



SoundEarth Strategies, Inc.
2811 Fairview Avenue East, Suite 2000
Seattle, Washington 98102

October 5, 2016

Mr. Richard Suss
CP V Sherwood
1000 Sansome Street, 1st Floor
San Francisco, California 94111

SUBJECT: CONTAINED-IN EXCAVATION SUMMARY
Sherwood Shopping Center
15400 Northeast 20th Street, Bellevue, Washington
Project Number: 0805-002-01

Dear Mr. Suss:

On behalf of CP V Sherwood, LLC, SoundEarth Strategies, Inc. (SoundEarth) has prepared this Contained-In Excavation Summary for the Sherwood Shopping Center Property, located at 15400 Northeast 20th Street in Bellevue, Washington (Property; Figure 1). A remedial action was conducted at the Property to remove soil containing detectable volatile organic compounds (VOCs), and soil containing tetrachloroethene (PCE) concentrations above the Washington State Model Toxics Control Act (MTCA) Cleanup Regulation Method A soil cleanup level as established in Section 740 of Chapter 173-340 of the Washington Administrative Code (WAC 173-340-740) as part of the Property redevelopment. The VOC-contaminated soil is the result of a release attributed to a dry cleaner that operated on the southwest corner of the Property for approximately 25 years (Figure 2).

CONTAINED-IN DETERMINATION

Prior to the excavation, SoundEarth requested a Contained-In determination from the Washington State Department of Ecology (Ecology) to dispose of soil with detectable concentrations of VOCs as non-dangerous waste. Ecology reviewed the results of previous subsurface investigations conducted by SoundEarth and others, and approved SoundEarth's request for a Contained-In determination on May 12, 2016. Ecology's approval allowed for the generation of 1,750 tons and 66 soil drums of F002-listed waste-contaminated soil to be managed as non-dangerous waste. Ecology determined that the concentrations of detectable VOCs in soil were below risk-based levels and exempt from management as dangerous wastes.

Results of the previous soil sampling conducted at the Property (Table 1 and Figure 2), which was used to obtain the Contained-In determination, did not fully delineate the horizontal extent of soils containing detectable concentrations of VOCs. In June 2016, SoundEarth conducted a subsurface investigation to delineate the extent of soil containing VOCs. The investigation included the advancement of 12 soil borings to between 7.5 and 17 feet below ground surface (bgs). Three soil borings, SB06 through SB08, had concentrations of PCE and tetrachloroethene (TCE) that were either detectable or exceeding the respective MTCA Method A cleanup level (Table 1). Two additional test pits were advanced to 7.5 feet bgs on June 30, 2016 to delineate the extent of detectable PCE and TCE

concentrations encountered in SB06 through SB08. The soil samples analyzed during this investigation came back below the laboratory detection limit for VOCs (Table 1). These additional subsurface investigations delineated the extent of the soil containing detectable concentrations of VOCs.

To incorporate the additional soil containing detectable concentrations of VOCs encountered during the June 2016 subsurface investigations, SoundEarth submitted an addendum to the Contained-In determination in July 2016. The addendum requested the approval to dispose of 490 tons of soil with detectable concentrations of VOCs from an area that was directly adjacent to the original Contained-In soils. On July 12, 2016, Ecology provided a second Contained-In determination approval letter. The approval allowed for the generation of the additional; 490 tons of F002-listed waste-contaminated soil to be managed as non-dangerous waste. The second Contained-In approval letter required that the soil be disposed of by July 31, 2016.

Extensions and an addendum to the Contained-In approval letter were requested from Ecology during the remedial action. Copies of Ecology's Contained-In determination approval letters are included in Attachment A.

REMEDIAL EXCAVATION

Excavation of the soil containing detectable VOCs for Property redevelopment was conducted between July 6th and July 13th, 2016. Northwest Construction, Inc. of Bellevue, Washington, was the earthworks contractor responsible for excavation and transportation of soil. A SoundEarth geologist observed excavation activities.

