30-14	
Carbon Disulfide	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Methylene Chloride	ND	0.0042	EPA 8260C	6-30-14	6-30-14	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Methyl t-Butyl Ether	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Vinyl Acetate	ND	0.0042	EPA 8260C	6-30-14	6-30-14	
2,2-Dichloropropane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
2-Butanone	ND	0.0042	EPA 8260C	6-30-14	6-30-14	
Bromochloromethane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Chloroform	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,1,1-Trichloroethane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Carbon Tetrachloride	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloropropene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Benzene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloroethane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Trichloroethene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloropropane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Dibromomethane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Bromodichloromethane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
2-Chloroethyl Vinyl Ether	ND	0.0042	EPA 8260C	6-30-14	6-30-14	
(cis) 1,3-Dichloropropene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Methyl Isobutyl Ketone	ND	0.0042	EPA 8260C	6-30-14	6-30-14	
Toluene	ND	0.0042	EPA 8260C	6-30-14	6-30-14	
(trans) 1,3-Dichloropropene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-38-25</b>					
Laboratory ID:	06-173-15					
1,1,2-Trichloroethane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Tetrachloroethene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,3-Dichloropropane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
2-Hexanone	ND	0.0042	EPA 8260C	6-30-14	6-30-14	
Dibromochloromethane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromoethane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Chlorobenzene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,1,1,2-Tetrachloroethane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Ethylbenzene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
m,p-Xylene	ND	0.0017	EPA 8260C	6-30-14	6-30-14	
o-Xylene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Styrene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Bromoform	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Isopropylbenzene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Bromobenzene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,1,2,2-Tetrachloroethane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichloropropane	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
n-Propylbenzene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
2-Chlorotoluene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
4-Chlorotoluene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,3,5-Trimethylbenzene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
tert-Butylbenzene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trimethylbenzene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
sec-Butylbenzene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,3-Dichlorobenzene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
p-Isopropyltoluene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,4-Dichlorobenzene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,2-Dichlorobenzene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
n-Butylbenzene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromo-3-chloropropane	ND	0.0042	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trichlorobenzene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
Hexachlorobutadiene	ND	0.0042	EPA 8260C	6-30-14	6-30-14	
Naphthalene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichlorobenzene	ND	0.00085	EPA 8260C	6-30-14	6-30-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>109</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>119</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>73-124</i>				

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-39-7</b>					
Laboratory ID:	06-173-21					
Dichlorodifluoromethane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Chloromethane	ND	0.0036	EPA 8260C	6-30-14	6-30-14	
Vinyl Chloride	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Bromomethane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Chloroethane	ND	0.0036	EPA 8260C	6-30-14	6-30-14	
Trichlorofluoromethane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Acetone	ND	0.0036	EPA 8260C	6-30-14	6-30-14	
Iodomethane	ND	0.0036	EPA 8260C	6-30-14	6-30-14	
Carbon Disulfide	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Methylene Chloride	ND	0.0036	EPA 8260C	6-30-14	6-30-14	
(trans) 1,2-Dichloroethene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Methyl t-Butyl Ether	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Vinyl Acetate	ND	0.0036	EPA 8260C	6-30-14	6-30-14	
2,2-Dichloropropane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
(cis) 1,2-Dichloroethene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
2-Butanone	ND	0.0036	EPA 8260C	6-30-14	6-30-14	
Bromochloromethane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Chloroform	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
1,1,1-Trichloroethane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Carbon Tetrachloride	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloropropene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Benzene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloroethane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Trichloroethene	0.0026	0.00072	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloropropane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Dibromomethane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Bromodichloromethane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
2-Chloroethyl Vinyl Ether	ND	0.0036	EPA 8260C	6-30-14	6-30-14	
(cis) 1,3-Dichloropropene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Methyl Isobutyl Ketone	ND	0.0036	EPA 8260C	6-30-14	6-30-14	
Toluene	ND	0.0036	EPA 8260C	6-30-14	6-30-14	
(trans) 1,3-Dichloropropene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-39-7</b>					
Laboratory ID:	06-173-21					
1,1,2-Trichloroethane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Tetrachloroethene	2.6	0.054	EPA 8260C	6-30-14	6-30-14	
1,3-Dichloropropane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
2-Hexanone	ND	0.0036	EPA 8260C	6-30-14	6-30-14	
Dibromochloromethane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromoethane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Chlorobenzene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
1,1,1,2-Tetrachloroethane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Ethylbenzene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
m,p-Xylene	ND	0.0014	EPA 8260C	6-30-14	6-30-14	
o-Xylene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Styrene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Bromoform	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Isopropylbenzene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Bromobenzene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
1,1,2,2-Tetrachloroethane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichloropropane	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
n-Propylbenzene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
2-Chlorotoluene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
4-Chlorotoluene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
1,3,5-Trimethylbenzene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
tert-Butylbenzene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trimethylbenzene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
sec-Butylbenzene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
1,3-Dichlorobenzene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
p-Isopropyltoluene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
1,4-Dichlorobenzene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
1,2-Dichlorobenzene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
n-Butylbenzene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromo-3-chloropropane	ND	0.0036	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trichlorobenzene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
Hexachlorobutadiene	ND	0.0036	EPA 8260C	6-30-14	6-30-14	
Naphthalene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichlorobenzene	ND	0.00072	EPA 8260C	6-30-14	6-30-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>113</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>119</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>73-124</i>				

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-39-16</b>					
Laboratory ID:	06-173-22					
Dichlorodifluoromethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Chloromethane	ND	0.0059	EPA 8260C	6-30-14	6-30-14	
Vinyl Chloride	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Bromomethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Chloroethane	ND	0.0059	EPA 8260C	6-30-14	6-30-14	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Acetone	ND	0.0059	EPA 8260C	6-30-14	6-30-14	
Iodomethane	ND	0.0059	EPA 8260C	6-30-14	6-30-14	
Carbon Disulfide	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Methylene Chloride	ND	0.0059	EPA 8260C	6-30-14	6-30-14	
(trans) 1,2-Dichloroethene	0.0029	0.0012	EPA 8260C	6-30-14	6-30-14	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Vinyl Acetate	ND	0.0059	EPA 8260C	6-30-14	6-30-14	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
(cis) 1,2-Dichloroethene	0.10	0.0012	EPA 8260C	6-30-14	6-30-14	
2-Butanone	ND	0.0059	EPA 8260C	6-30-14	6-30-14	
Bromochloromethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Chloroform	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Benzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Trichloroethene	0.40	0.077	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Dibromomethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Bromodichloromethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
2-Chloroethyl Vinyl Ether	ND	0.0059	EPA 8260C	6-30-14	6-30-14	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Methyl Isobutyl Ketone	ND	0.0059	EPA 8260C	6-30-14	6-30-14	
Toluene	ND	0.0059	EPA 8260C	6-30-14	6-30-14	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-39-16</b>					
Laboratory ID:	06-173-22					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Tetrachloroethene	4.6	0.077	EPA 8260C	6-30-14	6-30-14	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
2-Hexanone	ND	0.0059	EPA 8260C	6-30-14	6-30-14	
Dibromochloromethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Chlorobenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Ethylbenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
m,p-Xylene	ND	0.0024	EPA 8260C	6-30-14	6-30-14	
o-Xylene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Styrene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Bromoform	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Isopropylbenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Bromobenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
n-Propylbenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
2-Chlorotoluene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
4-Chlorotoluene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
tert-Butylbenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
sec-Butylbenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
n-Butylbenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
Hexachlorobutadiene	ND	0.0059	EPA 8260C	6-30-14	6-30-14	
Naphthalene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	6-30-14	6-30-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>113</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>115</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>73-124</i>				

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-39-27</b>					
Laboratory ID:	06-173-23					
Dichlorodifluoromethane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Chloromethane	ND	0.0037	EPA 8260C	6-30-14	6-30-14	
Vinyl Chloride	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Bromomethane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Chloroethane	ND	0.0037	EPA 8260C	6-30-14	6-30-14	
Trichlorofluoromethane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Acetone	ND	0.0037	EPA 8260C	6-30-14	6-30-14	
Iodomethane	ND	0.0037	EPA 8260C	6-30-14	6-30-14	
Carbon Disulfide	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Methylene Chloride	ND	0.0037	EPA 8260C	6-30-14	6-30-14	
(trans) 1,2-Dichloroethene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Methyl t-Butyl Ether	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Vinyl Acetate	ND	0.0037	EPA 8260C	6-30-14	6-30-14	
2,2-Dichloropropane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
(cis) 1,2-Dichloroethene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
2-Butanone	ND	0.0037	EPA 8260C	6-30-14	6-30-14	
Bromochloromethane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Chloroform	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,1,1-Trichloroethane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Carbon Tetrachloride	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloropropene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Benzene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloroethane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Trichloroethene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloropropane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Dibromomethane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Bromodichloromethane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
2-Chloroethyl Vinyl Ether	ND	0.0037	EPA 8260C	6-30-14	6-30-14	
(cis) 1,3-Dichloropropene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Methyl Isobutyl Ketone	ND	0.0037	EPA 8260C	6-30-14	6-30-14	
Toluene	ND	0.0037	EPA 8260C	6-30-14	6-30-14	
(trans) 1,3-Dichloropropene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	



Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-39-27</b>					
Laboratory ID:	06-173-23					
1,1,2-Trichloroethane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Tetrachloroethene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,3-Dichloropropane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
2-Hexanone	ND	0.0037	EPA 8260C	6-30-14	6-30-14	
Dibromochloromethane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromoethane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Chlorobenzene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,1,1,2-Tetrachloroethane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Ethylbenzene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
m,p-Xylene	ND	0.0015	EPA 8260C	6-30-14	6-30-14	
o-Xylene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Styrene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Bromoform	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Isopropylbenzene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Bromobenzene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,1,2,2-Tetrachloroethane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichloropropane	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
n-Propylbenzene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
2-Chlorotoluene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
4-Chlorotoluene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,3,5-Trimethylbenzene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
tert-Butylbenzene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trimethylbenzene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
sec-Butylbenzene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,3-Dichlorobenzene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
p-Isopropyltoluene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,4-Dichlorobenzene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,2-Dichlorobenzene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
n-Butylbenzene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromo-3-chloropropane	ND	0.0037	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trichlorobenzene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
Hexachlorobutadiene	ND	0.0037	EPA 8260C	6-30-14	6-30-14	
Naphthalene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichlorobenzene	ND	0.00073	EPA 8260C	6-30-14	6-30-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>109</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>116</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>103</i>	<i>73-124</i>				

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0630S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Chloromethane	ND	0.0050	EPA 8260C	6-30-14	6-30-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Bromomethane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Chloroethane	ND	0.0050	EPA 8260C	6-30-14	6-30-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Acetone	ND	0.0050	EPA 8260C	6-30-14	6-30-14	
Iodomethane	ND	0.0050	EPA 8260C	6-30-14	6-30-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Methylene Chloride	ND	0.0050	EPA 8260C	6-30-14	6-30-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Vinyl Acetate	ND	0.0050	EPA 8260C	6-30-14	6-30-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
2-Butanone	ND	0.0050	EPA 8260C	6-30-14	6-30-14	
Bromochloromethane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Chloroform	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Benzene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Trichloroethene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Dibromomethane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	6-30-14	6-30-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	6-30-14	6-30-14	
Toluene	ND	0.0050	EPA 8260C	6-30-14	6-30-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0630S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Tetrachloroethene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
2-Hexanone	ND	0.0050	EPA 8260C	6-30-14	6-30-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Chlorobenzene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Ethylbenzene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
m,p-Xylene	ND	0.0020	EPA 8260C	6-30-14	6-30-14	
o-Xylene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Styrene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Bromoform	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Bromobenzene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	6-30-14	6-30-14	
Naphthalene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	6-30-14	6-30-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>112</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>120</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>73-124</i>				

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					SB	SBD	Limits	RPD	Limit	
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0630S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0491</b>	<b>0.0477</b>	0.0500	0.0500	98	95	56-141	3	15	
Benzene	<b>0.0521</b>	<b>0.0518</b>	0.0500	0.0500	104	104	70-121	1	15	
Trichloroethene	<b>0.0508</b>	<b>0.0506</b>	0.0500	0.0500	102	101	74-118	0	15	
Toluene	<b>0.0524</b>	<b>0.0520</b>	0.0500	0.0500	105	104	75-120	1	15	
Chlorobenzene	<b>0.0461</b>	<b>0.0444</b>	0.0500	0.0500	92	89	75-120	4	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					98	105	65-129			
<i>Toluene-d8</i>					114	110	77-122			
<i>4-Bromofluorobenzene</i>					101	101	73-124			

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-37-061814</b>					
Laboratory ID:	06-173-08					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Chloromethane	ND	1.0	EPA 8260C	6-30-14	6-30-14	
Vinyl Chloride	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Bromomethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Chloroethane	ND	1.0	EPA 8260C	6-30-14	6-30-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Acetone	ND	5.0	EPA 8260C	6-30-14	6-30-14	
Iodomethane	ND	1.0	EPA 8260C	6-30-14	6-30-14	
Carbon Disulfide	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Methylene Chloride	ND	1.0	EPA 8260C	6-30-14	6-30-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Vinyl Acetate	ND	1.0	EPA 8260C	6-30-14	6-30-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
(cis) 1,2-Dichloroethene	3.4	0.20	EPA 8260C	6-30-14	6-30-14	
2-Butanone	ND	5.0	EPA 8260C	6-30-14	6-30-14	
Bromochloromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Chloroform	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Benzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Trichloroethene	1.0	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Dibromomethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Bromodichloromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
2-Chloroethyl Vinyl Ether	ND	2.8	EPA 8260C	6-30-14	6-30-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-30-14	6-30-14	
Toluene	ND	1.0	EPA 8260C	6-30-14	6-30-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-30-14	6-30-14	

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-37-061814</b>					
Laboratory ID:	06-173-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Tetrachloroethene	4.3	0.20	EPA 8260C	6-30-14	6-30-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
2-Hexanone	ND	2.0	EPA 8260C	6-30-14	6-30-14	
Dibromochloromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Chlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Ethylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
m,p-Xylene	ND	0.40	EPA 8260C	6-30-14	6-30-14	
o-Xylene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Styrene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Bromoform	ND	1.0	EPA 8260C	6-30-14	6-30-14	
Isopropylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Bromobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
n-Propylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
n-Butylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Naphthalene	1.7	1.0	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>109</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>107</i>	<i>71-120</i>				

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-38-061814</b>					
Laboratory ID:	06-173-16					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Chloromethane	ND	1.0	EPA 8260C	6-30-14	6-30-14	
Vinyl Chloride	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Bromomethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Chloroethane	ND	1.0	EPA 8260C	6-30-14	6-30-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Acetone	ND	5.0	EPA 8260C	6-30-14	6-30-14	
Iodomethane	ND	1.0	EPA 8260C	6-30-14	6-30-14	
Carbon Disulfide	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Methylene Chloride	ND	1.0	EPA 8260C	6-30-14	6-30-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Vinyl Acetate	ND	1.0	EPA 8260C	6-30-14	6-30-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
(cis) 1,2-Dichloroethene	3.1	0.20	EPA 8260C	6-30-14	6-30-14	
2-Butanone	ND	5.0	EPA 8260C	6-30-14	6-30-14	
Bromochloromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Chloroform	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Benzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Trichloroethene	1.9	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Dibromomethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Bromodichloromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
2-Chloroethyl Vinyl Ether	ND	2.8	EPA 8260C	6-30-14	6-30-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-30-14	6-30-14	
Toluene	ND	1.0	EPA 8260C	6-30-14	6-30-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-30-14	6-30-14	

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-38-061814</b>					
Laboratory ID:	06-173-16					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Tetrachloroethene	8.8	0.20	EPA 8260C	6-30-14	6-30-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
2-Hexanone	ND	2.0	EPA 8260C	6-30-14	6-30-14	
Dibromochloromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Chlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Ethylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
m,p-Xylene	ND	0.40	EPA 8260C	6-30-14	6-30-14	
o-Xylene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Styrene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Bromoform	ND	1.0	EPA 8260C	6-30-14	6-30-14	
Isopropylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Bromobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
n-Propylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
n-Butylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Naphthalene	ND	1.0	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>115</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>105</i>	<i>71-120</i>				



Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-39-061814</b>					
Laboratory ID:	06-173-24					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Chloromethane	ND	1.0	EPA 8260C	6-30-14	6-30-14	
Vinyl Chloride	0.43	0.20	EPA 8260C	6-30-14	6-30-14	
Bromomethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Chloroethane	ND	1.0	EPA 8260C	6-30-14	6-30-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Acetone	ND	5.0	EPA 8260C	6-30-14	6-30-14	
Iodomethane	ND	1.0	EPA 8260C	6-30-14	6-30-14	
Carbon Disulfide	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Methylene Chloride	ND	1.0	EPA 8260C	6-30-14	6-30-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Vinyl Acetate	ND	1.0	EPA 8260C	6-30-14	6-30-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
(cis) 1,2-Dichloroethene	8.4	0.20	EPA 8260C	6-30-14	6-30-14	
2-Butanone	ND	5.0	EPA 8260C	6-30-14	6-30-14	
Bromochloromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Chloroform	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Benzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Trichloroethene	1.2	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Dibromomethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Bromodichloromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
2-Chloroethyl Vinyl Ether	ND	2.8	EPA 8260C	6-30-14	6-30-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-30-14	6-30-14	
Toluene	ND	1.0	EPA 8260C	6-30-14	6-30-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-30-14	6-30-14	

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-39-061814</b>					
<b>Laboratory ID:</b>	06-173-24					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Tetrachloroethene	11	0.20	EPA 8260C	6-30-14	6-30-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
2-Hexanone	ND	2.0	EPA 8260C	6-30-14	6-30-14	
Dibromochloromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Chlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Ethylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
m,p-Xylene	ND	0.40	EPA 8260C	6-30-14	6-30-14	
o-Xylene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Styrene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Bromoform	ND	1.0	EPA 8260C	6-30-14	6-30-14	
Isopropylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Bromobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
n-Propylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
n-Butylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Naphthalene	ND	1.0	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>112</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>99</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>71-120</i>				

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0630W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Chloromethane	ND	1.0	EPA 8260C	6-30-14	6-30-14	
Vinyl Chloride	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Bromomethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Chloroethane	ND	1.0	EPA 8260C	6-30-14	6-30-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Acetone	ND	5.0	EPA 8260C	6-30-14	6-30-14	
Iodomethane	ND	1.0	EPA 8260C	6-30-14	6-30-14	
Carbon Disulfide	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Methylene Chloride	ND	1.0	EPA 8260C	6-30-14	6-30-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Vinyl Acetate	ND	1.0	EPA 8260C	6-30-14	6-30-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
2-Butanone	ND	5.0	EPA 8260C	6-30-14	6-30-14	
Bromochloromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Chloroform	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Benzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Trichloroethene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Dibromomethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Bromodichloromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
2-Chloroethyl Vinyl Ether	ND	2.8	EPA 8260C	6-30-14	6-30-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-30-14	6-30-14	
Toluene	ND	1.0	EPA 8260C	6-30-14	6-30-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-30-14	6-30-14	

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0630W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Tetrachloroethene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
2-Hexanone	ND	2.0	EPA 8260C	6-30-14	6-30-14	
Dibromochloromethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Chlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Ethylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
m,p-Xylene	ND	0.40	EPA 8260C	6-30-14	6-30-14	
o-Xylene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Styrene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Bromoform	ND	1.0	EPA 8260C	6-30-14	6-30-14	
Isopropylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Bromobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-30-14	6-30-14	
n-Propylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
n-Butylbenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-30-14	6-30-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
Naphthalene	ND	1.0	EPA 8260C	6-30-14	6-30-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-30-14	6-30-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>105</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>71-120</i>				

Date of Report: July 2, 2014  
 Samples Submitted: June 19, 2014  
 Laboratory Reference: 1406-173B  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					SB	SBD	Limits	RPD	Limit	
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0630W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>10.6</b>	<b>10.4</b>	10.0	10.0	106	104	63-142	2	17	
Benzene	<b>10.3</b>	<b>10.5</b>	10.0	10.0	103	105	78-125	2	15	
Trichloroethene	<b>8.76</b>	<b>8.78</b>	10.0	10.0	88	88	75-125	0	15	
Toluene	<b>9.80</b>	<b>10.0</b>	10.0	10.0	98	100	80-125	2	15	
Chlorobenzene	<b>8.84</b>	<b>8.67</b>	10.0	10.0	88	87	80-140	2	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					<i>103</i>	<i>107</i>	<i>62-122</i>			
<i>Toluene-d8</i>					<i>99</i>	<i>103</i>	<i>70-120</i>			
<i>4-Bromofluorobenzene</i>					<i>103</i>	<i>105</i>	<i>71-120</i>			

Date of Report: July 2, 2014  
Samples Submitted: June 19, 2014  
Laboratory Reference: 1406-173B  
Project: 060172

**% MOISTURE**

Date Analyzed: 6-30-14

Client ID	Lab ID	% Moisture
B-37-8	06-173-05	10
B-37-17.5	06-173-06	19
B-37-24	06-173-07	16
B-38-6.5	06-173-13	11
B-38-16	06-173-14	13
B-38-25	06-173-15	15
B-39-7	06-173-21	17
B-39-16	06-173-22	26
B-39-27	06-173-23	14



### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
  - B - The analyte indicated was also found in the blank sample.
  - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
  - E - The value reported exceeds the quantitation range and is an estimate.
  - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
  - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
  - I - Compound recovery is outside of the control limits.
  - J - The value reported was below the practical quantitation limit. The value is an estimate.
  - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
  - L - The RPD is outside of the control limits.
  - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
  - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
  - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
  - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
  - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
  - P - The RPD of the detected concentrations between the two columns is greater than 40.
  - Q - Surrogate recovery is outside of the control limits.
  - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
  - T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
  - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
  - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
  - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
  - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
  - X - Sample extract treated with a mercury cleanup procedure.
  - X1 - Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
  - Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
  - Z -
- ND - Not Detected at PQL  
 PQL - Practical Quantitation Limit  
 RPD - Relative Percent Difference