The portion of the Property with soil containing concentrations of detectable VOCs was referred to as the Contained-In Area, and was removed during the remedial excavation. SoundEarth used the figure approved by Ecology for the Contained-In determination to mark out the soil for excavation and off-Property disposal. The Contained-In area was measured with a tape measure using SB01/MW01 as a reference point.

Groundwater was not present in the Contained-In Area of the excavation.

SOIL SAMPLING

Soil sampling included the collection of soil samples from the sidewalls and bottom of the Contained-In Area. SoundEarth used a soil management grid system containing approximately 10-foot by 10-foot grid cells, which divided the Contained-In Area into vertical grid cell for sample locations (Figure 3).

As previously discussed, prior to the excavation, twelve soil borings (SB04 through SB15), and two test pits (TP01 and TP02) were advanced in June 2016 as part of the process to obtain a Contained-In determination addendum. These soil sampling locations were chosen based on their location relative to the grid, and were used as sidewall and bottom samples.

These soil samples collected from the soil borings and test pits were assigned a unique ID that included the components listed below:

- Soil boring or test pit identification (e.g., SB05 or TP01)

- The depth in feet bgs (e.g., 5)

For example, a soil sample collected from soil boring SB05 at a depth of 5 feet bgs would be labeled "SB05-05." Additionally, a soil sample collected from test pit TP01 at a depth of 5 feet bgs would be labeled "TP01-05."

For the Contained-In Area excavation, the grid cells were measured with a tape measure using SB01/MW01 as a reference point. Soil samples collected during the excavation of the Contained-In Area were identified by their position relative to the grid. Bottom and sidewall samples collected from the Contained-In Area were assigned a unique ID that included the components listed below:

- The grid cell identification (e.g., E4)
- The sample type (i.e., "BTM" indicated the bottom of the excavation, "NSW" indicated the north sidewall of the excavation)
- A qualifier of the bottom being sampled (when applicable)
- The depth in feet bgs (e.g., 11)

For example, a soil sample collected from the bottom of the excavation in grid cell E4 at a depth of 11 feet bgs would be labeled "E4-BTM-11." If multiple bottom samples were collected within a given cell, a qualifier was used. For example, three bottom samples were collected within grid C4, samples were labeled "C4-BTM-01-11," "C4-BTM-02-11," and "C4-BTM-03-11." The soil sample locations are shown on Figure 2.

Prior to the excavation fifty-three soil samples were collected during the soil boring advancement and test pitting activities as sidewall and bottom samples. Bottom samples were collected at approximately the final vertical limits of the redevelopment excavation; a depth of approximately 7.5 feet bgs outside the former building footprint, and approximately 10 feet bgs inside the former building footprint.

Twenty-five bottom samples and nine sidewall samples were collected during the Contained-In Area excavation. Bottom samples were collected at the final vertical limits of the redevelopment excavation; a depth of approximately 7 to 7.5 feet bgs outside the former building footprint, and approximately 10 to 11 feet bgs inside the former building footprint.

Soil samples were field screened for VOCs using a handheld gas analyzer equipped with a photoionization detector. Soil samples were analyzed for VOCs by the Environmental Protection Agency Method 8260C. Soil sample locations are shown in Figure 2.

Analytical Results

Analytical results for the soil samples collected from the final limits of the Contained-In Area are presented in Tables 1 and 2, and depicted in Figures 2 and 3. Laboratory analytical reports for the soil samples collected during the interim action are included in Attachment B. A discussion of analytical results is presented below.

- 5 soil samples collected during the soil boring advancement contained detectable concentrations of PCE and/or TCE.

- VOC concentrations in 48 soil samples collected during the soil boring advancement and test pitting were below the laboratory reporting limits.
- VOC concentrations in all of the 25 soil samples collected during the excavation from the bottom of the Contained-In Area were below the laboratory reporting limits.
- VOC concentrations in all of the 9 soil samples collected during the excavation from the sidewalls of the Contained-In Area were below the laboratory reporting limits.

CONCLUSIONS

The five soil samples that contained detectable concentrations that were collected prior to the excavation were laterally and horizontally bound by additional soil borings, test pits, and soil samples collected during the excavation. The soil sample locations that vertically and horizontally bound the Contained-In Area are shown on Figure 3. Based on the results of the soil sampling as described above, soil with detectable concentrations of COCs was removed from the Property and properly disposed of separately from other soil on the property.

LIMITATIONS

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report are derived, in part, from data gathered by others, and from conditions evaluated when services were performed, and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We do not warrant and are not responsible for the accuracy or validity of work performed by others, nor from the impacts of changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the use of segregated portions of this report.

Respectfully,

SoundEarth Strategies, Inc.



Courtney Schaumberg, LG
Project Hydrogeologist



John R. Funderburk, MSPH
Principal

Attachments: Figure 1, Property Location
Figure 2, Exploration Location Plan
Figure 3, Contained-In Area and Non-Detect Sample Locations
Table 1, Summary of Soil Analytical Results for Volatile Organic Compounds Prior to the Contained-In Excavation
Table 2, Summary of Soil Analytical Results for Volatile Organic Compounds During the Contained-In Excavation

A, Ecology Contained-In Approval Letters

B, Laboratory Analytical Reports

OnSite Environmental, Inc. #1408-254

OnSite Environmental, Inc. #1408-258

OnSite Environmental, Inc. #1602-159

OnSite Environmental, Inc. #1602-175

OnSite Environmental, Inc. #1602-196

OnSite Environmental, Inc. #1602-209

OnSite Environmental, Inc. #1602-220