**MVA Onsite Environmental Inc.**  
 Analytical Laboratory Testing Services  
 14648 NE 95th Street • Redmond, WA 98052  
 Phone: (425) 883-3881 • www.onsite-env.com

# Chain of Custody

**06-173**

**Turnaround Request (in working days)**  
 (Check One)

Same Day  1 Day

2 Days  3 Days

Standard (7 Days)  
 (1PH analysis 5 Days)

\_\_\_\_\_ (other)

**Laboratory Number:**

Number of Containers	
NWTPH-HCID	
NWTPH-Gx/BTEX	
NWTPH-Gx	
NWTPH-Dx	
Volatiles 8260C	
Halogenated Volatiles 8260C	
Semivolatiles 8270D/SIM (with low-level PAHs)	
PAHs 8270D/SIM (low-level)	
PCBs 8082A	
Organochlorine Pesticides 8081B	
Organophosphorus Pesticides 8270D/SIM	
Chlorinated Acid Herbicides 8151A	
Total RCRA Metals	
Total MTCA Metals	
TCLP Metals	
HEM (oil and grease) 1664A	
% Moisture	

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	Date	Time	Comments/Special Instructions
21	B-39-1	6/18/14	1500	S	5			
22	B-39-1b		1515	S				
23	B-39-27		1525	S				
24	B-39-061814		1540	W				
25	B-33-5	6/19/14	0820	S				
26	B-33-1b		0830	S				
27	B-33-28		0840	S				
28	B-33-061914		0855	W				
29	B-32-5		0920	S				
30	B-32-12		0930	S				

Signature	Company	Date	Time	Comments/Special Instructions
<i>AT Aspect</i>	ASPECT	6/19/14	1420	see note pg. 1
<i>Spdy</i>		11	11	
<i>Spdy</i>		11	1545	
<i>Spdy</i>		6/19/14	1545	







14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

August 26, 2014

Jeremy Porter  
Aspect Consulting  
401 2<sup>nd</sup> Avenue South, Suite 201  
Seattle, WA 98104

Re: Analytical Data for Project 060172  
Laboratory Reference No. 1408-170

Dear Jeremy:

Enclosed are the analytical results and associated quality control data for samples submitted on August 20, 2014.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister  
Project Manager

Enclosures

Date of Report: August 26, 2014  
Samples Submitted: August 20, 2014  
Laboratory Reference: 1408-170  
Project: 060172

### **Case Narrative**

Samples were collected on August 19, 2014 and received by the laboratory on August 20, 2014. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

#### Volatiles EPA 8260C (soil) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-41-6</b>					
Laboratory ID:	08-170-01					
Dichlorodifluoromethane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Chloromethane	ND	0.0063	EPA 8260C	8-21-14	8-21-14	
Vinyl Chloride	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Bromomethane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Chloroethane	ND	0.0063	EPA 8260C	8-21-14	8-21-14	
Trichlorofluoromethane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Acetone	ND	0.0063	EPA 8260C	8-21-14	8-21-14	
Iodomethane	ND	0.0063	EPA 8260C	8-21-14	8-21-14	
Carbon Disulfide	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Methylene Chloride	ND	0.0094	EPA 8260C	8-21-14	8-21-14	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Vinyl Acetate	ND	0.0081	EPA 8260C	8-21-14	8-21-14	
2,2-Dichloropropane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
2-Butanone	ND	0.0063	EPA 8260C	8-21-14	8-21-14	
Bromochloromethane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Chloroform	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Carbon Tetrachloride	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloropropene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Benzene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloroethane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Trichloroethene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloropropane	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Dibromomethane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Bromodichloromethane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
2-Chloroethyl Vinyl Ether	ND	0.0089	EPA 8260C	8-21-14	8-21-14	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Methyl Isobutyl Ketone	ND	0.0085	EPA 8260C	8-21-14	8-21-14	
Toluene	ND	0.0063	EPA 8260C	8-21-14	8-21-14	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-41-6</b>					
Laboratory ID:	08-170-01					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Tetrachloroethene	0.13	0.0013	EPA 8260C	8-21-14	8-21-14	
1,3-Dichloropropane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
2-Hexanone	ND	0.0086	EPA 8260C	8-21-14	8-21-14	
Dibromochloromethane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromoethane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Chlorobenzene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Ethylbenzene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
m,p-Xylene	ND	0.0025	EPA 8260C	8-21-14	8-21-14	
o-Xylene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Styrene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Bromoform	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Isopropylbenzene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Bromobenzene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
n-Propylbenzene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
2-Chlorotoluene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
4-Chlorotoluene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,3,5-Trimethylbenzene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
tert-Butylbenzene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trimethylbenzene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
sec-Butylbenzene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
p-Isopropyltoluene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
n-Butylbenzene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromo-3-chloropropane	ND	0.0063	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Hexachlorobutadiene	ND	0.0063	EPA 8260C	8-21-14	8-21-14	
Naphthalene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>103</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>87</i>	<i>73-124</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-41-17</b>					
Laboratory ID:	08-170-02					
Dichlorodifluoromethane	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Chloromethane	ND	0.013	EPA 8260C	8-25-14	8-25-14	
Vinyl Chloride	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Bromomethane	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Chloroethane	ND	0.013	EPA 8260C	8-25-14	8-25-14	
Trichlorofluoromethane	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
1,1-Dichloroethene	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Acetone	0.10	0.013	EPA 8260C	8-25-14	8-25-14	Y
Iodomethane	ND	0.013	EPA 8260C	8-25-14	8-25-14	
Carbon Disulfide	0.0039	0.0026	EPA 8260C	8-25-14	8-25-14	
Methylene Chloride	ND	0.013	EPA 8260C	8-25-14	8-25-14	
(trans) 1,2-Dichloroethene	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Methyl t-Butyl Ether	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
1,1-Dichloroethane	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Vinyl Acetate	ND	0.013	EPA 8260C	8-25-14	8-25-14	
2,2-Dichloropropane	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
(cis) 1,2-Dichloroethene	0.0031	0.0026	EPA 8260C	8-25-14	8-25-14	
2-Butanone	0.030	0.013	EPA 8260C	8-25-14	8-25-14	
Bromochloromethane	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Chloroform	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
1,1,1-Trichloroethane	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Carbon Tetrachloride	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
1,1-Dichloropropene	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Benzene	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
1,2-Dichloroethane	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Trichloroethene	0.043	0.0026	EPA 8260C	8-25-14	8-25-14	
1,2-Dichloropropane	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Dibromomethane	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Bromodichloromethane	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
2-Chloroethyl Vinyl Ether	ND	0.013	EPA 8260C	8-25-14	8-25-14	
(cis) 1,3-Dichloropropene	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Methyl Isobutyl Ketone	ND	0.013	EPA 8260C	8-25-14	8-25-14	
Toluene	ND	0.013	EPA 8260C	8-25-14	8-25-14	
(trans) 1,3-Dichloropropene	ND	0.0026	EPA 8260C	8-25-14	8-25-14	



Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-41-17</b>					
Laboratory ID:	08-170-02					
1,1,2-Trichloroethane	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Tetrachloroethene	6.1	0.081	EPA 8260C	8-25-14	8-25-14	
1,3-Dichloropropane	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
2-Hexanone	ND	0.013	EPA 8260C	8-25-14	8-25-14	
Dibromochloromethane	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
1,2-Dibromoethane	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Chlorobenzene	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
1,1,1,2-Tetrachloroethane	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Ethylbenzene	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
m,p-Xylene	ND	0.0052	EPA 8260C	8-25-14	8-25-14	
o-Xylene	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Styrene	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Bromoform	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Isopropylbenzene	ND	0.0026	EPA 8260C	8-25-14	8-25-14	
Bromobenzene	ND	0.081	EPA 8260C	8-25-14	8-25-14	
1,1,2,2-Tetrachloroethane	ND	0.081	EPA 8260C	8-25-14	8-25-14	
1,2,3-Trichloropropane	ND	0.081	EPA 8260C	8-25-14	8-25-14	
n-Propylbenzene	ND	0.081	EPA 8260C	8-25-14	8-25-14	
2-Chlorotoluene	ND	0.081	EPA 8260C	8-25-14	8-25-14	
4-Chlorotoluene	ND	0.081	EPA 8260C	8-25-14	8-25-14	
1,3,5-Trimethylbenzene	ND	0.081	EPA 8260C	8-25-14	8-25-14	
tert-Butylbenzene	ND	0.081	EPA 8260C	8-25-14	8-25-14	
1,2,4-Trimethylbenzene	ND	0.081	EPA 8260C	8-25-14	8-25-14	
sec-Butylbenzene	ND	0.081	EPA 8260C	8-25-14	8-25-14	
1,3-Dichlorobenzene	ND	0.081	EPA 8260C	8-25-14	8-25-14	
p-Isopropyltoluene	ND	0.081	EPA 8260C	8-25-14	8-25-14	
1,4-Dichlorobenzene	ND	0.081	EPA 8260C	8-25-14	8-25-14	
1,2-Dichlorobenzene	ND	0.081	EPA 8260C	8-25-14	8-25-14	
n-Butylbenzene	ND	0.081	EPA 8260C	8-25-14	8-25-14	
1,2-Dibromo-3-chloropropane	ND	0.40	EPA 8260C	8-25-14	8-25-14	
1,2,4-Trichlorobenzene	ND	0.081	EPA 8260C	8-25-14	8-25-14	
Hexachlorobutadiene	ND	0.40	EPA 8260C	8-25-14	8-25-14	
Naphthalene	ND	0.081	EPA 8260C	8-25-14	8-25-14	
1,2,3-Trichlorobenzene	ND	0.081	EPA 8260C	8-25-14	8-25-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>107</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>83</i>	<i>73-124</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B41-27.5</b>					
Laboratory ID:	08-170-03					
Dichlorodifluoromethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Chloromethane	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Vinyl Chloride	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Bromomethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Chloroethane	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Trichlorofluoromethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Acetone	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Iodomethane	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Carbon Disulfide	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Methylene Chloride	ND	0.0073	EPA 8260C	8-21-14	8-21-14	
(trans) 1,2-Dichloroethene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Methyl t-Butyl Ether	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Vinyl Acetate	ND	0.0063	EPA 8260C	8-21-14	8-21-14	
2,2-Dichloropropane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
(cis) 1,2-Dichloroethene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
2-Butanone	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Bromochloromethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Chloroform	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,1,1-Trichloroethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Carbon Tetrachloride	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloropropene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Benzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloroethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Trichloroethene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloropropane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Dibromomethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Bromodichloromethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
2-Chloroethyl Vinyl Ether	ND	0.0069	EPA 8260C	8-21-14	8-21-14	
(cis) 1,3-Dichloropropene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Methyl Isobutyl Ketone	ND	0.0066	EPA 8260C	8-21-14	8-21-14	
Toluene	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
(trans) 1,3-Dichloropropene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B41-27.5</b>					
Laboratory ID:	08-170-03					
1,1,2-Trichloroethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Tetrachloroethene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,3-Dichloropropane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
2-Hexanone	ND	0.0067	EPA 8260C	8-21-14	8-21-14	
Dibromochloromethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromoethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Chlorobenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,1,1,2-Tetrachloroethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Ethylbenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
m,p-Xylene	ND	0.0020	EPA 8260C	8-21-14	8-21-14	
o-Xylene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Styrene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Bromoform	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Isopropylbenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Bromobenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,1,2,2-Tetrachloroethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichloropropane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
n-Propylbenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
2-Chlorotoluene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
4-Chlorotoluene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,3,5-Trimethylbenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
tert-Butylbenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trimethylbenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
sec-Butylbenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,3-Dichlorobenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
p-Isopropyltoluene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,4-Dichlorobenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,2-Dichlorobenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
n-Butylbenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trichlorobenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Naphthalene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichlorobenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>106</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>93</i>	<i>73-124</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-42-5</b>					
Laboratory ID:	08-170-05					
Dichlorodifluoromethane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Chloromethane	ND	0.0068	EPA 8260C	8-21-14	8-21-14	
Vinyl Chloride	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Bromomethane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Chloroethane	ND	0.0068	EPA 8260C	8-21-14	8-21-14	
Trichlorofluoromethane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Acetone	ND	0.0068	EPA 8260C	8-21-14	8-21-14	
Iodomethane	ND	0.0068	EPA 8260C	8-21-14	8-21-14	
Carbon Disulfide	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Methylene Chloride	ND	0.010	EPA 8260C	8-21-14	8-21-14	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Methyl t-Butyl Ether	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Vinyl Acetate	ND	0.0087	EPA 8260C	8-21-14	8-21-14	
2,2-Dichloropropane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
2-Butanone	ND	0.0068	EPA 8260C	8-21-14	8-21-14	
Bromochloromethane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Chloroform	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Carbon Tetrachloride	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloropropene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Benzene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloroethane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Trichloroethene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloropropane	ND	0.0018	EPA 8260C	8-21-14	8-21-14	
Dibromomethane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Bromodichloromethane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
2-Chloroethyl Vinyl Ether	ND	0.0095	EPA 8260C	8-21-14	8-21-14	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Methyl Isobutyl Ketone	ND	0.0091	EPA 8260C	8-21-14	8-21-14	
Toluene	ND	0.0068	EPA 8260C	8-21-14	8-21-14	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-42-5</b>					
Laboratory ID:	08-170-05					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Tetrachloroethene	0.022	0.0014	EPA 8260C	8-21-14	8-21-14	
1,3-Dichloropropane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
2-Hexanone	ND	0.0092	EPA 8260C	8-21-14	8-21-14	
Dibromochloromethane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromoethane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Chlorobenzene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Ethylbenzene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
m,p-Xylene	ND	0.0027	EPA 8260C	8-21-14	8-21-14	
o-Xylene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Styrene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Bromoform	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Isopropylbenzene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Bromobenzene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
n-Propylbenzene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
2-Chlorotoluene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
4-Chlorotoluene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,3,5-Trimethylbenzene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
tert-Butylbenzene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trimethylbenzene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
sec-Butylbenzene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,3-Dichlorobenzene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
p-Isopropyltoluene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,4-Dichlorobenzene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,2-Dichlorobenzene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
n-Butylbenzene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromo-3-chloropropane	ND	0.0068	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trichlorobenzene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Hexachlorobutadiene	ND	0.0068	EPA 8260C	8-21-14	8-21-14	
Naphthalene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichlorobenzene	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>106</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>90</i>	<i>73-124</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-42-16.5</b>					
Laboratory ID:	08-170-06					
Dichlorodifluoromethane	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Chloromethane	ND	0.014	EPA 8260C	8-21-14	8-21-14	
Vinyl Chloride	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Bromomethane	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Chloroethane	ND	0.014	EPA 8260C	8-21-14	8-21-14	
Trichlorofluoromethane	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethene	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Acetone	ND	0.014	EPA 8260C	8-21-14	8-21-14	
Iodomethane	ND	0.014	EPA 8260C	8-21-14	8-21-14	
Carbon Disulfide	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Methylene Chloride	ND	0.021	EPA 8260C	8-21-14	8-21-14	
(trans) 1,2-Dichloroethene	0.0029	0.0028	EPA 8260C	8-21-14	8-21-14	
Methyl t-Butyl Ether	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethane	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Vinyl Acetate	ND	0.018	EPA 8260C	8-21-14	8-21-14	
2,2-Dichloropropane	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
(cis) 1,2-Dichloroethene	0.0084	0.0028	EPA 8260C	8-21-14	8-21-14	
2-Butanone	ND	0.014	EPA 8260C	8-21-14	8-21-14	
Bromochloromethane	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Chloroform	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
1,1,1-Trichloroethane	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Carbon Tetrachloride	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloropropene	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Benzene	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloroethane	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Trichloroethene	0.37	0.078	EPA 8260C	8-25-14	8-25-14	
1,2-Dichloropropane	ND	0.0037	EPA 8260C	8-21-14	8-21-14	
Dibromomethane	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Bromodichloromethane	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
2-Chloroethyl Vinyl Ether	ND	0.020	EPA 8260C	8-21-14	8-21-14	
(cis) 1,3-Dichloropropene	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Methyl Isobutyl Ketone	ND	0.019	EPA 8260C	8-21-14	8-21-14	
Toluene	ND	0.014	EPA 8260C	8-21-14	8-21-14	
(trans) 1,3-Dichloropropene	ND	0.0028	EPA 8260C	8-21-14	8-21-14	

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-42-16.5</b>					
Laboratory ID:	08-170-06					
1,1,2-Trichloroethane	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Tetrachloroethene	39	0.31	EPA 8260C	8-25-14	8-25-14	
1,3-Dichloropropane	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
2-Hexanone	ND	0.019	EPA 8260C	8-21-14	8-21-14	
Dibromochloromethane	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromoethane	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Chlorobenzene	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
1,1,1,2-Tetrachloroethane	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Ethylbenzene	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
m,p-Xylene	ND	0.0057	EPA 8260C	8-21-14	8-21-14	
o-Xylene	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Styrene	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Bromoform	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Isopropylbenzene	ND	0.0028	EPA 8260C	8-21-14	8-21-14	
Bromobenzene	ND	0.078	EPA 8260C	8-25-14	8-25-14	
1,1,2,2-Tetrachloroethane	ND	0.078	EPA 8260C	8-25-14	8-25-14	
1,2,3-Trichloropropane	ND	0.078	EPA 8260C	8-25-14	8-25-14	
n-Propylbenzene	ND	0.078	EPA 8260C	8-25-14	8-25-14	
2-Chlorotoluene	ND	0.078	EPA 8260C	8-25-14	8-25-14	
4-Chlorotoluene	ND	0.078	EPA 8260C	8-25-14	8-25-14	
1,3,5-Trimethylbenzene	ND	0.078	EPA 8260C	8-25-14	8-25-14	
tert-Butylbenzene	ND	0.078	EPA 8260C	8-25-14	8-25-14	
1,2,4-Trimethylbenzene	ND	0.078	EPA 8260C	8-25-14	8-25-14	
sec-Butylbenzene	ND	0.078	EPA 8260C	8-25-14	8-25-14	
1,3-Dichlorobenzene	ND	0.078	EPA 8260C	8-25-14	8-25-14	
p-Isopropyltoluene	ND	0.078	EPA 8260C	8-25-14	8-25-14	
1,4-Dichlorobenzene	ND	0.078	EPA 8260C	8-25-14	8-25-14	
1,2-Dichlorobenzene	ND	0.078	EPA 8260C	8-25-14	8-25-14	
n-Butylbenzene	ND	0.078	EPA 8260C	8-25-14	8-25-14	
1,2-Dibromo-3-chloropropane	ND	0.39	EPA 8260C	8-25-14	8-25-14	
1,2,4-Trichlorobenzene	ND	0.078	EPA 8260C	8-25-14	8-25-14	
Hexachlorobutadiene	ND	0.39	EPA 8260C	8-25-14	8-25-14	
Naphthalene	ND	0.078	EPA 8260C	8-25-14	8-25-14	
1,2,3-Trichlorobenzene	ND	0.078	EPA 8260C	8-25-14	8-25-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>109</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>73-124</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-42-26</b>					
Laboratory ID:	08-170-07					
Dichlorodifluoromethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Chloromethane	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Vinyl Chloride	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Bromomethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Chloroethane	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Trichlorofluoromethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Acetone	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Iodomethane	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Carbon Disulfide	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Methylene Chloride	ND	0.0073	EPA 8260C	8-21-14	8-21-14	
(trans) 1,2-Dichloroethene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Methyl t-Butyl Ether	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Vinyl Acetate	ND	0.0063	EPA 8260C	8-21-14	8-21-14	
2,2-Dichloropropane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
(cis) 1,2-Dichloroethene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
2-Butanone	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Bromochloromethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Chloroform	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,1,1-Trichloroethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Carbon Tetrachloride	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloropropene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Benzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloroethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Trichloroethene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloropropane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Dibromomethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Bromodichloromethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
2-Chloroethyl Vinyl Ether	ND	0.0069	EPA 8260C	8-21-14	8-21-14	
(cis) 1,3-Dichloropropene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Methyl Isobutyl Ketone	ND	0.0066	EPA 8260C	8-21-14	8-21-14	
Toluene	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
(trans) 1,3-Dichloropropene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	



Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-42-26</b>					
Laboratory ID:	08-170-07					
1,1,2-Trichloroethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Tetrachloroethene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,3-Dichloropropane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
2-Hexanone	ND	0.0067	EPA 8260C	8-21-14	8-21-14	
Dibromochloromethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromoethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Chlorobenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,1,1,2-Tetrachloroethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Ethylbenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
m,p-Xylene	ND	0.0020	EPA 8260C	8-21-14	8-21-14	
o-Xylene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Styrene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Bromoform	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Isopropylbenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Bromobenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,1,2,2-Tetrachloroethane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichloropropane	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
n-Propylbenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
2-Chlorotoluene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
4-Chlorotoluene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,3,5-Trimethylbenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
tert-Butylbenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trimethylbenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
sec-Butylbenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,3-Dichlorobenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
p-Isopropyltoluene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,4-Dichlorobenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,2-Dichlorobenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
n-Butylbenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trichlorobenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Naphthalene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichlorobenzene	ND	0.00099	EPA 8260C	8-21-14	8-21-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>105</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>93</i>	<i>73-124</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-43-5</b>					
Laboratory ID:	08-170-09					
Dichlorodifluoromethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Chloromethane	ND	0.0059	EPA 8260C	8-21-14	8-21-14	
Vinyl Chloride	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Bromomethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Chloroethane	ND	0.0059	EPA 8260C	8-21-14	8-21-14	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Acetone	0.064	0.0059	EPA 8260C	8-21-14	8-21-14	
Iodomethane	ND	0.0059	EPA 8260C	8-21-14	8-21-14	
Carbon Disulfide	0.0067	0.0012	EPA 8260C	8-21-14	8-21-14	
Methylene Chloride	ND	0.0088	EPA 8260C	8-21-14	8-21-14	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Vinyl Acetate	ND	0.0076	EPA 8260C	8-21-14	8-21-14	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
2-Butanone	0.014	0.0059	EPA 8260C	8-21-14	8-21-14	
Bromochloromethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Chloroform	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Benzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Trichloroethene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloropropane	ND	0.0015	EPA 8260C	8-21-14	8-21-14	
Dibromomethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Bromodichloromethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
2-Chloroethyl Vinyl Ether	ND	0.0083	EPA 8260C	8-21-14	8-21-14	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Methyl Isobutyl Ketone	ND	0.0080	EPA 8260C	8-21-14	8-21-14	
Toluene	ND	0.0059	EPA 8260C	8-21-14	8-21-14	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-43-5</b>					
Laboratory ID:	08-170-09					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Tetrachloroethene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
2-Hexanone	ND	0.0081	EPA 8260C	8-21-14	8-21-14	
Dibromochloromethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Chlorobenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Ethylbenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
m,p-Xylene	ND	0.0024	EPA 8260C	8-21-14	8-21-14	
o-Xylene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Styrene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Bromoform	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Isopropylbenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Bromobenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
n-Propylbenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
2-Chlorotoluene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
4-Chlorotoluene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
tert-Butylbenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
sec-Butylbenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
n-Butylbenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Hexachlorobutadiene	ND	0.0059	EPA 8260C	8-21-14	8-21-14	
Naphthalene	0.0027	0.0012	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>107</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>89</i>	<i>73-124</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-43-17</b>					
Laboratory ID:	08-170-10					
Dichlorodifluoromethane	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Chloromethane	ND	0.0085	EPA 8260C	8-21-14	8-21-14	
Vinyl Chloride	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Bromomethane	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Chloroethane	ND	0.0085	EPA 8260C	8-21-14	8-21-14	
Trichlorofluoromethane	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethene	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Acetone	ND	0.0085	EPA 8260C	8-21-14	8-21-14	
Iodomethane	ND	0.0085	EPA 8260C	8-21-14	8-21-14	
Carbon Disulfide	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Methylene Chloride	ND	0.013	EPA 8260C	8-21-14	8-21-14	
(trans) 1,2-Dichloroethene	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Methyl t-Butyl Ether	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethane	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Vinyl Acetate	ND	0.011	EPA 8260C	8-21-14	8-21-14	
2,2-Dichloropropane	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
(cis) 1,2-Dichloroethene	0.0022	0.0017	EPA 8260C	8-21-14	8-21-14	
2-Butanone	ND	0.0085	EPA 8260C	8-21-14	8-21-14	
Bromochloromethane	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Chloroform	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
1,1,1-Trichloroethane	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Carbon Tetrachloride	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloropropene	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Benzene	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloroethane	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Trichloroethene	0.033	0.0017	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloropropane	ND	0.0022	EPA 8260C	8-21-14	8-21-14	
Dibromomethane	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Bromodichloromethane	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
2-Chloroethyl Vinyl Ether	ND	0.012	EPA 8260C	8-21-14	8-21-14	
(cis) 1,3-Dichloropropene	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Methyl Isobutyl Ketone	ND	0.011	EPA 8260C	8-21-14	8-21-14	
Toluene	ND	0.0085	EPA 8260C	8-21-14	8-21-14	
(trans) 1,3-Dichloropropene	ND	0.0017	EPA 8260C	8-21-14	8-21-14	

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-43-17</b>					
Laboratory ID:	08-170-10					
1,1,2-Trichloroethane	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Tetrachloroethene	4.9	0.077	EPA 8260C	8-25-14	8-25-14	
1,3-Dichloropropane	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
2-Hexanone	ND	0.012	EPA 8260C	8-21-14	8-21-14	
Dibromochloromethane	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromoethane	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Chlorobenzene	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
1,1,1,2-Tetrachloroethane	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Ethylbenzene	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
m,p-Xylene	ND	0.0034	EPA 8260C	8-21-14	8-21-14	
o-Xylene	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Styrene	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Bromoform	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Isopropylbenzene	ND	0.0017	EPA 8260C	8-21-14	8-21-14	
Bromobenzene	ND	0.077	EPA 8260C	8-25-14	8-25-14	
1,1,2,2-Tetrachloroethane	ND	0.077	EPA 8260C	8-25-14	8-25-14	
1,2,3-Trichloropropane	ND	0.077	EPA 8260C	8-25-14	8-25-14	
n-Propylbenzene	ND	0.077	EPA 8260C	8-25-14	8-25-14	
2-Chlorotoluene	ND	0.077	EPA 8260C	8-25-14	8-25-14	
4-Chlorotoluene	ND	0.077	EPA 8260C	8-25-14	8-25-14	
1,3,5-Trimethylbenzene	ND	0.077	EPA 8260C	8-25-14	8-25-14	
tert-Butylbenzene	ND	0.077	EPA 8260C	8-25-14	8-25-14	
1,2,4-Trimethylbenzene	ND	0.077	EPA 8260C	8-25-14	8-25-14	
sec-Butylbenzene	ND	0.077	EPA 8260C	8-25-14	8-25-14	
1,3-Dichlorobenzene	ND	0.077	EPA 8260C	8-25-14	8-25-14	
p-Isopropyltoluene	ND	0.077	EPA 8260C	8-25-14	8-25-14	
1,4-Dichlorobenzene	ND	0.077	EPA 8260C	8-25-14	8-25-14	
1,2-Dichlorobenzene	ND	0.077	EPA 8260C	8-25-14	8-25-14	
n-Butylbenzene	ND	0.077	EPA 8260C	8-25-14	8-25-14	
1,2-Dibromo-3-chloropropane	ND	0.39	EPA 8260C	8-25-14	8-25-14	
1,2,4-Trichlorobenzene	ND	0.077	EPA 8260C	8-25-14	8-25-14	
Hexachlorobutadiene	ND	0.39	EPA 8260C	8-25-14	8-25-14	
Naphthalene	ND	0.077	EPA 8260C	8-25-14	8-25-14	
1,2,3-Trichlorobenzene	ND	0.077	EPA 8260C	8-25-14	8-25-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>112</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>79</i>	<i>73-124</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-43-26</b>					
Laboratory ID:	08-170-11					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Chloromethane	ND	0.0057	EPA 8260C	8-21-14	8-21-14	
Vinyl Chloride	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Bromomethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Chloroethane	ND	0.0057	EPA 8260C	8-21-14	8-21-14	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Acetone	ND	0.0057	EPA 8260C	8-21-14	8-21-14	
Iodomethane	ND	0.0057	EPA 8260C	8-21-14	8-21-14	
Carbon Disulfide	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Methylene Chloride	ND	0.0084	EPA 8260C	8-21-14	8-21-14	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Vinyl Acetate	ND	0.0072	EPA 8260C	8-21-14	8-21-14	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
2-Butanone	ND	0.0057	EPA 8260C	8-21-14	8-21-14	
Bromochloromethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Chloroform	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Benzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Trichloroethene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloropropane	ND	0.0015	EPA 8260C	8-21-14	8-21-14	
Dibromomethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Bromodichloromethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
2-Chloroethyl Vinyl Ether	ND	0.0079	EPA 8260C	8-21-14	8-21-14	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Methyl Isobutyl Ketone	ND	0.0076	EPA 8260C	8-21-14	8-21-14	
Toluene	ND	0.0057	EPA 8260C	8-21-14	8-21-14	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-43-26</b>					
Laboratory ID:	08-170-11					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Tetrachloroethene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
2-Hexanone	ND	0.0077	EPA 8260C	8-21-14	8-21-14	
Dibromochloromethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Chlorobenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Ethylbenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
m,p-Xylene	ND	0.0023	EPA 8260C	8-21-14	8-21-14	
o-Xylene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Styrene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Bromoform	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Isopropylbenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Bromobenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
n-Propylbenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
2-Chlorotoluene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
4-Chlorotoluene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
tert-Butylbenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
sec-Butylbenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
n-Butylbenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromo-3-chloropropane	ND	0.0057	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Hexachlorobutadiene	ND	0.0057	EPA 8260C	8-21-14	8-21-14	
Naphthalene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>104</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>92</i>	<i>73-124</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-44-7</b>					
Laboratory ID:	08-170-13					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Chloromethane	ND	0.0055	EPA 8260C	8-21-14	8-21-14	
Vinyl Chloride	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Bromomethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Chloroethane	ND	0.0055	EPA 8260C	8-21-14	8-21-14	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Acetone	ND	0.0055	EPA 8260C	8-21-14	8-21-14	
Iodomethane	ND	0.0055	EPA 8260C	8-21-14	8-21-14	
Carbon Disulfide	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Methylene Chloride	ND	0.0082	EPA 8260C	8-21-14	8-21-14	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Vinyl Acetate	ND	0.0071	EPA 8260C	8-21-14	8-21-14	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
2-Butanone	ND	0.0055	EPA 8260C	8-21-14	8-21-14	
Bromochloromethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Chloroform	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Benzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Trichloroethene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloropropane	ND	0.0014	EPA 8260C	8-21-14	8-21-14	
Dibromomethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Bromodichloromethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
2-Chloroethyl Vinyl Ether	ND	0.0078	EPA 8260C	8-21-14	8-21-14	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Methyl Isobutyl Ketone	ND	0.0074	EPA 8260C	8-21-14	8-21-14	
Toluene	ND	0.0055	EPA 8260C	8-21-14	8-21-14	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	



Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-44-7</b>					
Laboratory ID:	08-170-13					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Tetrachloroethene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
2-Hexanone	ND	0.0075	EPA 8260C	8-21-14	8-21-14	
Dibromochloromethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Chlorobenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Ethylbenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
m,p-Xylene	ND	0.0022	EPA 8260C	8-21-14	8-21-14	
o-Xylene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Styrene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Bromoform	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Isopropylbenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Bromobenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
n-Propylbenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
2-Chlorotoluene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
4-Chlorotoluene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
tert-Butylbenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
sec-Butylbenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
n-Butylbenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromo-3-chloropropane	ND	0.0055	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
Hexachlorobutadiene	ND	0.0055	EPA 8260C	8-21-14	8-21-14	
Naphthalene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	8-21-14	8-21-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>105</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>92</i>	<i>73-124</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-44-17.5</b>					
Laboratory ID:	08-170-14					
Dichlorodifluoromethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Chloromethane	ND	0.0060	EPA 8260C	8-21-14	8-21-14	
Vinyl Chloride	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Bromomethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Chloroethane	ND	0.0060	EPA 8260C	8-21-14	8-21-14	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Acetone	0.050	0.0060	EPA 8260C	8-21-14	8-21-14	
Iodomethane	ND	0.0060	EPA 8260C	8-21-14	8-21-14	
Carbon Disulfide	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Methylene Chloride	ND	0.0088	EPA 8260C	8-21-14	8-21-14	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Vinyl Acetate	ND	0.0077	EPA 8260C	8-21-14	8-21-14	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
2-Butanone	0.013	0.0060	EPA 8260C	8-21-14	8-21-14	
Bromochloromethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Chloroform	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Benzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Trichloroethene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloropropane	ND	0.0016	EPA 8260C	8-21-14	8-21-14	
Dibromomethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Bromodichloromethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
2-Chloroethyl Vinyl Ether	ND	0.0084	EPA 8260C	8-21-14	8-21-14	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Methyl Isobutyl Ketone	ND	0.0080	EPA 8260C	8-21-14	8-21-14	
Toluene	ND	0.0060	EPA 8260C	8-21-14	8-21-14	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-44-17.5</b>					
Laboratory ID:	08-170-14					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Tetrachloroethene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
2-Hexanone	ND	0.0081	EPA 8260C	8-21-14	8-21-14	
Dibromochloromethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Chlorobenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Ethylbenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
m,p-Xylene	ND	0.0024	EPA 8260C	8-21-14	8-21-14	
o-Xylene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Styrene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Bromoform	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Isopropylbenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Bromobenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
n-Propylbenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
2-Chlorotoluene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
4-Chlorotoluene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
tert-Butylbenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
sec-Butylbenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
n-Butylbenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromo-3-chloropropane	ND	0.0060	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
Hexachlorobutadiene	ND	0.0060	EPA 8260C	8-21-14	8-21-14	
Naphthalene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	8-21-14	8-21-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>104</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>90</i>	<i>73-124</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-44-26.5</b>					
Laboratory ID:	08-170-15					
Dichlorodifluoromethane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Chloromethane	ND	0.0070	EPA 8260C	8-25-14	8-25-14	
Vinyl Chloride	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Bromomethane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Chloroethane	ND	0.0070	EPA 8260C	8-25-14	8-25-14	
Trichlorofluoromethane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,1-Dichloroethene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Acetone	ND	0.0070	EPA 8260C	8-25-14	8-25-14	
Iodomethane	ND	0.0070	EPA 8260C	8-25-14	8-25-14	
Carbon Disulfide	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Methylene Chloride	ND	0.0070	EPA 8260C	8-25-14	8-25-14	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Methyl t-Butyl Ether	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,1-Dichloroethane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Vinyl Acetate	ND	0.0070	EPA 8260C	8-25-14	8-25-14	
2,2-Dichloropropane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
2-Butanone	ND	0.0070	EPA 8260C	8-25-14	8-25-14	
Bromochloromethane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Chloroform	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Carbon Tetrachloride	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,1-Dichloropropene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Benzene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,2-Dichloroethane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Trichloroethene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,2-Dichloropropane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Dibromomethane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Bromodichloromethane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
2-Chloroethyl Vinyl Ether	ND	0.0070	EPA 8260C	8-25-14	8-25-14	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Methyl Isobutyl Ketone	ND	0.0070	EPA 8260C	8-25-14	8-25-14	
Toluene	ND	0.0070	EPA 8260C	8-25-14	8-25-14	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	

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 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-44-26.5</b>					
Laboratory ID:	08-170-15					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Tetrachloroethene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,3-Dichloropropane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
2-Hexanone	ND	0.0070	EPA 8260C	8-25-14	8-25-14	
Dibromochloromethane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,2-Dibromoethane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Chlorobenzene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Ethylbenzene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
m,p-Xylene	ND	0.0028	EPA 8260C	8-25-14	8-25-14	
o-Xylene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Styrene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Bromoform	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Isopropylbenzene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Bromobenzene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
n-Propylbenzene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
2-Chlorotoluene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
4-Chlorotoluene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,3,5-Trimethylbenzene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
tert-Butylbenzene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,2,4-Trimethylbenzene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
sec-Butylbenzene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,3-Dichlorobenzene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
p-Isopropyltoluene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,4-Dichlorobenzene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,2-Dichlorobenzene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
n-Butylbenzene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,2-Dibromo-3-chloropropane	ND	0.0070	EPA 8260C	8-25-14	8-25-14	
1,2,4-Trichlorobenzene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
Hexachlorobutadiene	ND	0.0070	EPA 8260C	8-25-14	8-25-14	
Naphthalene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
1,2,3-Trichlorobenzene	ND	0.0014	EPA 8260C	8-25-14	8-25-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>102</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>105</i>	<i>73-124</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0821S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Chloromethane	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Bromomethane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Chloroethane	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Acetone	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Iodomethane	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Methylene Chloride	ND	0.0074	EPA 8260C	8-21-14	8-21-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Vinyl Acetate	ND	0.0064	EPA 8260C	8-21-14	8-21-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
2-Butanone	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Bromochloromethane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Chloroform	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Benzene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Trichloroethene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloropropane	ND	0.0013	EPA 8260C	8-21-14	8-21-14	
Dibromomethane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
2-Chloroethyl Vinyl Ether	ND	0.0070	EPA 8260C	8-21-14	8-21-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Methyl Isobutyl Ketone	ND	0.0067	EPA 8260C	8-21-14	8-21-14	
Toluene	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0821S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Tetrachloroethene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
2-Hexanone	ND	0.0068	EPA 8260C	8-21-14	8-21-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Chlorobenzene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Ethylbenzene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
m,p-Xylene	ND	0.0020	EPA 8260C	8-21-14	8-21-14	
o-Xylene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Styrene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Bromoform	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Bromobenzene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	8-21-14	8-21-14	
Naphthalene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	8-21-14	8-21-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>110</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>107</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>73-124</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0825S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Chloromethane	ND	0.0050	EPA 8260C	8-25-14	8-25-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Bromomethane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Chloroethane	ND	0.0050	EPA 8260C	8-25-14	8-25-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Acetone	ND	0.0050	EPA 8260C	8-25-14	8-25-14	
Iodomethane	ND	0.0050	EPA 8260C	8-25-14	8-25-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Methylene Chloride	ND	0.0050	EPA 8260C	8-25-14	8-25-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Vinyl Acetate	ND	0.0050	EPA 8260C	8-25-14	8-25-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
2-Butanone	ND	0.0050	EPA 8260C	8-25-14	8-25-14	
Bromochloromethane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Chloroform	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Benzene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Trichloroethene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Dibromomethane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	8-25-14	8-25-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	8-25-14	8-25-14	
Toluene	ND	0.0050	EPA 8260C	8-25-14	8-25-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	



Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0825S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Tetrachloroethene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
2-Hexanone	ND	0.0050	EPA 8260C	8-25-14	8-25-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Chlorobenzene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Ethylbenzene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
m,p-Xylene	ND	0.0020	EPA 8260C	8-25-14	8-25-14	
o-Xylene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Styrene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Bromoform	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Bromobenzene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	8-25-14	8-25-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	8-25-14	8-25-14	
Naphthalene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	8-25-14	8-25-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>108</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>107</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>109</i>	<i>73-124</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0821S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0393</b>	<b>0.0401</b>	0.0500	0.0500	79	80	56-141	2	15	
Benzene	<b>0.0422</b>	<b>0.0432</b>	0.0500	0.0500	84	86	70-121	2	15	
Trichloroethene	<b>0.0480</b>	<b>0.0503</b>	0.0500	0.0500	96	101	74-118	5	15	
Toluene	<b>0.0443</b>	<b>0.0459</b>	0.0500	0.0500	89	92	75-120	4	15	
Chlorobenzene	<b>0.0439</b>	<b>0.0444</b>	0.0500	0.0500	88	89	75-120	1	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					106	102	65-129			
<i>Toluene-d8</i>					99	101	77-122			
<i>4-Bromofluorobenzene</i>					92	91	73-124			

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0825S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0436</b>	<b>0.0424</b>	0.0500	0.0500	87	85	56-141	3	15	
Benzene	<b>0.0483</b>	<b>0.0470</b>	0.0500	0.0500	97	94	70-121	3	15	
Trichloroethene	<b>0.0474</b>	<b>0.0470</b>	0.0500	0.0500	95	94	74-118	1	15	
Toluene	<b>0.0469</b>	<b>0.0463</b>	0.0500	0.0500	94	93	75-120	1	15	
Chlorobenzene	<b>0.0457</b>	<b>0.0453</b>	0.0500	0.0500	91	91	75-120	1	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					<i>100</i>	<i>100</i>	<i>65-129</i>			
<i>Toluene-d8</i>					<i>98</i>	<i>101</i>	<i>77-122</i>			
<i>4-Bromofluorobenzene</i>					<i>98</i>	<i>99</i>	<i>73-124</i>			

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-41-081914</b>					
Laboratory ID:	08-170-04					
Dichlorodifluoromethane	ND	0.31	EPA 8260C	8-21-14	8-21-14	
Chloromethane	ND	1.4	EPA 8260C	8-21-14	8-21-14	
Vinyl Chloride	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromomethane	ND	0.29	EPA 8260C	8-21-14	8-21-14	
Chloroethane	ND	1.0	EPA 8260C	8-21-14	8-21-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Acetone	ND	9.9	EPA 8260C	8-21-14	8-21-14	
Iodomethane	ND	1.4	EPA 8260C	8-21-14	8-21-14	
Carbon Disulfide	0.22	0.20	EPA 8260C	8-21-14	8-21-14	
Methylene Chloride	ND	1.0	EPA 8260C	8-21-14	8-21-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Vinyl Acetate	ND	1.0	EPA 8260C	8-21-14	8-21-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Butanone	ND	5.0	EPA 8260C	8-21-14	8-21-14	
Bromochloromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Chloroform	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Benzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Trichloroethene	0.26	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Dibromomethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromodichloromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	8-21-14	8-21-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	8-21-14	8-21-14	
Toluene	ND	1.0	EPA 8260C	8-21-14	8-21-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	8-21-14	8-21-14	

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-41-081914</b>					
<b>Laboratory ID:</b>	<b>08-170-04</b>					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Tetrachloroethene	4.5	0.20	EPA 8260C	8-21-14	8-21-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Hexanone	ND	2.0	EPA 8260C	8-21-14	8-21-14	
Dibromochloromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Chlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Ethylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
m,p-Xylene	ND	0.40	EPA 8260C	8-21-14	8-21-14	
o-Xylene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Styrene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromoform	ND	1.0	EPA 8260C	8-21-14	8-21-14	
Isopropylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
n-Propylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
n-Butylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Naphthalene	ND	1.0	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>114</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>71-120</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-42-081914</b>					
Laboratory ID:	08-170-08					
Dichlorodifluoromethane	ND	0.31	EPA 8260C	8-21-14	8-21-14	
Chloromethane	ND	1.4	EPA 8260C	8-21-14	8-21-14	
Vinyl Chloride	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromomethane	ND	0.29	EPA 8260C	8-21-14	8-21-14	
Chloroethane	ND	1.0	EPA 8260C	8-21-14	8-21-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Acetone	ND	9.9	EPA 8260C	8-21-14	8-21-14	
Iodomethane	ND	1.4	EPA 8260C	8-21-14	8-21-14	
Carbon Disulfide	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Methylene Chloride	ND	1.0	EPA 8260C	8-21-14	8-21-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Vinyl Acetate	ND	1.0	EPA 8260C	8-21-14	8-21-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Butanone	ND	5.0	EPA 8260C	8-21-14	8-21-14	
Bromochloromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Chloroform	0.25	0.20	EPA 8260C	8-21-14	8-21-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Benzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Trichloroethene	0.39	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Dibromomethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromodichloromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	8-21-14	8-21-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	8-21-14	8-21-14	
Toluene	ND	1.0	EPA 8260C	8-21-14	8-21-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	8-21-14	8-21-14	

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-42-081914</b>					
Laboratory ID:	08-170-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Tetrachloroethene	29	0.20	EPA 8260C	8-21-14	8-21-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Hexanone	ND	2.0	EPA 8260C	8-21-14	8-21-14	
Dibromochloromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Chlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Ethylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
m,p-Xylene	ND	0.40	EPA 8260C	8-21-14	8-21-14	
o-Xylene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Styrene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromoform	ND	1.0	EPA 8260C	8-21-14	8-21-14	
Isopropylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
n-Propylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
n-Butylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Naphthalene	ND	1.0	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>109</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>96</i>	<i>71-120</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-43-081914</b>					
Laboratory ID:	08-170-12					
Dichlorodifluoromethane	ND	0.31	EPA 8260C	8-21-14	8-21-14	
Chloromethane	ND	1.4	EPA 8260C	8-21-14	8-21-14	
Vinyl Chloride	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromomethane	ND	0.29	EPA 8260C	8-21-14	8-21-14	
Chloroethane	ND	1.0	EPA 8260C	8-21-14	8-21-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Acetone	ND	9.9	EPA 8260C	8-21-14	8-21-14	
Iodomethane	ND	1.4	EPA 8260C	8-21-14	8-21-14	
Carbon Disulfide	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Methylene Chloride	ND	1.0	EPA 8260C	8-21-14	8-21-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Vinyl Acetate	ND	1.0	EPA 8260C	8-21-14	8-21-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
(cis) 1,2-Dichloroethene	0.20	0.20	EPA 8260C	8-21-14	8-21-14	
2-Butanone	ND	5.0	EPA 8260C	8-21-14	8-21-14	
Bromochloromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Chloroform	2.8	0.20	EPA 8260C	8-21-14	8-21-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Benzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Trichloroethene	0.21	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Dibromomethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromodichloromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	8-21-14	8-21-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	8-21-14	8-21-14	
Toluene	ND	1.0	EPA 8260C	8-21-14	8-21-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	8-21-14	8-21-14	



Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-43-081914</b>					
Laboratory ID:	08-170-12					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Tetrachloroethene	5.5	0.20	EPA 8260C	8-21-14	8-21-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Hexanone	ND	2.0	EPA 8260C	8-21-14	8-21-14	
Dibromochloromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Chlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Ethylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
m,p-Xylene	ND	0.40	EPA 8260C	8-21-14	8-21-14	
o-Xylene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Styrene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromoform	ND	1.0	EPA 8260C	8-21-14	8-21-14	
Isopropylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
n-Propylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
n-Butylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Naphthalene	ND	1.0	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>110</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>71-120</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-44-081914</b>					
Laboratory ID:	08-170-16					
Dichlorodifluoromethane	ND	0.31	EPA 8260C	8-21-14	8-21-14	
Chloromethane	ND	1.4	EPA 8260C	8-21-14	8-21-14	
Vinyl Chloride	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromomethane	ND	0.29	EPA 8260C	8-21-14	8-21-14	
Chloroethane	ND	1.0	EPA 8260C	8-21-14	8-21-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Acetone	ND	9.9	EPA 8260C	8-21-14	8-21-14	
Iodomethane	ND	1.4	EPA 8260C	8-21-14	8-21-14	
Carbon Disulfide	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Methylene Chloride	ND	1.0	EPA 8260C	8-21-14	8-21-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Vinyl Acetate	ND	1.0	EPA 8260C	8-21-14	8-21-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Butanone	ND	5.0	EPA 8260C	8-21-14	8-21-14	
Bromochloromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Chloroform	11	0.20	EPA 8260C	8-21-14	8-21-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Benzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Trichloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Dibromomethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromodichloromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	8-21-14	8-21-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	8-21-14	8-21-14	
Toluene	ND	1.0	EPA 8260C	8-21-14	8-21-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	8-21-14	8-21-14	

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-44-081914</b>					
Laboratory ID:	08-170-16					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Tetrachloroethene	0.82	0.20	EPA 8260C	8-21-14	8-21-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Hexanone	ND	2.0	EPA 8260C	8-21-14	8-21-14	
Dibromochloromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Chlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Ethylbenzene	0.42	0.20	EPA 8260C	8-21-14	8-21-14	
m,p-Xylene	1.8	0.40	EPA 8260C	8-21-14	8-21-14	
o-Xylene	0.88	0.20	EPA 8260C	8-21-14	8-21-14	
Styrene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromoform	ND	1.0	EPA 8260C	8-21-14	8-21-14	
Isopropylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
n-Propylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,3,5-Trimethylbenzene	0.27	0.20	EPA 8260C	8-21-14	8-21-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trimethylbenzene	0.96	0.20	EPA 8260C	8-21-14	8-21-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
n-Butylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Naphthalene	ND	1.0	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>111</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>71-120</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0821W1					
Dichlorodifluoromethane	ND	0.31	EPA 8260C	8-21-14	8-21-14	
Chloromethane	ND	1.4	EPA 8260C	8-21-14	8-21-14	
Vinyl Chloride	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromomethane	ND	0.29	EPA 8260C	8-21-14	8-21-14	
Chloroethane	ND	1.0	EPA 8260C	8-21-14	8-21-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Acetone	ND	9.9	EPA 8260C	8-21-14	8-21-14	
Iodomethane	ND	1.4	EPA 8260C	8-21-14	8-21-14	
Carbon Disulfide	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Methylene Chloride	ND	1.0	EPA 8260C	8-21-14	8-21-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Vinyl Acetate	ND	1.0	EPA 8260C	8-21-14	8-21-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Butanone	ND	5.0	EPA 8260C	8-21-14	8-21-14	
Bromochloromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Chloroform	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Benzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Trichloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Dibromomethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromodichloromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	8-21-14	8-21-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	8-21-14	8-21-14	
Toluene	ND	1.0	EPA 8260C	8-21-14	8-21-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	8-21-14	8-21-14	

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0821W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Tetrachloroethene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Hexanone	ND	2.0	EPA 8260C	8-21-14	8-21-14	
Dibromochloromethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Chlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Ethylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
m,p-Xylene	ND	0.40	EPA 8260C	8-21-14	8-21-14	
o-Xylene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Styrene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromoform	ND	1.0	EPA 8260C	8-21-14	8-21-14	
Isopropylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Bromobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	8-21-14	8-21-14	
n-Propylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
n-Butylbenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	8-21-14	8-21-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
Naphthalene	ND	1.0	EPA 8260C	8-21-14	8-21-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	8-21-14	8-21-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>107</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>71-120</i>				

Date of Report: August 26, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0821W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	9.14	9.48	10.0	10.0	91	95	63-142	4	17	
Benzene	9.88	10.6	10.0	10.0	99	106	78-125	7	15	
Trichloroethene	8.32	8.36	10.0	10.0	83	84	74-125	0	15	
Toluene	9.75	10.1	10.0	10.0	98	101	80-125	4	15	
Chlorobenzene	9.66	9.61	10.0	10.0	97	96	80-140	1	15	
<i>Surrogate:</i>										
Dibromofluoromethane					110	115	62-122			
Toluene-d8					102	103	70-120			
4-Bromofluorobenzene					100	101	71-120			

Date of Report: August 26, 2014  
Samples Submitted: August 20, 2014  
Laboratory Reference: 1408-170  
Project: 060172

**% MOISTURE**

Date Analyzed: 8-21-14

Client ID	Lab ID	% Moisture
B-41-6	08-170-01	9
B-41-17	08-170-02	26
B41-27.5	08-170-03	15
B-42-5	08-170-05	14
B-42-16.5	08-170-06	28
B-42-26	08-170-07	16
B-43-5	08-170-09	14
B-43-17	08-170-10	25
B-43-26	08-170-11	17
B-44-7	08-170-13	17
B-44-17.5	08-170-14	18
B-44-26.5	08-170-15	15



### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
  - B - The analyte indicated was also found in the blank sample.
  - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
  - E - The value reported exceeds the quantitation range and is an estimate.
  - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
  - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
  - I - Compound recovery is outside of the control limits.
  - J - The value reported was below the practical quantitation limit. The value is an estimate.
  - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
  - L - The RPD is outside of the control limits.
  - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
  - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
  - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
  - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
  - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
  - P - The RPD of the detected concentrations between the two columns is greater than 40.
  - Q - Surrogate recovery is outside of the control limits.
  - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
  - T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
  - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
  - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
  - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
  - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
  - X - Sample extract treated with a mercury cleanup procedure.
  - X1 - Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
  - Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
  - Z -
- ND - Not Detected at PQL  
 PQL - Practical Quantitation Limit  
 RPD - Relative Percent Difference













14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

September 2, 2014

Jeremy Porter  
Aspect Consulting  
401 2<sup>nd</sup> Avenue South, Suite 201  
Seattle, WA 98104

Re: Analytical Data for Project 060172  
Laboratory Reference No. 1408-170B

Dear Jeremy:

Enclosed are the analytical results and associated quality control data for samples submitted on August 20, 2014.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister  
Project Manager

Enclosures

Date of Report: September 2, 2014  
Samples Submitted: August 20, 2014  
Laboratory Reference: 1408-170B  
Project: 060172

### **Case Narrative**

Samples were collected on August 19, 2014 and received by the laboratory on August 20, 2014. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

#### Halogenated Volatiles EPA 8260C (soil) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-45-2</b>					
Laboratory ID:	08-170-17					
Dichlorodifluoromethane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0080	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0080	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Acetone	0.031	0.0080	EPA 8260C	8-28-14	8-28-14	Y
Iodomethane	ND	0.0080	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0080	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0080	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0080	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.011	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0080	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0080	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-45-2</b>					
Laboratory ID:	08-170-17					
1,1,2-Trichloroethane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0080	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0032	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0080	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0080	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.0016	EPA 8260C	8-28-14	8-28-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>104</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>105</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>107</i>	<i>73-124</i>				

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-45-15.5</b>					
Laboratory ID:	08-170-18					
Dichlorodifluoromethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	0.0024	0.0013	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0088	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	



Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-45-15.5</b>					
Laboratory ID:	08-170-18					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	0.47	0.062	EPA 8260C	8-29-14	8-29-14	
1,3-Dichloropropane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0027	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>105</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>73-124</i>				

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-45-26</b>					
Laboratory ID:	08-170-19					
Dichlorodifluoromethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0088	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-45-26</b>					
Laboratory ID:	08-170-19					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	0.0062	0.0013	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0027	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0067	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>73-124</i>				

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-46-6.5</b>					
Laboratory ID:	08-170-21					
Dichlorodifluoromethane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Chloromethane	ND	0.0067	EPA 8260C	8-29-14	8-29-14	
Vinyl Chloride	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Bromomethane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Chloroethane	ND	0.0067	EPA 8260C	8-29-14	8-29-14	
Trichlorofluoromethane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Acetone	0.025	0.0067	EPA 8260C	8-29-14	8-29-14	Y
Iodomethane	ND	0.0067	EPA 8260C	8-29-14	8-29-14	
Carbon Disulfide	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Methylene Chloride	ND	0.0067	EPA 8260C	8-29-14	8-29-14	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Vinyl Acetate	ND	0.0067	EPA 8260C	8-29-14	8-29-14	
2,2-Dichloropropane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
2-Butanone	ND	0.0067	EPA 8260C	8-29-14	8-29-14	
Bromochloromethane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Chloroform	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Carbon Tetrachloride	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloropropene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Benzene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloroethane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Trichloroethene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloropropane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Dibromomethane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Bromodichloromethane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
2-Chloroethyl Vinyl Ether	ND	0.0097	EPA 8260C	8-29-14	8-29-14	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Methyl Isobutyl Ketone	ND	0.0067	EPA 8260C	8-29-14	8-29-14	
Toluene	ND	0.0067	EPA 8260C	8-29-14	8-29-14	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-46-6.5</b>					
Laboratory ID:	08-170-21					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Tetrachloroethene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,3-Dichloropropane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
2-Hexanone	ND	0.0067	EPA 8260C	8-29-14	8-29-14	
Dibromochloromethane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromoethane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Chlorobenzene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Ethylbenzene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
m,p-Xylene	ND	0.0027	EPA 8260C	8-29-14	8-29-14	
o-Xylene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Styrene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Bromoform	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Isopropylbenzene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Bromobenzene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
n-Propylbenzene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
2-Chlorotoluene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
4-Chlorotoluene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,3,5-Trimethylbenzene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
tert-Butylbenzene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trimethylbenzene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
sec-Butylbenzene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
p-Isopropyltoluene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
n-Butylbenzene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromo-3-chloropropane	ND	0.0067	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
Hexachlorobutadiene	ND	0.0067	EPA 8260C	8-29-14	8-29-14	
Naphthalene	0.014	0.0013	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260C	8-29-14	8-29-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>105</i>	<i>73-124</i>				

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-46-16</b>					
Laboratory ID:	08-170-22					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0056	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0056	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Acetone	0.033	0.0056	EPA 8260C	8-28-14	8-28-14	Y
Iodomethane	ND	0.0056	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0056	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0056	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0056	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0074	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0056	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0056	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-46-16</b>					
Laboratory ID:	08-170-22					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0056	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0022	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0056	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0056	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>103</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>109</i>	<i>73-124</i>				

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-46-25</b>					
Laboratory ID:	08-170-23					
Dichlorodifluoromethane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0062	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0062	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	0.0062	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	0.0062	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0062	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0062	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0062	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0082	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0062	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0062	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	



Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-46-25</b>					
Laboratory ID:	08-170-23					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0062	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0025	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0062	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0062	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>102</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>107</i>	<i>73-124</i>				

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0828S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0050	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0050	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	0.0050	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	0.0050	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0050	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0050	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0050	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0066	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0050	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0828S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0050	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0020	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	8-28-14	8-28-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>104</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>108</i>	<i>73-124</i>				

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0829S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Chloromethane	ND	0.0050	EPA 8260C	8-29-14	8-29-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Bromomethane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Chloroethane	ND	0.0050	EPA 8260C	8-29-14	8-29-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Acetone	ND	0.0050	EPA 8260C	8-29-14	8-29-14	
Iodomethane	ND	0.0050	EPA 8260C	8-29-14	8-29-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Methylene Chloride	ND	0.0050	EPA 8260C	8-29-14	8-29-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Vinyl Acetate	ND	0.0050	EPA 8260C	8-29-14	8-29-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
2-Butanone	ND	0.0050	EPA 8260C	8-29-14	8-29-14	
Bromochloromethane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Chloroform	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Benzene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Trichloroethene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Dibromomethane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
2-Chloroethyl Vinyl Ether	ND	0.0072	EPA 8260C	8-29-14	8-29-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	8-29-14	8-29-14	
Toluene	ND	0.0050	EPA 8260C	8-29-14	8-29-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0829S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Tetrachloroethene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
2-Hexanone	ND	0.0050	EPA 8260C	8-29-14	8-29-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Chlorobenzene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Ethylbenzene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
m,p-Xylene	ND	0.0020	EPA 8260C	8-29-14	8-29-14	
o-Xylene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Styrene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Bromoform	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Bromobenzene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	8-29-14	8-29-14	
Naphthalene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>102</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>108</i>	<i>73-124</i>				

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0828S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0465</b>	<b>0.0484</b>	0.0500	0.0500	93	97	56-141	4	15	
Benzene	<b>0.0486</b>	<b>0.0488</b>	0.0500	0.0500	97	98	70-121	0	15	
Trichloroethene	<b>0.0484</b>	<b>0.0493</b>	0.0500	0.0500	97	99	74-118	2	15	
Toluene	<b>0.0473</b>	<b>0.0470</b>	0.0500	0.0500	95	94	75-120	1	15	
Chlorobenzene	<b>0.0460</b>	<b>0.0463</b>	0.0500	0.0500	92	93	75-120	1	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					95	95	65-129			
<i>Toluene-d8</i>					94	95	77-122			
<i>4-Bromofluorobenzene</i>					100	100	73-124			

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0829S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0466</b>	<b>0.0475</b>	0.0500	0.0500	93	95	56-141	2	15	
Benzene	<b>0.0483</b>	<b>0.0484</b>	0.0500	0.0500	97	97	70-121	0	15	
Trichloroethene	<b>0.0487</b>	<b>0.0482</b>	0.0500	0.0500	97	96	74-118	1	15	
Toluene	<b>0.0475</b>	<b>0.0479</b>	0.0500	0.0500	95	96	75-120	1	15	
Chlorobenzene	<b>0.0464</b>	<b>0.0463</b>	0.0500	0.0500	93	93	75-120	0	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					94	95	65-129			
<i>Toluene-d8</i>					94	96	77-122			
<i>4-Bromofluorobenzene</i>					100	101	73-124			

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-45-081914</b>					
Laboratory ID:	08-170-20					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	1.0	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	1.0	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	5.0	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	1.0	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	0.25	0.20	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	1.0	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	1.0	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	5.0	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Chloroform	0.32	0.20	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	1.0	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	8-28-14	8-28-14	



Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-45-081914</b>					
Laboratory ID:	08-170-20					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	6.8	0.20	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	2.0	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.40	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	1.0	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	1.0	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>106</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>71-120</i>				

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-46-081914</b>					
Laboratory ID:	08-170-24					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	1.0	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	1.0	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	5.0	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	1.0	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	1.0	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	1.0	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	5.0	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Chloroform	1.7	0.20	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	1.0	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	8-28-14	8-28-14	

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-46-081914</b>					
<b>Laboratory ID:</b>	08-170-24					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	2.9	0.20	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	2.0	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.40	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	1.0	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Naphthalene	1.4	1.0	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>71-120</i>				

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0828W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	1.0	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	1.0	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	5.0	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	1.0	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	1.0	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	1.0	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	5.0	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	1.0	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	8-28-14	8-28-14	

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0828W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	2.0	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.40	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	1.0	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	1.0	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	8-28-14	8-28-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>71-120</i>				

Date of Report: September 2, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170B  
 Project: 060172

**VOLATILES by EPA 8260C  
 MS/MSD QUALITY CONTROL**

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD		Flags
	MS	MSD	MS	MSD	Result	Recovery	Limits	RPD	Limit		
<b>MATRIX SPIKES</b>											
Laboratory ID:	08-215-01										
	MS	MSD	MS	MSD		MS	MSD				
1,1-Dichloroethene	<b>10.2</b>	<b>9.87</b>	10.0	10.0	ND	102	99	57-133	3	15	
Benzene	<b>10.1</b>	<b>10.2</b>	10.0	10.0	ND	101	102	78-117	1	15	
Trichloroethene	<b>8.58</b>	<b>8.33</b>	10.0	10.0	ND	86	83	77-120	3	15	
Toluene	<b>9.62</b>	<b>9.49</b>	10.0	10.0	ND	96	95	80-115	1	15	
Chlorobenzene	<b>9.48</b>	<b>9.28</b>	10.0	10.0	ND	95	93	80-122	2	15	
<i>Surrogate:</i>											
<i>Dibromofluoromethane</i>						<i>107</i>	<i>104</i>	<i>62-122</i>			
<i>Toluene-d8</i>						<i>100</i>	<i>95</i>	<i>70-120</i>			
<i>4-Bromofluorobenzene</i>						<i>101</i>	<i>98</i>	<i>71-120</i>			

Date of Report: September 2, 2014  
Samples Submitted: August 20, 2014  
Laboratory Reference: 1408-170B  
Project: 060172

### % MOISTURE

Date Analyzed: 8-27-14

Client ID	Lab ID	% Moisture
B-45-2	08-170-17	14
B-45-15.5	08-170-18	13
B-45-26	08-170-19	12
B-46-6.5	08-170-21	15
B-46-16	08-170-22	14
B-46-25	08-170-23	12



### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
  - B - The analyte indicated was also found in the blank sample.
  - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
  - E - The value reported exceeds the quantitation range and is an estimate.
  - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
  - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
  - I - Compound recovery is outside of the control limits.
  - J - The value reported was below the practical quantitation limit. The value is an estimate.
  - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
  - L - The RPD is outside of the control limits.
  - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
  - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
  - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
  - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
  - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
  - P - The RPD of the detected concentrations between the two columns is greater than 40.
  - Q - Surrogate recovery is outside of the control limits.
  - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
  - T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
  - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
  - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
  - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
  - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
  - X - Sample extract treated with a mercury cleanup procedure.
  - X1 - Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
  - Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
  - Z -
- ND - Not Detected at PQL  
 PQL - Practical Quantitation Limit  
 RPD - Relative Percent Difference











**Onsite Environmental Inc.**  
 Analytical Laboratory Testing Services  
 14648 NE 95th Street • Redmond, WA 98052  
 Phone: (425) 883-3881 • www.onsite-env.com

# Chain of Custody

Company: **ASPECT**

Project Number: **060172**

Project Name: **SPIC n SPAN**

Project Manager: **JEREMY PORTER**

Sampled by: **RET, SMB**

**Turnaround Request (In working days)**

- (Check One)
- Same Day     1 Day
- 2 Days     3 Days
- Standard (7 Days) (TPH analysis 5 Days)
- \_\_\_\_\_ (other)

**Laboratory Number: 08-170**

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive	% Moisture
21	B-46-6.5	8/19/14	1625	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
22	B-46-16		1640	S	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
23	B-46-25		1705	S	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
24	B-46-081914		1720	W	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Signature	Company	Date	Time	Comments/Special Instructions
	ASPECT	8/20/14		
	SPIC n SPAN	8/20/14	10:34	
	SPIC n SPAN	8/29/14	12:30	
	OSF	8/20/14	13:30	



14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

September 15, 2014

Jeremy Porter  
Aspect Consulting  
401 2<sup>nd</sup> Avenue South, Suite 201  
Seattle, WA 98104

Re: Analytical Data for Project 060172  
Laboratory Reference No. 1408-170C

Dear Jeremy:

Enclosed are the analytical results and associated quality control data for samples submitted on August 20, 2014.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal line extending to the right.