Friedman & Bruya, Inc. #604075 additional

Friedman & Bruya, Inc. #604135 additional

Friedman & Bruya, Inc. #606455

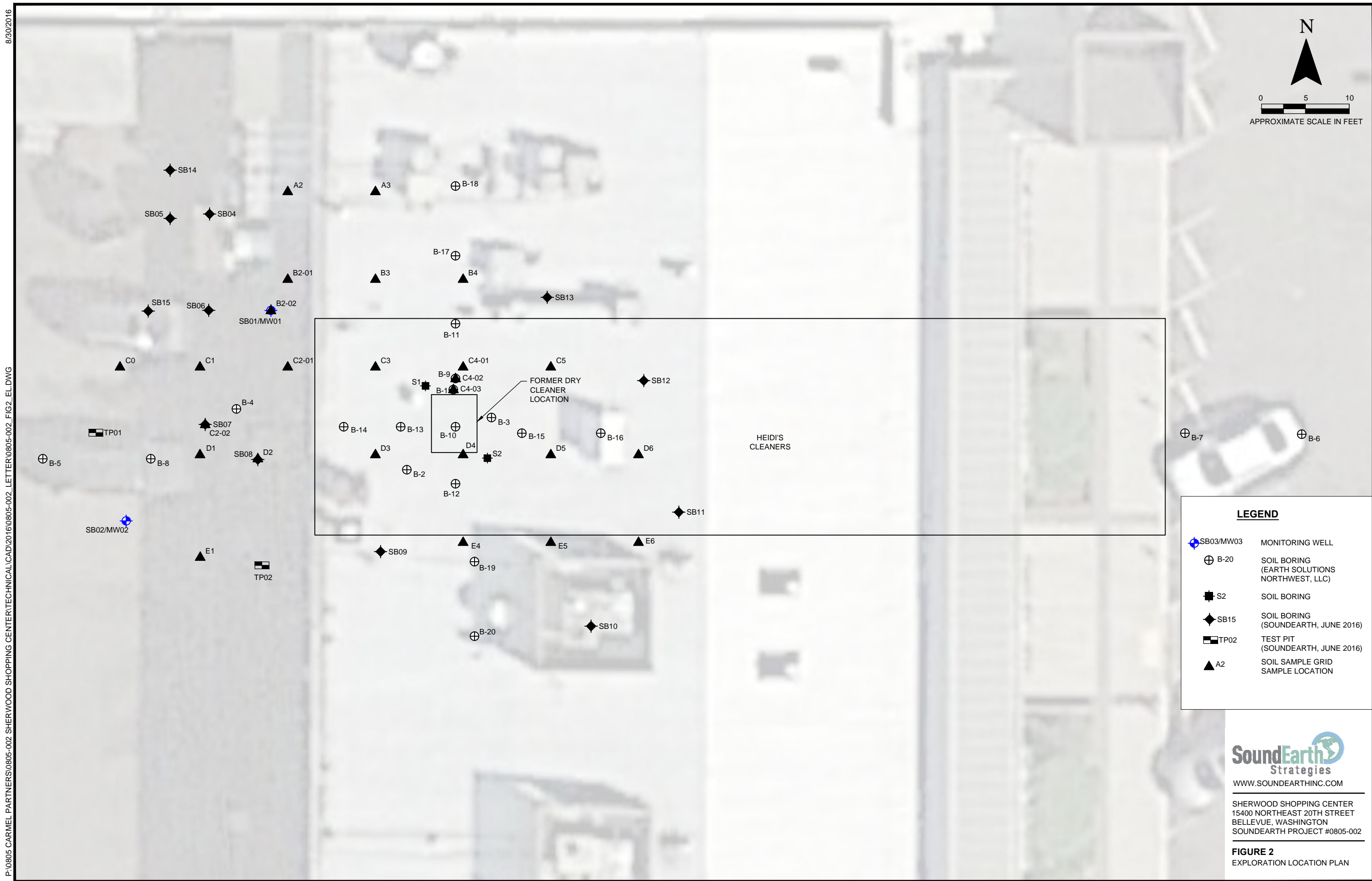
Friedman & Bruya, Inc. #606569

Friedman & Bruya, Inc. #607094

Friedman & Bruya, Inc. #607183 amended

CMS/JRF:rt/hsb

FIGURES

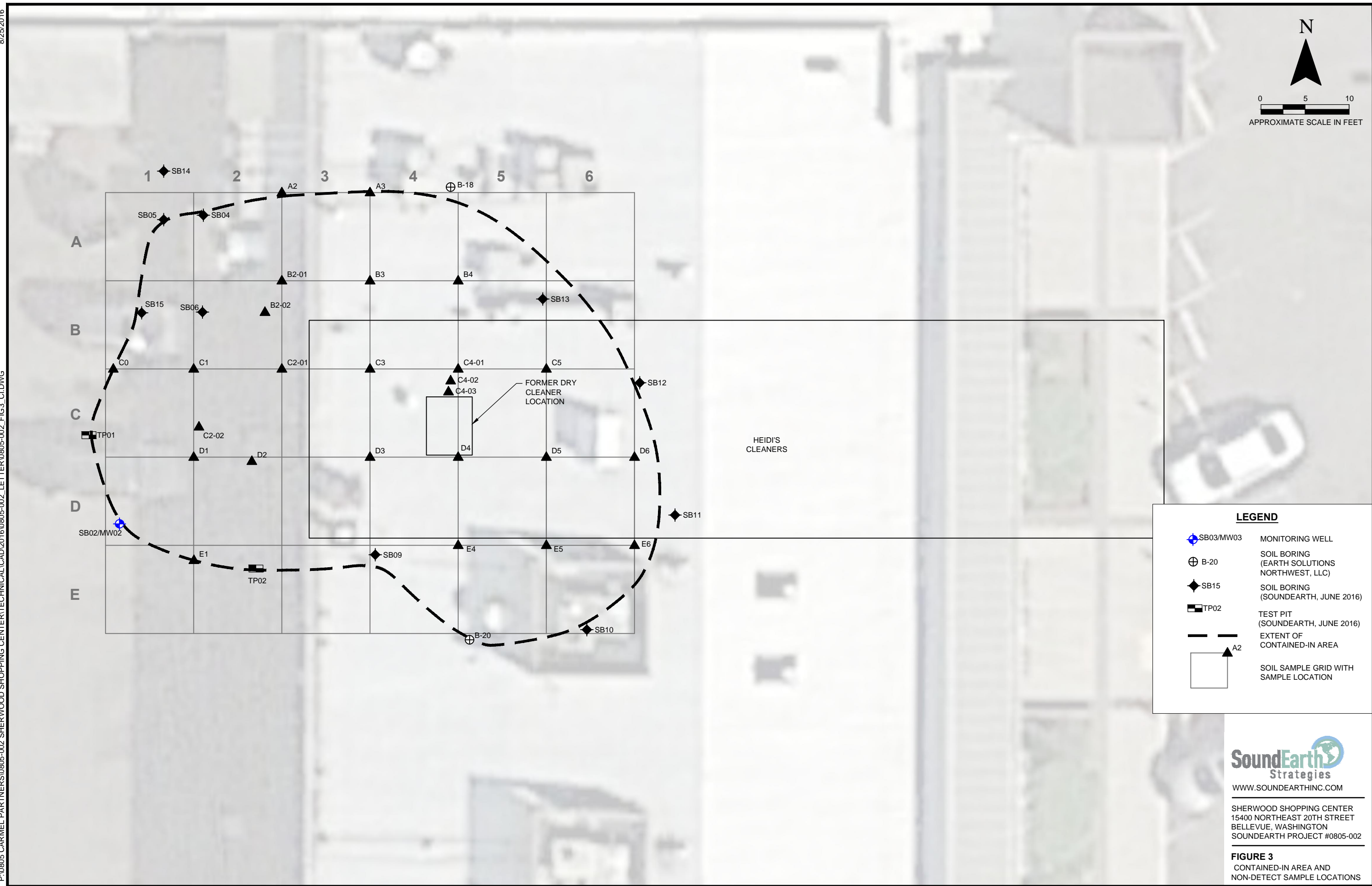


- LEGEND**
- SB03/MW03 MONITORING WELL
 - B-20 SOIL BORING (EARTH SOLUTIONS NORTHWEST, LLC)
 - S2 SOIL BORING
 - SB15 SOIL BORING (SOUNDEARTH, JUNE 2016)
 - TP02 TEST PIT (SOUNDEARTH, JUNE 2016)
 - A2 SOIL SAMPLE GRID SAMPLE LOCATION

SoundEarth Strategies
WWW.SOUNDEARTHINC.COM

SHERWOOD SHOPPING CENTER
15400 NORTHEAST 20TH STREET
BELLEVUE, WASHINGTON
SOUNDEARTH PROJECT #0805-002

FIGURE 2
EXPLORATION LOCATION PLAN



TABLES



Table 1
Summary of Soil Analytical Results for Volatile Organic Compounds
Prior to the Contained-In Excavation
Sherwood Shopping Center
15400 Northeast 20th Street
Bellevue, Washington