David Baumeister  
Project Manager

Enclosures

Date of Report: September 15, 2014  
Samples Submitted: August 20, 2014  
Laboratory Reference: 1408-170C  
Project: 060172

### **Case Narrative**

Samples were collected on August 19, 2014 and received by the laboratory on August 20, 2014. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: September 15, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170C  
 Project: 060172

**TOTAL ORGANIC CARBON  
 SM 5310B**

Matrix: Soil  
 Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-42-16.5</b>					
Laboratory ID:	08-170-06					
Total Organic Carbon	<b>12</b>	0.41	EPA 9060	9-10-14	9-10-14	

<b>Client ID:</b>	<b>B-43-17</b>					
Laboratory ID:	08-170-10					
Total Organic Carbon	<b>5.2</b>	0.22	EPA 9060	9-10-14	9-10-14	

<b>Client ID:</b>	<b>B-45-15.5</b>					
Laboratory ID:	08-170-18					
Total Organic Carbon	<b>1.1</b>	0.21	EPA 9060	9-10-14	9-10-14	

Date of Report: September 15, 2014  
 Samples Submitted: August 20, 2014  
 Laboratory Reference: 1408-170C  
 Project: 060172

**TOTAL ORGANIC CARBON  
 SM 5310B  
 QUALITY CONTROL**

Matrix: Soil  
 Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB0910S1					
Total Organic Carbon	<b>ND</b>	0.042	EPA 9060	9-10-14	9-10-14	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	08-170-18							
	ORIG	DUP						
Total Organic Carbon	<b>1.07</b>	<b>0.993</b>	NA	NA	NA	7	20	

<b>SPIKE BLANK</b>								
Laboratory ID:	SB0910S1							
	SB	SB		SB				
Total Organic Carbon	<b>43.4</b>	42.1	NA	103	80-120	NA	NA	



### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
  - B - The analyte indicated was also found in the blank sample.
  - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
  - E - The value reported exceeds the quantitation range and is an estimate.
  - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
  - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
  - I - Compound recovery is outside of the control limits.
  - J - The value reported was below the practical quantitation limit. The value is an estimate.
  - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
  - L - The RPD is outside of the control limits.
  - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
  - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
  - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
  - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
  - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
  - P - The RPD of the detected concentrations between the two columns is greater than 40.
  - Q - Surrogate recovery is outside of the control limits.
  - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
  - T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
  - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
  - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
  - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
  - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
  - X - Sample extract treated with a mercury cleanup procedure.
  - X1 - Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
  - Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
  - Z -
- ND - Not Detected at PQL  
 PQL - Practical Quantitation Limit  
 RPD - Relative Percent Difference







**MVA OnSite Environmental Inc.**  
 Analytical Laboratory Testing Services  
 14648 NE 95th Street • Redmond, WA 98052  
 Phone: (425) 883-3881 • www.onsite-env.com

# Chain of Custody

**Turnaround Request**  
(in working days)

(Check One)

- Same Day     1 Day  
 2 Days     3 Days  
 Standard (7 Days)  
 (TPH analysis 5 Days)

\_\_\_\_\_ (other)

**Laboratory Number: 08-170**

Company: **ASPECT**  
 Project Number: **060172**  
 Project Name: **SPIC N SPAN**  
 Project Manager: **Jeremy Porter**  
 Sampled by: **AET, SMB**

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix
11	B-43-26	8/19/14	1115	S
12	B-43-081914		1125	W
13	B-44-7		0915	S
14	B-44-17.5		0930	S
15	B-44-26.5		1000	S
16	B-44-081914		1010	W
17	B-45-2		1510	S
18	B-45-15.5		1520	S
19	B-45-26		1545	S
20	B-45-081914		1555	W

Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive	TOC	% Moisture
5					X														X
3					X														X
5					X														X
5					X														X
5					X														X
3					X														X
5					X														X
5					X														X
5					X														X
3					X														X

Signature: *[Handwritten Signature]*  
 Company: **ASPECT**  
 Date: **8/20/14**  
 Time: **10:54**

Signature: *[Handwritten Signature]*  
 Company: **ASPECT**  
 Date: **8/20/14**  
 Time: **12:58**

Signature: *[Handwritten Signature]*  
 Company: **OSE**  
 Date: **8/20/14**  
 Time: **1330**

Signature: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Data Package: Standard  Level III  Level IV   
 Electronic Data Deliverables (EDDs)   
 Chromatograms with final report





# Onsite Environmental Inc.

Analytical Laboratory Testing Services  
14648 NE 95th Street • Redmond, WA 98052  
Phone: (425) 883-3881 • www.onsite-env.com

## Chain of Custody

Turnaround Request  
(In working days)

(Check One)

Same Day  1 Day

2 Days  3 Days

Standard (7 Days)  
(TPH analysis 5 Days)

\_\_\_\_\_  
(other)

Laboratory Number: **08-170**

Company: Aspect  
Project Number: 060172  
Project Name: Spic n Span  
Project Manager: Jeremy Porter  
Sampled by: RET, SMB

Lab ID Sample Identification

Date Sampled Time Sampled Matrix

Number of Containers

NWTPH-HCID

NWTPH-Gx/BTEX

NWTPH-Gx

NWTPH-Dx

Volatiles 8260C

Halogenated Volatiles 8260C

Semivolatiles 8270D/SIM  
(with low-level PAHs)

PAHs 8270D/SIM (low-level)

PCBs 8082A

Organochlorine Pesticides 8081B

Organophosphorus Pesticides 8270D/SIM

Chlorinated Acid Herbicides 8151A

Total RCRA Metals

Total MTCA Metals

TCLP Metals

HEM (oil and grease) 1664A

Archive

% Moisture

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Archive	% Moisture
21	B-46-6.5	8/19/14	1625	Soil	5					<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/>
22	B-46-16		1640	S	5					<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/>
23	B-46-25		1705	S	5					<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/>
24	B-46-081914		1720	W	3					<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/>

Signature	Company	Date	Time	Comments/Special Instructions
	Aspect	8/20/14		
	SPIC N SPAN	8/20/14	10:34	
	OSI	8/20/14	1330	

Relinquished  
Received  
Relinquished  
Received  
Relinquished  
Received  
Reviewed/Date

Reviewed/Date

Chromatograms with final report



14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

September 18, 2014

Jeremy Porter  
Aspect Consulting  
401 2<sup>nd</sup> Avenue South, Suite 201  
Seattle, WA 98104

Re: Analytical Data for Project 060172  
Laboratory Reference No. 1409-079

Dear Jeremy:

Enclosed are the analytical results and associated quality control data for samples submitted on September 9, 2014.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister  
Project Manager

Enclosures

Date of Report: September 18, 2014  
Samples Submitted: September 9, 2014  
Laboratory Reference: 1409-079  
Project: 060172

### **Case Narrative**

Samples were collected on September 8 and 9, 2014 and received by the laboratory on September 9, 2014. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

### NWTPH-Gx

Matrix: Water  
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>VE-1-090814</b>					
Laboratory ID:	09-079-01					
Gasoline	<b>ND</b>	100	NWTPH-Gx	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	88	71-112				
<b>Client ID:</b>	<b>VE-1R-090814</b>					
Laboratory ID:	09-079-02					
Gasoline	<b>ND</b>	100	NWTPH-Gx	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	84	71-112				
<b>Client ID:</b>	<b>MW-2R-090814</b>					
Laboratory ID:	09-079-03					
Gasoline	<b>ND</b>	100	NWTPH-Gx	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	87	71-112				
<b>Client ID:</b>	<b>MW-2-090814</b>					
Laboratory ID:	09-079-04					
Gasoline	<b>ND</b>	100	NWTPH-Gx	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	84	71-112				
<b>Client ID:</b>	<b>MW-1-090814</b>					
Laboratory ID:	09-079-05					
Gasoline	<b>ND</b>	100	NWTPH-Gx	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	86	71-112				
<b>Client ID:</b>	<b>MW-3R-090814</b>					
Laboratory ID:	09-079-06					
Gasoline	<b>130</b>	100	NWTPH-Gx	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	87	71-112				

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

### NWTPH-Gx

Matrix: Water  
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-5-090814</b>					
Laboratory ID:	09-079-07					
Gasoline	<b>ND</b>	100	NWTPH-Gx	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	86	71-112				
<b>Client ID:</b>	<b>MW-3-090814</b>					
Laboratory ID:	09-079-08					
Gasoline	<b>ND</b>	100	NWTPH-Gx	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	87	71-112				
<b>Client ID:</b>	<b>MW-4-090814</b>					
Laboratory ID:	09-079-10					
Gasoline	<b>ND</b>	100	NWTPH-Gx	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	85	71-112				
<b>Client ID:</b>	<b>MW-6-090914</b>					
Laboratory ID:	09-079-11					
Gasoline	<b>ND</b>	100	NWTPH-Gx	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	87	71-112				

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**NWTPH-Gx  
 QUALITY CONTROL**

Matrix: Water  
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB0911W3					
Gasoline	<b>ND</b>	100	NWTPH-Gx	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	88	71-112				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	09-079-01							
	ORIG	DUP						
Gasoline	<b>ND</b>	<b>ND</b>	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				88	88	71-112		



Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>VE-1-090814</b>					
Laboratory ID:	09-079-01					
Dichlorodifluoromethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Chloromethane	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Vinyl Chloride	5.0	0.40	EPA 8260C	9-11-14	9-11-14	
Bromomethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Chloroethane	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Trichlorofluoromethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Acetone	ND	10	EPA 8260C	9-11-14	9-11-14	
Iodomethane	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Carbon Disulfide	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Methylene Chloride	ND	2.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,2-Dichloroethene	0.53	0.40	EPA 8260C	9-11-14	9-11-14	
Methyl t-Butyl Ether	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Vinyl Acetate	ND	2.0	EPA 8260C	9-11-14	9-11-14	
2,2-Dichloropropane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
(cis) 1,2-Dichloroethene	41	0.40	EPA 8260C	9-11-14	9-11-14	
2-Butanone	ND	10	EPA 8260C	9-11-14	9-11-14	
Bromochloromethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Chloroform	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,1,1-Trichloroethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Carbon Tetrachloride	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloropropene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Benzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloroethane	0.47	0.40	EPA 8260C	9-11-14	9-11-14	
Trichloroethene	1.2	0.40	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloropropane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Dibromomethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Bromodichloromethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
2-Chloroethyl Vinyl Ether	ND	2.0	EPA 8260C	9-11-14	9-11-14	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Methyl Isobutyl Ketone	ND	4.0	EPA 8260C	9-11-14	9-11-14	
Toluene	ND	2.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260C	9-11-14	9-11-14	

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>VE-1-090814</b>					
Laboratory ID:	09-079-01					
1,1,2-Trichloroethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Tetrachloroethene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,3-Dichloropropane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
2-Hexanone	ND	4.0	EPA 8260C	9-11-14	9-11-14	
Dibromochloromethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromoethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Chlorobenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Ethylbenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
m,p-Xylene	ND	0.80	EPA 8260C	9-11-14	9-11-14	
o-Xylene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Styrene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Bromoform	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Isopropylbenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Bromobenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichloropropane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
n-Propylbenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
2-Chlorotoluene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
4-Chlorotoluene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,3,5-Trimethylbenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
tert-Butylbenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trimethylbenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
sec-Butylbenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,3-Dichlorobenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
p-Isopropyltoluene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,4-Dichlorobenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,2-Dichlorobenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
n-Butylbenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Hexachlorobutadiene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Naphthalene	ND	2.0	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichlorobenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>95</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>96</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>71-120</i>				

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>VE-1R-090814</b>					
Laboratory ID:	09-079-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloromethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Vinyl Chloride	3.7	0.20	EPA 8260C	9-11-14	9-11-14	
Bromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Acetone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Iodomethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Carbon Disulfide	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methylene Chloride	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethane	0.21	0.20	EPA 8260C	9-11-14	9-11-14	
Vinyl Acetate	ND	1.0	EPA 8260C	9-11-14	9-11-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
(cis) 1,2-Dichloroethene	5.5	0.20	EPA 8260C	9-11-14	9-11-14	
2-Butanone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Bromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroform	0.30	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Benzene	0.76	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloroethane	0.56	0.20	EPA 8260C	9-11-14	9-11-14	
Trichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloropropane	0.51	0.20	EPA 8260C	9-11-14	9-11-14	
Dibromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromodichloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Toluene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>VE-1R-090814</b>					
Laboratory ID:	09-079-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Tetrachloroethene	0.22	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Hexanone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Dibromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Ethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
m,p-Xylene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
o-Xylene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Styrene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromoform	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Isopropylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
n-Propylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichlorobenzene	0.21	0.20	EPA 8260C	9-11-14	9-11-14	
n-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Naphthalene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>87</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>71-120</i>				

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-2R-090814</b>					
Laboratory ID:	09-079-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloromethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Vinyl Chloride	1.9	0.20	EPA 8260C	9-11-14	9-11-14	
Bromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Acetone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Iodomethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Carbon Disulfide	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methylene Chloride	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Vinyl Acetate	ND	1.0	EPA 8260C	9-11-14	9-11-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
(cis) 1,2-Dichloroethene	16	0.20	EPA 8260C	9-11-14	9-11-14	
2-Butanone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Bromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroform	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Benzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Trichloroethene	2.4	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Dibromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromodichloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Toluene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-2R-090814</b>					
<b>Laboratory ID:</b>	09-079-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Tetrachloroethene	2.0	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Hexanone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Dibromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Ethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
m,p-Xylene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
o-Xylene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Styrene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromoform	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Isopropylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
n-Propylbenzene	0.21	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
sec-Butylbenzene	0.31	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
n-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Naphthalene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>71-120</i>				

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-2-090814</b>					
Laboratory ID:	09-079-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloromethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Vinyl Chloride	0.75	0.20	EPA 8260C	9-11-14	9-11-14	
Bromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Acetone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Iodomethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Carbon Disulfide	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methylene Chloride	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Vinyl Acetate	ND	1.0	EPA 8260C	9-11-14	9-11-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
(cis) 1,2-Dichloroethene	1.6	0.20	EPA 8260C	9-11-14	9-11-14	
2-Butanone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Bromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroform	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Benzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloroethane	0.21	0.20	EPA 8260C	9-11-14	9-11-14	
Trichloroethene	0.30	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Dibromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromodichloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Toluene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-2-090814</b>					
Laboratory ID:	09-079-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Tetrachloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Hexanone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Dibromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Ethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
m,p-Xylene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
o-Xylene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Styrene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromoform	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Isopropylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
n-Propylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
tert-Butylbenzene	0.21	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichlorobenzene	0.27	0.20	EPA 8260C	9-11-14	9-11-14	
n-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Naphthalene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>111</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>99</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>71-120</i>				



Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-1-090814</b>					
<b>Laboratory ID:</b>	09-079-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloromethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Vinyl Chloride	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Acetone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Iodomethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Carbon Disulfide	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methylene Chloride	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Vinyl Acetate	ND	1.0	EPA 8260C	9-11-14	9-11-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Butanone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Bromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroform	6.3	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Benzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Trichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Dibromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromodichloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Toluene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-1-090814</b>					
<b>Laboratory ID:</b>	09-079-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Tetrachloroethene	3.3	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Hexanone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Dibromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Ethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
m,p-Xylene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
o-Xylene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Styrene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromoform	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Isopropylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
n-Propylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
n-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Naphthalene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>109</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>99</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>71-120</i>				

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-3R-090814</b>					
Laboratory ID:	09-079-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloromethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Vinyl Chloride	1.0	0.20	EPA 8260C	9-11-14	9-11-14	
Bromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Acetone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Iodomethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Carbon Disulfide	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methylene Chloride	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Vinyl Acetate	ND	1.0	EPA 8260C	9-11-14	9-11-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
(cis) 1,2-Dichloroethene	0.74	0.20	EPA 8260C	9-11-14	9-11-14	
2-Butanone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Bromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroform	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Benzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloroethane	0.38	0.20	EPA 8260C	9-11-14	9-11-14	
Trichloroethene	0.31	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Dibromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromodichloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Toluene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-3R-090814</b>					
<b>Laboratory ID:</b>	09-079-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Tetrachloroethene	2.5	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Hexanone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Dibromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Ethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
m,p-Xylene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
o-Xylene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Styrene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromoform	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Isopropylbenzene	0.68	0.20	EPA 8260C	9-11-14	9-11-14	
Bromobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
n-Propylbenzene	0.26	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
tert-Butylbenzene	0.43	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
sec-Butylbenzene	1.2	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichlorobenzene	0.58	0.20	EPA 8260C	9-11-14	9-11-14	
n-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Naphthalene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>108</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>71-120</i>				

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-5-090814</b>					
Laboratory ID:	09-079-07					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloromethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Vinyl Chloride	0.91	0.20	EPA 8260C	9-11-14	9-11-14	
Bromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Acetone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Iodomethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Carbon Disulfide	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methylene Chloride	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Vinyl Acetate	ND	1.0	EPA 8260C	9-11-14	9-11-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
(cis) 1,2-Dichloroethene	2.5	0.20	EPA 8260C	9-11-14	9-11-14	
2-Butanone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Bromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroform	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Benzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Trichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Dibromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromodichloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Toluene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-5-090814</b>					
<b>Laboratory ID:</b>	<b>09-079-07</b>					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Tetrachloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Hexanone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Dibromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Ethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
m,p-Xylene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
o-Xylene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Styrene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromoform	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Isopropylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
n-Propylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
n-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Naphthalene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>111</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>71-120</i>				

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-3-090814</b>					
Laboratory ID:	09-079-08					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloromethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Vinyl Chloride	0.71	0.20	EPA 8260C	9-11-14	9-11-14	
Bromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Acetone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Iodomethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Carbon Disulfide	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methylene Chloride	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Vinyl Acetate	ND	1.0	EPA 8260C	9-11-14	9-11-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
(cis) 1,2-Dichloroethene	0.35	0.20	EPA 8260C	9-11-14	9-11-14	
2-Butanone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Bromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroform	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Benzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloroethane	0.25	0.20	EPA 8260C	9-11-14	9-11-14	
Trichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Dibromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromodichloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Toluene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-3-090814</b>					
<b>Laboratory ID:</b>	09-079-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Tetrachloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Hexanone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Dibromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Ethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
m,p-Xylene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
o-Xylene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Styrene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromoform	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Isopropylbenzene	0.52	0.20	EPA 8260C	9-11-14	9-11-14	
Bromobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
n-Propylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
tert-Butylbenzene	0.48	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
sec-Butylbenzene	0.81	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichlorobenzene	0.37	0.20	EPA 8260C	9-11-14	9-11-14	
n-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Naphthalene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>106</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>71-120</i>				



Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-7-090814</b>					
Laboratory ID:	09-079-09					
Dichlorodifluoromethane	15	0.20	EPA 8260C	9-11-14	9-11-14	
Chloromethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Vinyl Chloride	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Acetone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Iodomethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Carbon Disulfide	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methylene Chloride	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Vinyl Acetate	ND	1.0	EPA 8260C	9-11-14	9-11-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Butanone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Bromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroform	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Benzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Trichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Dibromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromodichloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Toluene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-7-090814</b>					
Laboratory ID:	09-079-09					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Tetrachloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Hexanone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Dibromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Ethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
m,p-Xylene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
o-Xylene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Styrene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromoform	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Isopropylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
n-Propylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
n-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Naphthalene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>110</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>96</i>	<i>71-120</i>				

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-4-090814</b>					
<b>Laboratory ID:</b>	09-079-10					
Dichlorodifluoromethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Chloromethane	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Vinyl Chloride	40	0.40	EPA 8260C	9-11-14	9-11-14	
Bromomethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Chloroethane	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Trichlorofluoromethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Acetone	ND	10	EPA 8260C	9-11-14	9-11-14	
Iodomethane	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Carbon Disulfide	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Methylene Chloride	ND	2.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Methyl t-Butyl Ether	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Vinyl Acetate	ND	2.0	EPA 8260C	9-11-14	9-11-14	
2,2-Dichloropropane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
(cis) 1,2-Dichloroethene	36	0.40	EPA 8260C	9-11-14	9-11-14	
2-Butanone	ND	10	EPA 8260C	9-11-14	9-11-14	
Bromochloromethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Chloroform	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,1,1-Trichloroethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Carbon Tetrachloride	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloropropene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Benzene	1.2	0.40	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloroethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Trichloroethene	1.2	0.40	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloropropane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Dibromomethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Bromodichloromethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
2-Chloroethyl Vinyl Ether	ND	2.0	EPA 8260C	9-11-14	9-11-14	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Methyl Isobutyl Ketone	ND	4.0	EPA 8260C	9-11-14	9-11-14	
Toluene	ND	2.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260C	9-11-14	9-11-14	

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-4-090814</b>					
<b>Laboratory ID:</b>	09-079-10					
1,1,2-Trichloroethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Tetrachloroethene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,3-Dichloropropane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
2-Hexanone	ND	4.0	EPA 8260C	9-11-14	9-11-14	
Dibromochloromethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromoethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Chlorobenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Ethylbenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
m,p-Xylene	ND	0.80	EPA 8260C	9-11-14	9-11-14	
o-Xylene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Styrene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Bromoform	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Isopropylbenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Bromobenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichloropropane	ND	0.40	EPA 8260C	9-11-14	9-11-14	
n-Propylbenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
2-Chlorotoluene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
4-Chlorotoluene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,3,5-Trimethylbenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
tert-Butylbenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trimethylbenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
sec-Butylbenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,3-Dichlorobenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
p-Isopropyltoluene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,4-Dichlorobenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,2-Dichlorobenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
n-Butylbenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Hexachlorobutadiene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
Naphthalene	ND	2.0	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichlorobenzene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>103</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>96</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>91</i>	<i>71-120</i>				

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-6-090914</b>					
Laboratory ID:	09-079-11					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloromethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Vinyl Chloride	1.7	0.20	EPA 8260C	9-11-14	9-11-14	
Bromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Acetone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Iodomethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Carbon Disulfide	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methylene Chloride	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Vinyl Acetate	ND	1.0	EPA 8260C	9-11-14	9-11-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
(cis) 1,2-Dichloroethene	0.48	0.20	EPA 8260C	9-11-14	9-11-14	
2-Butanone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Bromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroform	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Benzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Trichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Dibromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromodichloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Toluene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-6-090914</b>					
<b>Laboratory ID:</b>	09-079-11					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Tetrachloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Hexanone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Dibromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Ethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
m,p-Xylene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
o-Xylene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Styrene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromoform	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Isopropylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
n-Propylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
n-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Naphthalene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>109</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>71-120</i>				

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0911W2					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloromethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Vinyl Chloride	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Acetone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Iodomethane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Carbon Disulfide	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methylene Chloride	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Vinyl Acetate	ND	1.0	EPA 8260C	9-11-14	9-11-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Butanone	ND	5.0	EPA 8260C	9-11-14	9-11-14	
Bromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chloroform	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Benzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Trichloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Dibromomethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromodichloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Toluene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	9-11-14	9-11-14	

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0911W2					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Tetrachloroethene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Hexanone	ND	2.0	EPA 8260C	9-11-14	9-11-14	
Dibromochloromethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Chlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Ethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
m,p-Xylene	ND	0.40	EPA 8260C	9-11-14	9-11-14	
o-Xylene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Styrene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromoform	ND	1.0	EPA 8260C	9-11-14	9-11-14	
Isopropylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Bromobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	9-11-14	9-11-14	
n-Propylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
n-Butylbenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
Naphthalene	ND	1.0	EPA 8260C	9-11-14	9-11-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	9-11-14	9-11-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>102</i>	<i>62-122</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>71-120</i>				



Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0911W2									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	8.84	8.63	10.0	10.0	88	86	63-142	2	17	
Benzene	9.26	9.45	10.0	10.0	93	95	78-125	2	15	
Trichloroethene	8.22	8.24	10.0	10.0	82	82	74-125	0	15	
Toluene	9.78	9.17	10.0	10.0	98	92	80-125	6	15	
Chlorobenzene	9.19	9.10	10.0	10.0	92	91	80-140	1	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					100	99	62-122			
<i>Toluene-d8</i>					103	98	70-120			
<i>4-Bromofluorobenzene</i>					97	98	71-120			

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**TOTAL DISSOLVED SOLIDS  
 SM 2540C**

Matrix: Water  
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>VE-1-090814</b>					
Laboratory ID:	09-079-01					
Total Dissolved Solids	<b>470</b>	13	SM 2540C	9-11-14	9-12-14	

<b>Client ID:</b>	<b>VE-1R-090814</b>					
Laboratory ID:	09-079-02					
Total Dissolved Solids	<b>510</b>	13	SM 2540C	9-11-14	9-12-14	

<b>Client ID:</b>	<b>MW-2R-090814</b>					
Laboratory ID:	09-079-03					
Total Dissolved Solids	<b>480</b>	13	SM 2540C	9-11-14	9-12-14	

<b>Client ID:</b>	<b>MW-2-090814</b>					
Laboratory ID:	09-079-04					
Total Dissolved Solids	<b>580</b>	13	SM 2540C	9-11-14	9-12-14	

<b>Client ID:</b>	<b>MW-3R-090814</b>					
Laboratory ID:	09-079-06					
Total Dissolved Solids	<b>570</b>	13	SM 2540C	9-11-14	9-12-14	

<b>Client ID:</b>	<b>MW-3-090814</b>					
Laboratory ID:	09-079-08					
Total Dissolved Solids	<b>390</b>	13	SM 2540C	9-11-14	9-12-14	

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**TOTAL DISSOLVED SOLIDS  
 SM 2540C  
 QUALITY CONTROL**

Matrix: Water  
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB0911W1					
Total Dissolved Solids	<b>ND</b>	13	SM 2540C	9-11-14	9-12-14	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	09-079-01							
	ORIG	DUP						
Total Dissolved Solids	<b>475</b>	<b>423</b>	NA	NA	NA	NA	12	15

<b>SPIKE BLANK</b>								
Laboratory ID:	SB0911W1							
	SB	SB		SB				
Total Dissolved Solids	<b>472</b>	500	NA	94	86-107	NA	NA	

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

### CONDUCTIVITY EPA 120.1

Matrix: Water  
 Units: Micro-mho

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>VE-1-090814</b>					
Laboratory ID:	09-079-01					
Conductivity	<b>770</b>	2.0	2510 B	9-12-14	9-12-14	

<b>Client ID:</b>	<b>VE-1R-090814</b>					
Laboratory ID:	09-079-02					
Conductivity	<b>870</b>	2.0	2510 B	9-12-14	9-12-14	

<b>Client ID:</b>	<b>MW-2R-090814</b>					
Laboratory ID:	09-079-03					
Conductivity	<b>820</b>	2.0	2510 B	9-12-14	9-12-14	

<b>Client ID:</b>	<b>MW-2-090814</b>					
Laboratory ID:	09-079-04					
Conductivity	<b>980</b>	2.0	2510 B	9-12-14	9-12-14	

<b>Client ID:</b>	<b>MW-3R-090814</b>					
Laboratory ID:	09-079-06					
Conductivity	<b>900</b>	2.0	2510 B	9-12-14	9-12-14	

<b>Client ID:</b>	<b>MW-3-090814</b>					
Laboratory ID:	09-079-08					
Conductivity	<b>810</b>	2.0	2510 B	9-12-14	9-12-14	

Date of Report: September 18, 2014  
 Samples Submitted: September 9, 2014  
 Laboratory Reference: 1409-079  
 Project: 060172

**CONDUCTIVITY EPA 120.1  
 DUPLICATE QUALITY CONTROL**

Matrix: Water  
 Units: Micro-mho

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	09-079-01							
	ORIG	DUP						
Conductivity	<b>774</b>	<b>775</b>	NA	NA	NA	NA	0	



### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
  - B - The analyte indicated was also found in the blank sample.
  - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
  - E - The value reported exceeds the quantitation range and is an estimate.
  - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
  - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
  - I - Compound recovery is outside of the control limits.
  - J - The value reported was below the practical quantitation limit. The value is an estimate.
  - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
  - L - The RPD is outside of the control limits.
  - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
  - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
  - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
  - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
  - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
  - P - The RPD of the detected concentrations between the two columns is greater than 40.
  - Q - Surrogate recovery is outside of the control limits.
  - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
  - T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
  - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
  - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
  - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
  - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
  - X - Sample extract treated with a mercury cleanup procedure.
  - X1 - Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
  - Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
  - Z -
- ND - Not Detected at PQL  
 PQL - Practical Quantitation Limit  
 RPD - Relative Percent Difference











14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

October 17, 2014

Jeremy Porter  
Aspect Consulting  
401 2<sup>nd</sup> Avenue South, Suite 201  
Seattle, WA 98104

Re: Analytical Data for Project 060172  
Laboratory Reference No. 1410-134

Dear Jeremy:

Enclosed are the analytical results and associated quality control data for samples submitted on October 10, 2014.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister  
Project Manager

Enclosures

Date of Report: October 17, 2014  
Samples Submitted: October 10, 2014  
Laboratory Reference: 1410-134  
Project: 060172

### **Case Narrative**

Samples were collected on October 9, 2014 and received by the laboratory on October 10, 2014. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

#### Volatiles EPA 8260C (soil) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-49-2.5</b>					
Laboratory ID:	10-134-01					
Dichlorodifluoromethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Chloromethane	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Vinyl Chloride	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Bromomethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Chloroethane	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Trichlorofluoromethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Acetone	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Iodomethane	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Carbon Disulfide	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Methylene Chloride	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
(trans) 1,2-Dichloroethene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Methyl t-Butyl Ether	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Vinyl Acetate	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
2,2-Dichloropropane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
(cis) 1,2-Dichloroethene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
2-Butanone	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Bromochloromethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Chloroform	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,1,1-Trichloroethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Carbon Tetrachloride	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloropropene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Benzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloroethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Trichloroethene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloropropane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Dibromomethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Bromodichloromethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
2-Chloroethyl Vinyl Ether	ND	0.0071	EPA 8260C	10-14-14	10-14-14	
(cis) 1,3-Dichloropropene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Methyl Isobutyl Ketone	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Toluene	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
(trans) 1,3-Dichloropropene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-49-2.5</b>					
Laboratory ID:	10-134-01					
1,1,2-Trichloroethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Tetrachloroethene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,3-Dichloropropane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
2-Hexanone	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Dibromochloromethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromoethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Chlorobenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,1,1,2-Tetrachloroethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Ethylbenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
m,p-Xylene	ND	0.0018	EPA 8260C	10-14-14	10-14-14	
o-Xylene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Styrene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Bromoform	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Isopropylbenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Bromobenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,1,2,2-Tetrachloroethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
n-Propylbenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
2-Chlorotoluene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
4-Chlorotoluene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,3,5-Trimethylbenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
tert-Butylbenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trimethylbenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
sec-Butylbenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,3-Dichlorobenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
p-Isopropyltoluene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,4-Dichlorobenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,2-Dichlorobenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
n-Butylbenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromo-3-chloropropane	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trichlorobenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Hexachlorobutadiene	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Naphthalene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichlorobenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>113</i>	<i>73-124</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-49-18</b>					
Laboratory ID:	10-134-02					
Dichlorodifluoromethane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Chloromethane	ND	0.0049	EPA 8260C	10-14-14	10-14-14	
Vinyl Chloride	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Bromomethane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Chloroethane	ND	0.0049	EPA 8260C	10-14-14	10-14-14	
Trichlorofluoromethane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Acetone	ND	0.0049	EPA 8260C	10-14-14	10-14-14	
Iodomethane	ND	0.0049	EPA 8260C	10-14-14	10-14-14	
Carbon Disulfide	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Methylene Chloride	ND	0.0049	EPA 8260C	10-14-14	10-14-14	
(trans) 1,2-Dichloroethene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Methyl t-Butyl Ether	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Vinyl Acetate	ND	0.0049	EPA 8260C	10-14-14	10-14-14	
2,2-Dichloropropane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
(cis) 1,2-Dichloroethene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
2-Butanone	ND	0.0049	EPA 8260C	10-14-14	10-14-14	
Bromochloromethane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Chloroform	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,1,1-Trichloroethane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Carbon Tetrachloride	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloropropene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Benzene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloroethane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Trichloroethene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloropropane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Dibromomethane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Bromodichloromethane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
2-Chloroethyl Vinyl Ether	ND	0.0077	EPA 8260C	10-14-14	10-14-14	
(cis) 1,3-Dichloropropene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Methyl Isobutyl Ketone	ND	0.0049	EPA 8260C	10-14-14	10-14-14	
Toluene	ND	0.0049	EPA 8260C	10-14-14	10-14-14	
(trans) 1,3-Dichloropropene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-49-18</b>					
Laboratory ID:	10-134-02					
1,1,2-Trichloroethane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Tetrachloroethene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,3-Dichloropropane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
2-Hexanone	ND	0.0049	EPA 8260C	10-14-14	10-14-14	
Dibromochloromethane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromoethane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Chlorobenzene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,1,1,2-Tetrachloroethane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Ethylbenzene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
m,p-Xylene	ND	0.0020	EPA 8260C	10-14-14	10-14-14	
o-Xylene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Styrene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Bromoform	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Isopropylbenzene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Bromobenzene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,1,2,2-Tetrachloroethane	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260C	10-14-14	10-14-14	
n-Propylbenzene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
2-Chlorotoluene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
4-Chlorotoluene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,3,5-Trimethylbenzene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
tert-Butylbenzene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trimethylbenzene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
sec-Butylbenzene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,3-Dichlorobenzene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
p-Isopropyltoluene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,4-Dichlorobenzene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,2-Dichlorobenzene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
n-Butylbenzene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromo-3-chloropropane	ND	0.0049	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trichlorobenzene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
Hexachlorobutadiene	ND	0.0049	EPA 8260C	10-14-14	10-14-14	
Naphthalene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichlorobenzene	ND	0.00098	EPA 8260C	10-14-14	10-14-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>105</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>114</i>	<i>73-124</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-49-27</b>					
Laboratory ID:	10-134-03					
Dichlorodifluoromethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Chloromethane	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Vinyl Chloride	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Bromomethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Chloroethane	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Trichlorofluoromethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Acetone	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Iodomethane	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Carbon Disulfide	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Methylene Chloride	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
(trans) 1,2-Dichloroethene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Methyl t-Butyl Ether	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Vinyl Acetate	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
2,2-Dichloropropane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
(cis) 1,2-Dichloroethene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
2-Butanone	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Bromochloromethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Chloroform	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,1,1-Trichloroethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Carbon Tetrachloride	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloropropene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Benzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloroethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Trichloroethene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloropropane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Dibromomethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Bromodichloromethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
2-Chloroethyl Vinyl Ether	ND	0.0071	EPA 8260C	10-14-14	10-14-14	
(cis) 1,3-Dichloropropene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Methyl Isobutyl Ketone	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Toluene	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
(trans) 1,3-Dichloropropene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-49-27</b>					
Laboratory ID:	10-134-03					
1,1,2-Trichloroethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Tetrachloroethene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,3-Dichloropropane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
2-Hexanone	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Dibromochloromethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromoethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Chlorobenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,1,1,2-Tetrachloroethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Ethylbenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
m,p-Xylene	ND	0.0018	EPA 8260C	10-14-14	10-14-14	
o-Xylene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Styrene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Bromoform	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Isopropylbenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Bromobenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,1,2,2-Tetrachloroethane	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
n-Propylbenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
2-Chlorotoluene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
4-Chlorotoluene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,3,5-Trimethylbenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
tert-Butylbenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trimethylbenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
sec-Butylbenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,3-Dichlorobenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
p-Isopropyltoluene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,4-Dichlorobenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,2-Dichlorobenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
n-Butylbenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromo-3-chloropropane	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trichlorobenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
Hexachlorobutadiene	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Naphthalene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichlorobenzene	ND	0.00091	EPA 8260C	10-14-14	10-14-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>97</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>99</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>112</i>	<i>73-124</i>				



Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-48-5</b>					
Laboratory ID:	10-134-04					
Dichlorodifluoromethane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Chloromethane	ND	0.0045	EPA 8260C	10-14-14	10-14-14	
Vinyl Chloride	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Bromomethane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Chloroethane	ND	0.0045	EPA 8260C	10-14-14	10-14-14	
Trichlorofluoromethane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Acetone	ND	0.0045	EPA 8260C	10-14-14	10-14-14	
Iodomethane	ND	0.0045	EPA 8260C	10-14-14	10-14-14	
Carbon Disulfide	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Methylene Chloride	ND	0.0045	EPA 8260C	10-14-14	10-14-14	
(trans) 1,2-Dichloroethene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Methyl t-Butyl Ether	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Vinyl Acetate	ND	0.0045	EPA 8260C	10-14-14	10-14-14	
2,2-Dichloropropane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
(cis) 1,2-Dichloroethene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
2-Butanone	ND	0.0045	EPA 8260C	10-14-14	10-14-14	
Bromochloromethane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Chloroform	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,1,1-Trichloroethane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Carbon Tetrachloride	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloropropene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Benzene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloroethane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Trichloroethene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloropropane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Dibromomethane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Bromodichloromethane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
2-Chloroethyl Vinyl Ether	ND	0.0071	EPA 8260C	10-14-14	10-14-14	
(cis) 1,3-Dichloropropene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Methyl Isobutyl Ketone	ND	0.0045	EPA 8260C	10-14-14	10-14-14	
Toluene	ND	0.0045	EPA 8260C	10-14-14	10-14-14	
(trans) 1,3-Dichloropropene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-48-5</b>					
Laboratory ID:	10-134-04					
1,1,2-Trichloroethane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Tetrachloroethene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,3-Dichloropropane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
2-Hexanone	ND	0.0045	EPA 8260C	10-14-14	10-14-14	
Dibromochloromethane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromoethane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Chlorobenzene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,1,1,2-Tetrachloroethane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Ethylbenzene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
m,p-Xylene	ND	0.0018	EPA 8260C	10-14-14	10-14-14	
o-Xylene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Styrene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Bromoform	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Isopropylbenzene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Bromobenzene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,1,2,2-Tetrachloroethane	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
n-Propylbenzene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
2-Chlorotoluene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
4-Chlorotoluene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,3,5-Trimethylbenzene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
tert-Butylbenzene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trimethylbenzene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
sec-Butylbenzene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,3-Dichlorobenzene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
p-Isopropyltoluene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,4-Dichlorobenzene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,2-Dichlorobenzene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
n-Butylbenzene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromo-3-chloropropane	ND	0.0045	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trichlorobenzene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
Hexachlorobutadiene	ND	0.0045	EPA 8260C	10-14-14	10-14-14	
Naphthalene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichlorobenzene	ND	0.00090	EPA 8260C	10-14-14	10-14-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>102</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>111</i>	<i>73-124</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-48-16</b>					
Laboratory ID:	10-134-05					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Chloromethane	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Bromomethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Chloroethane	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Acetone	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Iodomethane	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Methylene Chloride	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Vinyl Acetate	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
2-Butanone	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Bromochloromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Chloroform	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Benzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Trichloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Dibromomethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
2-Chloroethyl Vinyl Ether	ND	0.0080	EPA 8260C	10-14-14	10-14-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Methyl Isobutyl Ketone	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Toluene	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-48-16</b>					
Laboratory ID:	10-134-05					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
2-Hexanone	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Chlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Ethylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
m,p-Xylene	ND	0.0020	EPA 8260C	10-14-14	10-14-14	
o-Xylene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Styrene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Bromoform	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Bromobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260C	10-14-14	10-14-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromo-3-chloropropane	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Hexachlorobutadiene	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Naphthalene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>92</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>73-124</i>				

Date of Report: October 17, 2014  
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 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-48-26</b>					
Laboratory ID:	10-134-06					
Dichlorodifluoromethane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Chloromethane	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Vinyl Chloride	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Bromomethane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Chloroethane	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Trichlorofluoromethane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Acetone	0.035	0.0046	EPA 8260C	10-14-14	10-14-14	Y
Iodomethane	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Carbon Disulfide	0.0021	0.00092	EPA 8260C	10-14-14	10-14-14	
Methylene Chloride	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
(trans) 1,2-Dichloroethene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Methyl t-Butyl Ether	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Vinyl Acetate	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
2,2-Dichloropropane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
(cis) 1,2-Dichloroethene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
2-Butanone	0.011	0.0046	EPA 8260C	10-14-14	10-14-14	
Bromochloromethane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Chloroform	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,1,1-Trichloroethane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Carbon Tetrachloride	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloropropene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Benzene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloroethane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Trichloroethene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloropropane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Dibromomethane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Bromodichloromethane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
2-Chloroethyl Vinyl Ether	ND	0.0071	EPA 8260C	10-14-14	10-14-14	
(cis) 1,3-Dichloropropene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Methyl Isobutyl Ketone	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Toluene	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
(trans) 1,3-Dichloropropene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-48-26</b>					
Laboratory ID:	10-134-06					
1,1,2-Trichloroethane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Tetrachloroethene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,3-Dichloropropane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
2-Hexanone	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Dibromochloromethane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromoethane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Chlorobenzene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,1,1,2-Tetrachloroethane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Ethylbenzene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
m,p-Xylene	ND	0.0018	EPA 8260C	10-14-14	10-14-14	
o-Xylene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Styrene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Bromoform	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Isopropylbenzene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Bromobenzene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,1,2,2-Tetrachloroethane	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
n-Propylbenzene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
2-Chlorotoluene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
4-Chlorotoluene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,3,5-Trimethylbenzene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
tert-Butylbenzene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trimethylbenzene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
sec-Butylbenzene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,3-Dichlorobenzene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
p-Isopropyltoluene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,4-Dichlorobenzene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,2-Dichlorobenzene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
n-Butylbenzene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromo-3-chloropropane	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trichlorobenzene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
Hexachlorobutadiene	ND	0.0046	EPA 8260C	10-14-14	10-14-14	
Naphthalene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichlorobenzene	ND	0.00092	EPA 8260C	10-14-14	10-14-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>97</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>99</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>111</i>	<i>73-124</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-47-8</b>					
Laboratory ID:	10-134-08					
Dichlorodifluoromethane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Chloromethane	ND	0.0063	EPA 8260C	10-14-14	10-14-14	
Vinyl Chloride	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Bromomethane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Chloroethane	ND	0.0063	EPA 8260C	10-14-14	10-14-14	
Trichlorofluoromethane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Acetone	0.027	0.0063	EPA 8260C	10-14-14	10-14-14	Y
Iodomethane	ND	0.0063	EPA 8260C	10-14-14	10-14-14	
Carbon Disulfide	0.0030	0.0013	EPA 8260C	10-14-14	10-14-14	
Methylene Chloride	ND	0.0063	EPA 8260C	10-14-14	10-14-14	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Vinyl Acetate	ND	0.0063	EPA 8260C	10-14-14	10-14-14	
2,2-Dichloropropane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
2-Butanone	ND	0.0063	EPA 8260C	10-14-14	10-14-14	
Bromochloromethane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Chloroform	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Carbon Tetrachloride	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloropropene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Benzene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloroethane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Trichloroethene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloropropane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Dibromomethane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Bromodichloromethane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
2-Chloroethyl Vinyl Ether	ND	0.0098	EPA 8260C	10-14-14	10-14-14	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Methyl Isobutyl Ketone	ND	0.0063	EPA 8260C	10-14-14	10-14-14	
Toluene	ND	0.0063	EPA 8260C	10-14-14	10-14-14	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-47-8</b>					
Laboratory ID:	10-134-08					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Tetrachloroethene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,3-Dichloropropane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
2-Hexanone	ND	0.0063	EPA 8260C	10-14-14	10-14-14	
Dibromochloromethane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromoethane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Chlorobenzene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Ethylbenzene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
m,p-Xylene	ND	0.0025	EPA 8260C	10-14-14	10-14-14	
o-Xylene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Styrene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Bromoform	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Isopropylbenzene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Bromobenzene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichloropropane	ND	0.0018	EPA 8260C	10-14-14	10-14-14	
n-Propylbenzene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
2-Chlorotoluene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
4-Chlorotoluene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,3,5-Trimethylbenzene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
tert-Butylbenzene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trimethylbenzene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
sec-Butylbenzene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
p-Isopropyltoluene	0.0022	0.0013	EPA 8260C	10-14-14	10-14-14	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
n-Butylbenzene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromo-3-chloropropane	ND	0.0063	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
Hexachlorobutadiene	ND	0.0063	EPA 8260C	10-14-14	10-14-14	
Naphthalene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260C	10-14-14	10-14-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>98</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>111</i>	<i>73-124</i>				



Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-47-17</b>					
Laboratory ID:	10-134-09					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Chloromethane	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Bromomethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Chloroethane	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Acetone	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Iodomethane	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Methylene Chloride	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Vinyl Acetate	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
2-Butanone	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Bromochloromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Chloroform	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Benzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Trichloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Dibromomethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
2-Chloroethyl Vinyl Ether	ND	0.0079	EPA 8260C	10-14-14	10-14-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Methyl Isobutyl Ketone	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Toluene	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-47-17</b>					
Laboratory ID:	10-134-09					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Tetrachloroethene	0.0021	0.0010	EPA 8260C	10-14-14	10-14-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
2-Hexanone	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Chlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Ethylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
m,p-Xylene	ND	0.0020	EPA 8260C	10-14-14	10-14-14	
o-Xylene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Styrene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Bromoform	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Bromobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260C	10-14-14	10-14-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromo-3-chloropropane	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Hexachlorobutadiene	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Naphthalene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>99</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>99</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>111</i>	<i>73-124</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-47-27</b>					
Laboratory ID:	10-134-10					
Dichlorodifluoromethane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Chloromethane	ND	0.0043	EPA 8260C	10-14-14	10-14-14	
Vinyl Chloride	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Bromomethane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Chloroethane	ND	0.0043	EPA 8260C	10-14-14	10-14-14	
Trichlorofluoromethane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Acetone	0.032	0.0043	EPA 8260C	10-14-14	10-14-14	Y
Iodomethane	ND	0.0043	EPA 8260C	10-14-14	10-14-14	
Carbon Disulfide	0.0012	0.00087	EPA 8260C	10-14-14	10-14-14	
Methylene Chloride	ND	0.0043	EPA 8260C	10-14-14	10-14-14	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Methyl t-Butyl Ether	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Vinyl Acetate	ND	0.0043	EPA 8260C	10-14-14	10-14-14	
2,2-Dichloropropane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
2-Butanone	0.010	0.0043	EPA 8260C	10-14-14	10-14-14	
Bromochloromethane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Chloroform	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,1,1-Trichloroethane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Carbon Tetrachloride	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloropropene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Benzene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloroethane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Trichloroethene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloropropane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Dibromomethane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Bromodichloromethane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
2-Chloroethyl Vinyl Ether	ND	0.0068	EPA 8260C	10-14-14	10-14-14	
(cis) 1,3-Dichloropropene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Methyl Isobutyl Ketone	ND	0.0043	EPA 8260C	10-14-14	10-14-14	
Toluene	ND	0.0043	EPA 8260C	10-14-14	10-14-14	
(trans) 1,3-Dichloropropene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-47-27</b>					
Laboratory ID:	10-134-10					
1,1,2-Trichloroethane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Tetrachloroethene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,3-Dichloropropane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
2-Hexanone	ND	0.0043	EPA 8260C	10-14-14	10-14-14	
Dibromochloromethane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromoethane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Chlorobenzene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,1,1,2-Tetrachloroethane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Ethylbenzene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
m,p-Xylene	ND	0.0017	EPA 8260C	10-14-14	10-14-14	
o-Xylene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Styrene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Bromoform	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Isopropylbenzene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Bromobenzene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,1,2,2-Tetrachloroethane	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	10-14-14	10-14-14	
n-Propylbenzene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
2-Chlorotoluene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
4-Chlorotoluene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,3,5-Trimethylbenzene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
tert-Butylbenzene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trimethylbenzene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
sec-Butylbenzene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,3-Dichlorobenzene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
p-Isopropyltoluene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,4-Dichlorobenzene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,2-Dichlorobenzene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
n-Butylbenzene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromo-3-chloropropane	ND	0.0043	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trichlorobenzene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
Hexachlorobutadiene	ND	0.0043	EPA 8260C	10-14-14	10-14-14	
Naphthalene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichlorobenzene	ND	0.00087	EPA 8260C	10-14-14	10-14-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>99</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>114</i>	<i>73-124</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-51-3.5</b>					
Laboratory ID:	10-134-12					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Chloromethane	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Bromomethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Chloroethane	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Acetone	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Iodomethane	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Methylene Chloride	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Vinyl Acetate	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
2-Butanone	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Bromochloromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Chloroform	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Benzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Trichloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Dibromomethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
2-Chloroethyl Vinyl Ether	ND	0.0079	EPA 8260C	10-14-14	10-14-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Methyl Isobutyl Ketone	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Toluene	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-51-3.5</b>					
Laboratory ID:	10-134-12					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
2-Hexanone	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Chlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Ethylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
m,p-Xylene	ND	0.0020	EPA 8260C	10-14-14	10-14-14	
o-Xylene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Styrene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Bromoform	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Bromobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260C	10-14-14	10-14-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromo-3-chloropropane	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Hexachlorobutadiene	ND	0.0051	EPA 8260C	10-14-14	10-14-14	
Naphthalene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>95</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>109</i>	<i>73-124</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-51-17</b>					
Laboratory ID:	10-134-13					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Chloromethane	ND	0.0054	EPA 8260C	10-15-14	10-15-14	
Vinyl Chloride	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Bromomethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Chloroethane	ND	0.0054	EPA 8260C	10-15-14	10-15-14	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Acetone	ND	0.0054	EPA 8260C	10-15-14	10-15-14	
Iodomethane	ND	0.0054	EPA 8260C	10-15-14	10-15-14	
Carbon Disulfide	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Methylene Chloride	ND	0.0054	EPA 8260C	10-15-14	10-15-14	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Vinyl Acetate	ND	0.0054	EPA 8260C	10-15-14	10-15-14	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
2-Butanone	ND	0.0054	EPA 8260C	10-15-14	10-15-14	
Bromochloromethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Chloroform	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Benzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Trichloroethene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Dibromomethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Bromodichloromethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
2-Chloroethyl Vinyl Ether	ND	0.0079	EPA 8260C	10-15-14	10-15-14	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Methyl Isobutyl Ketone	ND	0.0069	EPA 8260C	10-15-14	10-15-14	
Toluene	ND	0.0054	EPA 8260C	10-15-14	10-15-14	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	10-15-14	10-15-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-51-17</b>					
Laboratory ID:	10-134-13					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Tetrachloroethene	0.017	0.0011	EPA 8260C	10-15-14	10-15-14	
1,3-Dichloropropane	ND	0.0014	EPA 8260C	10-15-14	10-15-14	
2-Hexanone	ND	0.0054	EPA 8260C	10-15-14	10-15-14	
Dibromochloromethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Chlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Ethylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
m,p-Xylene	ND	0.0022	EPA 8260C	10-15-14	10-15-14	
o-Xylene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Styrene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Bromoform	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Isopropylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Bromobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichloropropane	ND	0.0015	EPA 8260C	10-15-14	10-15-14	
n-Propylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
2-Chlorotoluene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
4-Chlorotoluene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
tert-Butylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
sec-Butylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
n-Butylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromo-3-chloropropane	ND	0.0054	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Hexachlorobutadiene	ND	0.0054	EPA 8260C	10-15-14	10-15-14	
Naphthalene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>98</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>96</i>	<i>79-126</i>				



Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-51-27</b>					
Laboratory ID:	10-134-14					
Dichlorodifluoromethane	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Chloromethane	ND	0.0042	EPA 8260C	10-15-14	10-15-14	
Vinyl Chloride	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Bromomethane	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Chloroethane	ND	0.0042	EPA 8260C	10-15-14	10-15-14	
Trichlorofluoromethane	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Acetone	ND	0.0042	EPA 8260C	10-15-14	10-15-14	
Iodomethane	ND	0.0042	EPA 8260C	10-15-14	10-15-14	
Carbon Disulfide	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Methylene Chloride	ND	0.0042	EPA 8260C	10-15-14	10-15-14	
(trans) 1,2-Dichloroethene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Methyl t-Butyl Ether	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethane	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Vinyl Acetate	ND	0.0042	EPA 8260C	10-15-14	10-15-14	
2,2-Dichloropropane	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
(cis) 1,2-Dichloroethene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
2-Butanone	ND	0.0042	EPA 8260C	10-15-14	10-15-14	
Bromochloromethane	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Chloroform	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,1,1-Trichloroethane	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Carbon Tetrachloride	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloropropene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Benzene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloroethane	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Trichloroethene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloropropane	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Dibromomethane	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Bromodichloromethane	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
2-Chloroethyl Vinyl Ether	ND	0.0061	EPA 8260C	10-15-14	10-15-14	
(cis) 1,3-Dichloropropene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Methyl Isobutyl Ketone	ND	0.0054	EPA 8260C	10-15-14	10-15-14	
Toluene	ND	0.0042	EPA 8260C	10-15-14	10-15-14	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-51-27</b>					
Laboratory ID:	10-134-14					
1,1,2-Trichloroethane	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Tetrachloroethene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
2-Hexanone	ND	0.0042	EPA 8260C	10-15-14	10-15-14	
Dibromochloromethane	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromoethane	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Chlorobenzene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,1,1,2-Tetrachloroethane	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Ethylbenzene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
m,p-Xylene	ND	0.0017	EPA 8260C	10-15-14	10-15-14	
o-Xylene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Styrene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Bromoform	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Isopropylbenzene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Bromobenzene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
n-Propylbenzene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
2-Chlorotoluene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
4-Chlorotoluene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,3,5-Trimethylbenzene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
tert-Butylbenzene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trimethylbenzene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
sec-Butylbenzene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,3-Dichlorobenzene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
p-Isopropyltoluene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,4-Dichlorobenzene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,2-Dichlorobenzene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
n-Butylbenzene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromo-3-chloropropane	ND	0.0042	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trichlorobenzene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
Hexachlorobutadiene	ND	0.0042	EPA 8260C	10-15-14	10-15-14	
Naphthalene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichlorobenzene	ND	0.00084	EPA 8260C	10-15-14	10-15-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>98</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>99</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>113</i>	<i>79-126</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-50-6</b>					
Laboratory ID:	10-134-16					
Dichlorodifluoromethane	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Chloromethane	ND	0.0044	EPA 8260C	10-15-14	10-15-14	
Vinyl Chloride	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Bromomethane	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Chloroethane	ND	0.0044	EPA 8260C	10-15-14	10-15-14	
Trichlorofluoromethane	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Acetone	ND	0.0044	EPA 8260C	10-15-14	10-15-14	
Iodomethane	ND	0.0044	EPA 8260C	10-15-14	10-15-14	
Carbon Disulfide	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Methylene Chloride	ND	0.0044	EPA 8260C	10-15-14	10-15-14	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Methyl t-Butyl Ether	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethane	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Vinyl Acetate	ND	0.0044	EPA 8260C	10-15-14	10-15-14	
2,2-Dichloropropane	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
2-Butanone	ND	0.0044	EPA 8260C	10-15-14	10-15-14	
Bromochloromethane	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Chloroform	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,1,1-Trichloroethane	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Carbon Tetrachloride	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloropropene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Benzene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloroethane	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Trichloroethene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloropropane	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Dibromomethane	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Bromodichloromethane	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
2-Chloroethyl Vinyl Ether	ND	0.0064	EPA 8260C	10-15-14	10-15-14	
(cis) 1,3-Dichloropropene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Methyl Isobutyl Ketone	ND	0.0056	EPA 8260C	10-15-14	10-15-14	
Toluene	ND	0.0044	EPA 8260C	10-15-14	10-15-14	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-50-6</b>					
Laboratory ID:	10-134-16					
1,1,2-Trichloroethane	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Tetrachloroethene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
2-Hexanone	ND	0.0044	EPA 8260C	10-15-14	10-15-14	
Dibromochloromethane	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromoethane	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Chlorobenzene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,1,1,2-Tetrachloroethane	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Ethylbenzene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
m,p-Xylene	ND	0.0018	EPA 8260C	10-15-14	10-15-14	
o-Xylene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Styrene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Bromoform	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Isopropylbenzene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Bromobenzene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
n-Propylbenzene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
2-Chlorotoluene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
4-Chlorotoluene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,3,5-Trimethylbenzene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
tert-Butylbenzene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trimethylbenzene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
sec-Butylbenzene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,3-Dichlorobenzene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
p-Isopropyltoluene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,4-Dichlorobenzene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,2-Dichlorobenzene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
n-Butylbenzene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromo-3-chloropropane	ND	0.0044	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trichlorobenzene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
Hexachlorobutadiene	ND	0.0044	EPA 8260C	10-15-14	10-15-14	
Naphthalene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichlorobenzene	ND	0.00088	EPA 8260C	10-15-14	10-15-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>99</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>112</i>	<i>79-126</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-50-17</b>					
Laboratory ID:	10-134-17					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Chloromethane	ND	0.0053	EPA 8260C	10-15-14	10-15-14	
Vinyl Chloride	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Bromomethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Chloroethane	ND	0.0053	EPA 8260C	10-15-14	10-15-14	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Acetone	ND	0.0053	EPA 8260C	10-15-14	10-15-14	
Iodomethane	ND	0.0053	EPA 8260C	10-15-14	10-15-14	
Carbon Disulfide	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Methylene Chloride	ND	0.0053	EPA 8260C	10-15-14	10-15-14	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Vinyl Acetate	ND	0.0053	EPA 8260C	10-15-14	10-15-14	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
2-Butanone	ND	0.0053	EPA 8260C	10-15-14	10-15-14	
Bromochloromethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Chloroform	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Benzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Trichloroethene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Dibromomethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Bromodichloromethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
2-Chloroethyl Vinyl Ether	ND	0.0078	EPA 8260C	10-15-14	10-15-14	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Methyl Isobutyl Ketone	ND	0.0068	EPA 8260C	10-15-14	10-15-14	
Toluene	ND	0.0053	EPA 8260C	10-15-14	10-15-14	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	10-15-14	10-15-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-50-17</b>					
Laboratory ID:	10-134-17					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Tetrachloroethene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,3-Dichloropropane	ND	0.0014	EPA 8260C	10-15-14	10-15-14	
2-Hexanone	ND	0.0053	EPA 8260C	10-15-14	10-15-14	
Dibromochloromethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Chlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Ethylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
m,p-Xylene	ND	0.0021	EPA 8260C	10-15-14	10-15-14	
o-Xylene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Styrene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Bromoform	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Isopropylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Bromobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichloropropane	ND	0.0015	EPA 8260C	10-15-14	10-15-14	
n-Propylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
2-Chlorotoluene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
4-Chlorotoluene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
tert-Butylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
sec-Butylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
n-Butylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromo-3-chloropropane	ND	0.0053	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Hexachlorobutadiene	ND	0.0053	EPA 8260C	10-15-14	10-15-14	
Naphthalene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>92</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>109</i>	<i>79-126</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-50-22</b>					
Laboratory ID:	10-134-18					
Dichlorodifluoromethane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Chloromethane	ND	0.0059	EPA 8260C	10-15-14	10-15-14	
Vinyl Chloride	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Bromomethane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Chloroethane	ND	0.0059	EPA 8260C	10-15-14	10-15-14	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Acetone	0.023	0.0059	EPA 8260C	10-15-14	10-15-14	
Iodomethane	ND	0.0059	EPA 8260C	10-15-14	10-15-14	
Carbon Disulfide	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Methylene Chloride	ND	0.0059	EPA 8260C	10-15-14	10-15-14	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Vinyl Acetate	ND	0.0059	EPA 8260C	10-15-14	10-15-14	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
2-Butanone	ND	0.0059	EPA 8260C	10-15-14	10-15-14	
Bromochloromethane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Chloroform	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Benzene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Trichloroethene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Dibromomethane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Bromodichloromethane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
2-Chloroethyl Vinyl Ether	ND	0.0086	EPA 8260C	10-15-14	10-15-14	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Methyl Isobutyl Ketone	ND	0.0076	EPA 8260C	10-15-14	10-15-14	
Toluene	ND	0.0059	EPA 8260C	10-15-14	10-15-14	
(trans) 1,3-Dichloropropene	ND	0.0015	EPA 8260C	10-15-14	10-15-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-50-22</b>					
Laboratory ID:	10-134-18					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Tetrachloroethene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,3-Dichloropropane	ND	0.0015	EPA 8260C	10-15-14	10-15-14	
2-Hexanone	ND	0.0059	EPA 8260C	10-15-14	10-15-14	
Dibromochloromethane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Chlorobenzene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Ethylbenzene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
m,p-Xylene	ND	0.0024	EPA 8260C	10-15-14	10-15-14	
o-Xylene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Styrene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Bromoform	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Isopropylbenzene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Bromobenzene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,1,2,2-Tetrachloroethane	ND	0.0015	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichloropropane	ND	0.0017	EPA 8260C	10-15-14	10-15-14	
n-Propylbenzene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
2-Chlorotoluene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
4-Chlorotoluene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
tert-Butylbenzene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
sec-Butylbenzene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
n-Butylbenzene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
Hexachlorobutadiene	ND	0.0059	EPA 8260C	10-15-14	10-15-14	
Naphthalene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>95</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>111</i>	<i>79-126</i>				



Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-52-8</b>					
Laboratory ID:	10-134-19					
Dichlorodifluoromethane	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Chloromethane	ND	0.0043	EPA 8260C	10-15-14	10-15-14	
Vinyl Chloride	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Bromomethane	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Chloroethane	ND	0.0043	EPA 8260C	10-15-14	10-15-14	
Trichlorofluoromethane	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Acetone	ND	0.0043	EPA 8260C	10-15-14	10-15-14	
Iodomethane	ND	0.0043	EPA 8260C	10-15-14	10-15-14	
Carbon Disulfide	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Methylene Chloride	ND	0.0043	EPA 8260C	10-15-14	10-15-14	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Methyl t-Butyl Ether	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethane	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Vinyl Acetate	ND	0.0043	EPA 8260C	10-15-14	10-15-14	
2,2-Dichloropropane	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
2-Butanone	ND	0.0043	EPA 8260C	10-15-14	10-15-14	
Bromochloromethane	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Chloroform	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,1,1-Trichloroethane	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Carbon Tetrachloride	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloropropene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Benzene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloroethane	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Trichloroethene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloropropane	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Dibromomethane	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Bromodichloromethane	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
2-Chloroethyl Vinyl Ether	ND	0.0062	EPA 8260C	10-15-14	10-15-14	
(cis) 1,3-Dichloropropene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Methyl Isobutyl Ketone	ND	0.0054	EPA 8260C	10-15-14	10-15-14	
Toluene	ND	0.0043	EPA 8260C	10-15-14	10-15-14	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-52-8</b>					
Laboratory ID:	10-134-19					
1,1,2-Trichloroethane	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Tetrachloroethene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
2-Hexanone	ND	0.0043	EPA 8260C	10-15-14	10-15-14	
Dibromochloromethane	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromoethane	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Chlorobenzene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,1,1,2-Tetrachloroethane	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Ethylbenzene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
m,p-Xylene	ND	0.0017	EPA 8260C	10-15-14	10-15-14	
o-Xylene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Styrene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Bromoform	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Isopropylbenzene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Bromobenzene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	10-15-14	10-15-14	
n-Propylbenzene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
2-Chlorotoluene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
4-Chlorotoluene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,3,5-Trimethylbenzene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
tert-Butylbenzene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trimethylbenzene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
sec-Butylbenzene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,3-Dichlorobenzene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
p-Isopropyltoluene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,4-Dichlorobenzene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,2-Dichlorobenzene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
n-Butylbenzene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromo-3-chloropropane	ND	0.0043	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trichlorobenzene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
Hexachlorobutadiene	ND	0.0043	EPA 8260C	10-15-14	10-15-14	
Naphthalene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichlorobenzene	ND	0.00085	EPA 8260C	10-15-14	10-15-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>99</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>114</i>	<i>79-126</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-52-16.5</b>					
Laboratory ID:	10-134-20					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Chloromethane	ND	0.0056	EPA 8260C	10-15-14	10-15-14	
Vinyl Chloride	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Bromomethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Chloroethane	ND	0.0056	EPA 8260C	10-15-14	10-15-14	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Acetone	0.016	0.0056	EPA 8260C	10-15-14	10-15-14	
Iodomethane	ND	0.0056	EPA 8260C	10-15-14	10-15-14	
Carbon Disulfide	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Methylene Chloride	ND	0.0056	EPA 8260C	10-15-14	10-15-14	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Vinyl Acetate	ND	0.0056	EPA 8260C	10-15-14	10-15-14	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
2-Butanone	ND	0.0056	EPA 8260C	10-15-14	10-15-14	
Bromochloromethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Chloroform	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Benzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Trichloroethene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Dibromomethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Bromodichloromethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
2-Chloroethyl Vinyl Ether	ND	0.0082	EPA 8260C	10-15-14	10-15-14	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Methyl Isobutyl Ketone	ND	0.0072	EPA 8260C	10-15-14	10-15-14	
Toluene	ND	0.0056	EPA 8260C	10-15-14	10-15-14	
(trans) 1,3-Dichloropropene	ND	0.0015	EPA 8260C	10-15-14	10-15-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-52-16.5</b>					
Laboratory ID:	10-134-20					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Tetrachloroethene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,3-Dichloropropane	ND	0.0015	EPA 8260C	10-15-14	10-15-14	
2-Hexanone	ND	0.0056	EPA 8260C	10-15-14	10-15-14	
Dibromochloromethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Chlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Ethylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
m,p-Xylene	ND	0.0023	EPA 8260C	10-15-14	10-15-14	
o-Xylene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Styrene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Bromoform	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Isopropylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Bromobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,1,2,2-Tetrachloroethane	ND	0.0015	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichloropropane	ND	0.0016	EPA 8260C	10-15-14	10-15-14	
n-Propylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
2-Chlorotoluene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
4-Chlorotoluene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
tert-Butylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trimethylbenzene	0.0016	0.0011	EPA 8260C	10-15-14	10-15-14	
sec-Butylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
p-Isopropyltoluene	0.0051	0.0011	EPA 8260C	10-15-14	10-15-14	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
n-Butylbenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromo-3-chloropropane	ND	0.0056	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
Hexachlorobutadiene	ND	0.0056	EPA 8260C	10-15-14	10-15-14	
Naphthalene	0.14	0.0011	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	10-15-14	10-15-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>99</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>112</i>	<i>79-126</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-52-22</b>					
Laboratory ID:	10-134-21					
Dichlorodifluoromethane	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Chloromethane	ND	0.0044	EPA 8260C	10-15-14	10-16-14	
Vinyl Chloride	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Bromomethane	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Chloroethane	ND	0.0044	EPA 8260C	10-15-14	10-16-14	
Trichlorofluoromethane	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,1-Dichloroethene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Acetone	0.013	0.0044	EPA 8260C	10-15-14	10-16-14	Y
Iodomethane	ND	0.0044	EPA 8260C	10-15-14	10-16-14	
Carbon Disulfide	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Methylene Chloride	ND	0.0056	EPA 8260C	10-15-14	10-16-14	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Methyl t-Butyl Ether	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,1-Dichloroethane	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Vinyl Acetate	ND	0.0044	EPA 8260C	10-15-14	10-16-14	
2,2-Dichloropropane	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
2-Butanone	ND	0.0044	EPA 8260C	10-15-14	10-16-14	
Bromochloromethane	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Chloroform	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,1,1-Trichloroethane	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Carbon Tetrachloride	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,1-Dichloropropene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Benzene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,2-Dichloroethane	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Trichloroethene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,2-Dichloropropane	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Dibromomethane	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Bromodichloromethane	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
2-Chloroethyl Vinyl Ether	ND	0.0061	EPA 8260C	10-15-14	10-16-14	
(cis) 1,3-Dichloropropene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Methyl Isobutyl Ketone	ND	0.0044	EPA 8260C	10-15-14	10-16-14	
Toluene	ND	0.0044	EPA 8260C	10-15-14	10-16-14	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	10-15-14	10-16-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-52-22</b>					
Laboratory ID:	10-134-21					
1,1,2-Trichloroethane	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Tetrachloroethene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	10-15-14	10-16-14	
2-Hexanone	ND	0.0044	EPA 8260C	10-15-14	10-16-14	
Dibromochloromethane	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,2-Dibromoethane	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Chlorobenzene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,1,1,2-Tetrachloroethane	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Ethylbenzene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
m,p-Xylene	ND	0.0017	EPA 8260C	10-15-14	10-16-14	
o-Xylene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Styrene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Bromoform	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Isopropylbenzene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Bromobenzene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	10-15-14	10-16-14	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	10-15-14	10-16-14	
n-Propylbenzene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
2-Chlorotoluene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
4-Chlorotoluene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,3,5-Trimethylbenzene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
tert-Butylbenzene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,2,4-Trimethylbenzene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
sec-Butylbenzene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,3-Dichlorobenzene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
p-Isopropyltoluene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,4-Dichlorobenzene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,2-Dichlorobenzene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
n-Butylbenzene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,2-Dibromo-3-chloropropane	ND	0.0044	EPA 8260C	10-15-14	10-16-14	
1,2,4-Trichlorobenzene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
Hexachlorobutadiene	ND	0.0044	EPA 8260C	10-15-14	10-16-14	
Naphthalene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
1,2,3-Trichlorobenzene	ND	0.00087	EPA 8260C	10-15-14	10-16-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>96</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>116</i>	<i>79-126</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1014S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Chloromethane	ND	0.0050	EPA 8260C	10-14-14	10-14-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Bromomethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Chloroethane	ND	0.0050	EPA 8260C	10-14-14	10-14-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Acetone	ND	0.0050	EPA 8260C	10-14-14	10-14-14	
Iodomethane	ND	0.0050	EPA 8260C	10-14-14	10-14-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Methylene Chloride	ND	0.0050	EPA 8260C	10-14-14	10-14-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Vinyl Acetate	ND	0.0050	EPA 8260C	10-14-14	10-14-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
2-Butanone	ND	0.0050	EPA 8260C	10-14-14	10-14-14	
Bromochloromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Chloroform	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Benzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Trichloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Dibromomethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
2-Chloroethyl Vinyl Ether	ND	0.0078	EPA 8260C	10-14-14	10-14-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	10-14-14	10-14-14	
Toluene	ND	0.0050	EPA 8260C	10-14-14	10-14-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:		MB1014S1				
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
2-Hexanone	ND	0.0050	EPA 8260C	10-14-14	10-14-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Chlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Ethylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
m,p-Xylene	ND	0.0020	EPA 8260C	10-14-14	10-14-14	
o-Xylene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Styrene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Bromoform	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Bromobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260C	10-14-14	10-14-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	10-14-14	10-14-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	10-14-14	10-14-14	
Naphthalene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-14-14	10-14-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>99</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>113</i>	<i>73-124</i>				



Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1015S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Chloromethane	ND	0.0050	EPA 8260C	10-15-14	10-15-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Bromomethane	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Chloroethane	ND	0.0050	EPA 8260C	10-15-14	10-15-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Acetone	ND	0.0050	EPA 8260C	10-15-14	10-15-14	
Iodomethane	ND	0.0050	EPA 8260C	10-15-14	10-15-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Methylene Chloride	ND	0.0050	EPA 8260C	10-15-14	10-15-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Vinyl Acetate	ND	0.0050	EPA 8260C	10-15-14	10-15-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
2-Butanone	ND	0.0050	EPA 8260C	10-15-14	10-15-14	
Bromochloromethane	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Chloroform	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Benzene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Trichloroethene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Dibromomethane	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
2-Chloroethyl Vinyl Ether	ND	0.0073	EPA 8260C	10-15-14	10-15-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Methyl Isobutyl Ketone	ND	0.0064	EPA 8260C	10-15-14	10-15-14	
Toluene	ND	0.0050	EPA 8260C	10-15-14	10-15-14	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	10-15-14	10-15-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:		MB1015S1				
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Tetrachloroethene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,3-Dichloropropane	ND	0.0013	EPA 8260C	10-15-14	10-15-14	
2-Hexanone	ND	0.0050	EPA 8260C	10-15-14	10-15-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Chlorobenzene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Ethylbenzene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
m,p-Xylene	ND	0.0020	EPA 8260C	10-15-14	10-15-14	
o-Xylene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Styrene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Bromoform	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Bromobenzene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260C	10-15-14	10-15-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	10-15-14	10-15-14	
Naphthalene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	10-15-14	10-15-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>82-129</i>				
<i>4-Bromofluorobenzene</i>	<i>117</i>	<i>79-126</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB1014S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0528</b>	<b>0.0554</b>	0.0500	0.0500	106	111	56-141	5	15	
Benzene	<b>0.0501</b>	<b>0.0516</b>	0.0500	0.0500	100	103	70-121	3	15	
Trichloroethene	<b>0.0562</b>	<b>0.0565</b>	0.0500	0.0500	112	113	74-118	1	15	
Toluene	<b>0.0520</b>	<b>0.0528</b>	0.0500	0.0500	104	106	75-120	2	15	
Chlorobenzene	<b>0.0464</b>	<b>0.0470</b>	0.0500	0.0500	93	94	75-120	1	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					92	95	65-129			
<i>Toluene-d8</i>					94	99	77-122			
<i>4-Bromofluorobenzene</i>					105	109	73-124			

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB1015S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0531</b>	<b>0.0551</b>	0.0500	0.0500	106	110	66-129	4	15	
Benzene	<b>0.0496</b>	<b>0.0513</b>	0.0500	0.0500	99	103	71-123	3	15	
Trichloroethene	<b>0.0565</b>	<b>0.0570</b>	0.0500	0.0500	113	114	75-115	1	15	
Toluene	<b>0.0522</b>	<b>0.0536</b>	0.0500	0.0500	104	107	75-120	3	15	
Chlorobenzene	<b>0.0465</b>	<b>0.0459</b>	0.0500	0.0500	93	92	75-121	1	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					92	94	76-131			
<i>Toluene-d8</i>					93	97	82-129			
<i>4-Bromofluorobenzene</i>					106	107	79-126			

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-48-100914</b>					
Laboratory ID:	10-134-07					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Chloromethane	ND	1.0	EPA 8260C	10-15-14	10-15-14	
Vinyl Chloride	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Bromomethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Chloroethane	ND	1.0	EPA 8260C	10-15-14	10-15-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Acetone	ND	5.0	EPA 8260C	10-15-14	10-15-14	
Iodomethane	ND	1.0	EPA 8260C	10-15-14	10-15-14	
Carbon Disulfide	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Methylene Chloride	ND	1.0	EPA 8260C	10-15-14	10-15-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Vinyl Acetate	ND	1.0	EPA 8260C	10-15-14	10-15-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
2-Butanone	ND	5.0	EPA 8260C	10-15-14	10-15-14	
Bromochloromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Chloroform	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Benzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Trichloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Dibromomethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Bromodichloromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	10-15-14	10-15-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	10-15-14	10-15-14	
Toluene	ND	1.0	EPA 8260C	10-15-14	10-15-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-15-14	10-15-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-48-100914</b>					
Laboratory ID:	10-134-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Tetrachloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
2-Hexanone	ND	2.0	EPA 8260C	10-15-14	10-15-14	
Dibromochloromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Chlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Ethylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
m,p-Xylene	ND	0.40	EPA 8260C	10-15-14	10-15-14	
o-Xylene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Styrene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Bromoform	ND	1.0	EPA 8260C	10-15-14	10-15-14	
Isopropylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Bromobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
n-Propylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
n-Butylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Naphthalene	ND	1.0	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>94</i>	<i>79-122</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>80-120</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>80-120</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-47-100914</b>					
Laboratory ID:	10-134-11					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Chloromethane	ND	1.0	EPA 8260C	10-15-14	10-15-14	
Vinyl Chloride	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Bromomethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Chloroethane	ND	1.0	EPA 8260C	10-15-14	10-15-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Acetone	ND	5.0	EPA 8260C	10-15-14	10-15-14	
Iodomethane	ND	1.0	EPA 8260C	10-15-14	10-15-14	
Carbon Disulfide	0.50	0.20	EPA 8260C	10-15-14	10-15-14	
Methylene Chloride	ND	1.0	EPA 8260C	10-15-14	10-15-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Vinyl Acetate	ND	1.0	EPA 8260C	10-15-14	10-15-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
2-Butanone	ND	5.0	EPA 8260C	10-15-14	10-15-14	
Bromochloromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Chloroform	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Benzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Trichloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Dibromomethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Bromodichloromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	10-15-14	10-15-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	10-15-14	10-15-14	
Toluene	ND	1.0	EPA 8260C	10-15-14	10-15-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-15-14	10-15-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-47-100914</b>					
<b>Laboratory ID:</b>	10-134-11					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Tetrachloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
2-Hexanone	ND	2.0	EPA 8260C	10-15-14	10-15-14	
Dibromochloromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Chlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Ethylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
m,p-Xylene	ND	0.40	EPA 8260C	10-15-14	10-15-14	
o-Xylene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Styrene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Bromoform	ND	1.0	EPA 8260C	10-15-14	10-15-14	
Isopropylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Bromobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
n-Propylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
n-Butylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Naphthalene	ND	1.0	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>102</i>	<i>79-122</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>80-120</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>80-120</i>				



Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-51-100914</b>					
Laboratory ID:	10-134-15					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Chloromethane	ND	1.0	EPA 8260C	10-15-14	10-15-14	
Vinyl Chloride	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Bromomethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Chloroethane	ND	1.0	EPA 8260C	10-15-14	10-15-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Acetone	ND	5.0	EPA 8260C	10-15-14	10-15-14	
Iodomethane	ND	1.0	EPA 8260C	10-15-14	10-15-14	
Carbon Disulfide	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Methylene Chloride	ND	1.0	EPA 8260C	10-15-14	10-15-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Vinyl Acetate	ND	1.0	EPA 8260C	10-15-14	10-15-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
2-Butanone	ND	5.0	EPA 8260C	10-15-14	10-15-14	
Bromochloromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Chloroform	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Benzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Trichloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Dibromomethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Bromodichloromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	10-15-14	10-15-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	10-15-14	10-15-14	
Toluene	ND	1.0	EPA 8260C	10-15-14	10-15-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-15-14	10-15-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-51-100914</b>					
<b>Laboratory ID:</b>	10-134-15					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Tetrachloroethene	1.1	0.20	EPA 8260C	10-15-14	10-15-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
2-Hexanone	ND	2.0	EPA 8260C	10-15-14	10-15-14	
Dibromochloromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Chlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Ethylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
m,p-Xylene	ND	0.40	EPA 8260C	10-15-14	10-15-14	
o-Xylene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Styrene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Bromoform	ND	1.0	EPA 8260C	10-15-14	10-15-14	
Isopropylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Bromobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
n-Propylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
n-Butylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Naphthalene	ND	1.0	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>79-122</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>80-120</i>				
<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>80-120</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-52-100914</b>					
Laboratory ID:	10-134-22					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Chloromethane	ND	1.0	EPA 8260C	10-16-14	10-16-14	
Vinyl Chloride	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Bromomethane	ND	0.28	EPA 8260C	10-16-14	10-16-14	
Chloroethane	ND	1.0	EPA 8260C	10-16-14	10-16-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Acetone	ND	5.0	EPA 8260C	10-16-14	10-16-14	
Iodomethane	ND	1.6	EPA 8260C	10-16-14	10-16-14	
Carbon Disulfide	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Methylene Chloride	ND	1.0	EPA 8260C	10-16-14	10-16-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Vinyl Acetate	ND	1.0	EPA 8260C	10-16-14	10-16-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
(cis) 1,2-Dichloroethene	0.20	0.20	EPA 8260C	10-16-14	10-16-14	
2-Butanone	ND	5.0	EPA 8260C	10-16-14	10-16-14	
Bromochloromethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Chloroform	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Benzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Trichloroethene	0.27	0.20	EPA 8260C	10-16-14	10-16-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Dibromomethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Bromodichloromethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	10-16-14	10-16-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	10-16-14	10-16-14	
Toluene	ND	1.0	EPA 8260C	10-16-14	10-16-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-16-14	10-16-14	

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-52-100914</b>					
<b>Laboratory ID:</b>	10-134-22					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Tetrachloroethene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
2-Hexanone	ND	2.0	EPA 8260C	10-16-14	10-16-14	
Dibromochloromethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Chlorobenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Ethylbenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
m,p-Xylene	ND	0.40	EPA 8260C	10-16-14	10-16-14	
o-Xylene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Styrene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Bromoform	ND	1.0	EPA 8260C	10-16-14	10-16-14	
Isopropylbenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Bromobenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
n-Propylbenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
n-Butylbenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	10-16-14	10-16-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Naphthalene	ND	1.0	EPA 8260C	10-16-14	10-16-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>79-122</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>80-120</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>80-120</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1015W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Chloromethane	ND	1.0	EPA 8260C	10-15-14	10-15-14	
Vinyl Chloride	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Bromomethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Chloroethane	ND	1.0	EPA 8260C	10-15-14	10-15-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Acetone	ND	5.0	EPA 8260C	10-15-14	10-15-14	
Iodomethane	ND	1.0	EPA 8260C	10-15-14	10-15-14	
Carbon Disulfide	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Methylene Chloride	ND	1.0	EPA 8260C	10-15-14	10-15-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Vinyl Acetate	ND	1.0	EPA 8260C	10-15-14	10-15-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
2-Butanone	ND	5.0	EPA 8260C	10-15-14	10-15-14	
Bromochloromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Chloroform	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Benzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Trichloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Dibromomethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Bromodichloromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	10-15-14	10-15-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	10-15-14	10-15-14	
Toluene	ND	1.0	EPA 8260C	10-15-14	10-15-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-15-14	10-15-14	

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 Laboratory Reference: 1410-134  
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**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:		MB1015W1				
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Tetrachloroethene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
2-Hexanone	ND	2.0	EPA 8260C	10-15-14	10-15-14	
Dibromochloromethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Chlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Ethylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
m,p-Xylene	ND	0.40	EPA 8260C	10-15-14	10-15-14	
o-Xylene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Styrene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Bromoform	ND	1.0	EPA 8260C	10-15-14	10-15-14	
Isopropylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Bromobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-15-14	10-15-14	
n-Propylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
n-Butylbenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	10-15-14	10-15-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
Naphthalene	ND	1.0	EPA 8260C	10-15-14	10-15-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-15-14	10-15-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>79-122</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>80-120</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>80-120</i>				

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1016W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Chloromethane	ND	1.0	EPA 8260C	10-16-14	10-16-14	
Vinyl Chloride	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Bromomethane	ND	0.28	EPA 8260C	10-16-14	10-16-14	
Chloroethane	ND	1.0	EPA 8260C	10-16-14	10-16-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Acetone	ND	5.0	EPA 8260C	10-16-14	10-16-14	
Iodomethane	ND	1.6	EPA 8260C	10-16-14	10-16-14	
Carbon Disulfide	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Methylene Chloride	ND	1.0	EPA 8260C	10-16-14	10-16-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Vinyl Acetate	ND	1.0	EPA 8260C	10-16-14	10-16-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
2-Butanone	ND	5.0	EPA 8260C	10-16-14	10-16-14	
Bromochloromethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Chloroform	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Benzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Trichloroethene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Dibromomethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Bromodichloromethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	10-16-14	10-16-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	10-16-14	10-16-14	
Toluene	ND	1.0	EPA 8260C	10-16-14	10-16-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	10-16-14	10-16-14	

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 Project: 060172

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:		MB1016W1				
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Tetrachloroethene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
2-Hexanone	ND	2.0	EPA 8260C	10-16-14	10-16-14	
Dibromochloromethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Chlorobenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Ethylbenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
m,p-Xylene	ND	0.40	EPA 8260C	10-16-14	10-16-14	
o-Xylene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Styrene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Bromoform	ND	1.0	EPA 8260C	10-16-14	10-16-14	
Isopropylbenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Bromobenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	10-16-14	10-16-14	
n-Propylbenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
n-Butylbenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	10-16-14	10-16-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
Naphthalene	ND	1.0	EPA 8260C	10-16-14	10-16-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	10-16-14	10-16-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>104</i>	<i>79-122</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>80-120</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>80-120</i>				



Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					SB	SBD	Limits	RPD	Limit	
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB1015W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	11.0	11.1	10.0	10.0	110	111	64-138	1	16	
Benzene	10.2	10.3	10.0	10.0	102	103	76-125	1	14	
Trichloroethene	8.97	9.05	10.0	10.0	90	91	75-125	1	16	
Toluene	10.3	10.2	10.0	10.0	103	102	75-125	1	15	
Chlorobenzene	9.67	9.82	10.0	10.0	97	98	80-140	2	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					99	102	79-122			
<i>Toluene-d8</i>					99	99	80-120			
<i>4-Bromofluorobenzene</i>					98	97	80-120			

Date of Report: October 17, 2014  
 Samples Submitted: October 10, 2014  
 Laboratory Reference: 1410-134  
 Project: 060172

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					SB	SBD	Limits	RPD	Limit	
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB1016W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	11.1	9.67	10.0	10.0	111	97	64-138	14	16	
Benzene	10.2	9.76	10.0	10.0	102	98	76-125	4	14	
Trichloroethene	8.99	8.73	10.0	10.0	90	87	75-125	3	16	
Toluene	10.3	10.1	10.0	10.0	103	101	75-125	2	15	
Chlorobenzene	9.62	9.32	10.0	10.0	96	93	80-140	3	15	
<i>Surrogate:</i>										
Dibromofluoromethane					102	99	79-122			
Toluene-d8					99	100	80-120			
4-Bromofluorobenzene					97	96	80-120			

Date of Report: October 17, 2014  
Samples Submitted: October 10, 2014  
Laboratory Reference: 1410-134  
Project: 060172

**% MOISTURE**

Date Analyzed: 10-14-14

Client ID	Lab ID	% Moisture
B-49-2.5	10-134-01	9
B-49-18	10-134-02	7
B-49-27	10-134-03	14
B-48-5	10-134-04	21
B-48-16	10-134-05	12
B-48-26	10-134-06	21
B-47-8	10-134-08	30
B-47-17	10-134-09	19
B-47-27	10-134-10	19
B-51-3.5	10-134-12	5
B-51-17	10-134-13	21
B-51-27	10-134-14	12
B-50-6	10-134-16	14
B-50-17	10-134-17	11
B-50-22	10-134-18	14
B-52-8	10-134-19	10
B-52-16.5	10-134-20	22
B-52-22	10-134-21	15



### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
  - B - The analyte indicated was also found in the blank sample.
  - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
  - E - The value reported exceeds the quantitation range and is an estimate.
  - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
  - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
  - I - Compound recovery is outside of the control limits.
  - J - The value reported was below the practical quantitation limit. The value is an estimate.
  - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
  - L - The RPD is outside of the control limits.
  - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
  - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
  - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
  - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
  - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
  - P - The RPD of the detected concentrations between the two columns is greater than 40.
  - Q - Surrogate recovery is outside of the control limits.
  - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
  - T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
  - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
  - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
  - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
  - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
  - X - Sample extract treated with a mercury cleanup procedure.
  - X1 - Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
  - Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
  - Z -
- ND - Not Detected at PQL  
 PQL - Practical Quantitation Limit  
 RPD - Relative Percent Difference







# Onsite Environmental Inc.

Analytical Laboratory Testing Services  
14648 NE 95th Street • Redmond, WA 98052  
Phone: (425) 883-3881 • www.onsite-env.com

## Chain of Custody

Page

2 of 3

# 10-134

Company: **ASPECT CONSULTING**

Project Number: **060172**

Project Name: **SPIC N SPAN**

Project Manager:

**Jeremy Porter, Dave Rugh**

Sampled by: **AET**

### Turnaround Request (in working days)

(Check One)

Same Day  1 Day

2 Days  3 Days

Standard (7 Days) (TPH analysis 5 Days)

\_\_\_\_\_ (other)

### Laboratory Number:

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	Analytical Parameters																	
11	B-47-100914	10/9/14	1045	W	3	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture	
12	B-51-3,5		1115	S	4					X													
13	B-51-17		1130	S	4					X													
14	B-51-27		1140	S	4					X													
15	B-51-100914		1150	W	3					X													
16	B-50-6		1240	S	4					X													
17	B-50-17		1250	S	4					X													
18	B-50-22		1300	S	4					X													
19	B-52-8		1330	S	4					X													
20	B-52-16,5		1340	S	4					X													

Signature	Company	Date	Time	Comments/Special Instructions
	ASPECT	10/10/14		
	ORN	10/10/14	1230	

Relinquished

Received

Relinquished

Received

Relinquished

Received

Reviewed/Date

Reviewed/Date

Chromatograms with final report

Data Package: Standard  Level III  Level IV

Electronic Data Deliverables (EDDs)