Sample Location	Sample ID	Sample Date	Sampled By	Laboratory	Sample Depth (feet bgs)	Analytical Results ⁽¹⁾ (milligrams per kilogram)							
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Acetone	1,2,4-Trimethylbenzene	2-Butanone	Naphthalene
S1	S1-1	11/05/05	KEE, LLC	FB&I	1	<0.05	<0.03	<0.05	<0.05	--	--	--	--
	S1-4				4	0.08	<0.03	<0.05	<0.05	--	--	--	--
S2	S2-1	11/05/05	KEE, LLC	FB&I	1	<0.05	<0.03	<0.05	<0.05	--	--	--	--
	S2-4				4	<0.05	<0.03	<0.05	<0.05	--	--	--	--
B-1	B-1@1.5	08/28/14	Earth Solutions	OnSite	1.5	0.015	ND	ND	ND	0.0040 ^Y	ND	ND	ND
	B-1@3.0				3	0.12	ND	ND	ND	ND	ND	ND	ND
	B-1@4.0				4	0.014	ND	ND	ND	ND	ND	ND	ND
	B-1@6.0				6	0.063	ND	ND	ND	ND	ND	ND	ND
B-2	B-2@1.5	08/28/14	Earth Solutions	OnSite	1.5	0.0013	ND	ND	ND	ND	ND	ND	ND
	B-2@3.0				3	0.0021	ND	ND	ND	ND	ND	ND	ND
	B-2@8.0				8	0.0019	ND	ND	ND	ND	ND	ND	ND
	B-2@10.0				10	ND	ND	ND	ND	ND	ND	ND	ND
B-3	B-3@1.5	08/28/14	Earth Solutions	OnSite	1.5	0.011	ND	ND	ND	ND	ND	ND	ND
	B-3@3.5				3.5	0.057	ND	ND	ND	ND	ND	ND	ND
	B-3@6.0				6	0.0072	ND	ND	ND	ND	ND	ND	ND
	B-3@8.5				8.5	ND	ND	ND	ND	ND	ND	ND	ND
B-4	B-4@3	08/28/14	Earth Solutions	OnSite	3	ND	0.0013	ND	ND	0.043 ^Y	ND	0.0042	ND
	B-4@6				6	ND	0.0017	0.021	0.0034	0.082 ^Y	ND	0.016	ND
	B-4@20				20	ND	ND	ND	ND	ND	ND	ND	ND
B-5	B-5@3	08/28/14	Earth Solutions	OnSite	3	ND	ND	ND	ND	0.040 ^Y	ND	0.0045	ND
	B-5@6				6	ND	ND	ND	ND	0.034 ^Y	ND	ND	ND
	B-5@20				20	ND	ND	ND	ND	ND	ND	ND	ND
B-6	B-6@5	08/28/14	Earth Solutions	OnSite	5	ND	ND	ND	ND	ND	ND	ND	ND
	B-6@10				10	ND	ND	ND	ND	0.0055 ^Y	ND	ND	ND
	B-6@20				20	ND	ND	ND	ND	ND	ND	ND	ND
B-9	B-9@1.5	02/23/16	Earth Solutions	OnSite	1.5	0.070	ND	ND	ND	ND	ND	ND	ND
	B-9@7.5				7.5	0.055	0.0078	ND	ND	0.021	ND	ND	ND
	B-9@15				15	ND	ND	ND	ND	ND	ND	ND	ND
	B-9@20				20	0.0012	ND	ND	ND	ND	ND	ND	ND
	B-9@30				30	0.0041	ND	ND	ND	ND	ND	ND	ND
B-10	B-10@1.5	02/23/16	Earth Solutions	OnSite	1.5	0.0092	ND	ND	ND	ND	ND	ND	ND
	B-10@7.5				7.5	0.0073	ND	ND	ND	ND	ND	ND	ND
	B-10@15				15	ND	ND	ND	ND	ND	ND	ND	ND
	B-10@20				20	ND	ND	ND	ND	ND	ND	ND	ND
	B-10@30				30	ND	ND	ND	ND	ND	ND	ND	ND
MTCA Cleanup Level						0.05 ⁽²⁾	0.03 ⁽²⁾	160 ⁽³⁾	1,600 ⁽³⁾	72,000 ⁽³⁾	NE	48,000 ⁽³⁾	5 ⁽²⁾



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						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Acetone	1,2,4-Trimethylbenzene	2-Butanone	Naphthalene	
B-11	B-11@1.5	02/24/16	Earth Solutions	OnSite	1.5	0.0065	ND	ND	ND	ND	ND	ND	ND	
	B-11@7.5				7.5	0.0050	ND	ND	ND	ND	ND	ND	ND	
	B-11@15				15	ND	ND	ND	ND	ND	ND	ND	ND	
	B-11@20				20	ND	ND	ND	ND	ND	ND	ND	ND	
	B-11@30				30	ND	ND	ND	ND	ND	ND	ND	ND	
B-12	B-12@1.5	02/23/16	Earth Solutions	OnSite	1.5	0.0035	ND	ND	ND	ND	ND	ND	ND	
	B-12@5				5	0.0074	ND	ND	ND	ND	ND	ND	ND	ND
	B-12@12.5				12.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B-12@20				20	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B-12@30				30	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-13	B-13@1.5	02/24/16	Earth Solutions	OnSite	1.5	0.0021	ND	ND	ND	ND	0.0011	ND	0.0012 ^y	
	B-13@7.5				7.5	0.0058	ND	ND	ND	0.013 ^y	ND	ND	ND	ND
	B-13@15				15	ND	ND	ND	ND	0.0069 ^y	ND	ND	ND	ND
	B-13@20				20	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B-13@30				30	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-14	B-14@1.5	02/24/16	Earth Solutions	OnSite	1.5	ND	ND	ND	ND	ND	ND	ND	ND	
	B-14@7.5				7.5	0.0042	ND	ND	ND	0.0066 ^y	ND	ND	ND	ND
	B-14@15				15	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B-14@20				20	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B-14@30				30	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-15	B-15@1.5	02/22/16	Earth Solutions	OnSite	1.5	0.0056	ND	ND	ND	ND	ND	ND	ND	
	B-15@5				5	0.0052	ND	ND	ND	ND	ND	ND	ND	ND
	B-15@12.5				12.5	0.0011	ND	ND	ND	ND	ND	ND	ND	ND
	B-15@20				20	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B-15@30				30	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-16	B-16@2.5	02/22/16	Earth Solutions	OnSite	2.5	0.0016	ND	ND	ND	ND	ND	ND	ND	
	B-16@7.5				7.5	ND	ND	ND	ND	0.018	ND	ND	ND	ND
	B-16@15				15	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B-16@20				20	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B-16@30				30	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-17	B-17@1.5	02/25/16	Earth Solutions	OnSite	1.5	0.0022	ND	ND	ND	ND	ND	ND	ND	
	B-17@15				15	ND	ND	ND	ND	0.031 ^y	ND	ND	ND	ND
	B-17@20				20	ND	ND	ND	ND	0.0054	ND	ND	ND	ND
	B-17@30				30	ND	ND	ND	ND	ND	ND	ND	ND	ND
MTCA Cleanup Level						0.05 ⁽²⁾	0.03 ⁽²⁾	160 ⁽³⁾	1,600 ⁽³⁾	72,000 ⁽³⁾	NE	48,000 ⁽³⁾	5 ⁽²⁾	



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						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Acetone	1,2,4-Trimethylbenzene	2-Butanone	Naphthalene
B-18	B-18@1.5	02/25/16	Earth Solutions	OnSite	1.5	ND	ND	ND	ND	ND	ND	ND	ND
	B-18@7.5				7.5	ND	ND	ND	ND	ND	ND	ND	
	B-18@15				15	ND	ND	ND	ND	0.015	ND	ND	ND
	B-18@30				30	ND	ND	ND	ND	ND	ND	ND	ND
B-19	B-19@1.5	02/26/16	Earth Solutions	OnSite	1.5	0.0012	ND	ND	ND	ND	ND	ND	ND
	B-19@7.5				7.5	0.0011	ND	ND	ND	ND	ND	ND	ND
	B-19@15				15	ND	ND	ND	ND	ND	ND	ND	ND
	B-19@20				20	ND	ND	ND	ND	ND	ND	ND	ND
	B-19@30				30	ND	ND	ND	ND	ND	ND	ND	ND
B-20	B-20@1.5	02/25/16	Earth Solutions	OnSite	1.5	ND	ND	ND	ND	ND	ND	ND	ND
	B-20@7.5				7.5	ND	ND	ND	ND	ND	ND	ND	ND
	B-20@15				15	ND	ND	ND	ND	0.0088 ^y	ND	ND	ND
	B-20@20				20	ND	ND	ND	ND	ND	ND	ND	ND
	B-20@30				30	ND	ND	ND	ND	ND	ND	ND	ND
SB01	SB01-05	04/05/16	SoundEarth	FB&I	5	0.13	0.024	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB01-10				10	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB01-15				15	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB01-20				20	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB01-30				30	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB01-55				55	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB01-70				70	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB01-85				85	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
SB02	SB02-05	04/06/16	SoundEarth	FB&I	5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB02-10				10	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB02-15				15	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB02-20				20	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB02-30				30	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB02-50				50	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB02-70				70	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB02-90				90	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
SB03	SB03-05	04/06/16	SoundEarth	FB&I	5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB03-10				10	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB03-15				15	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB03-20				20	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB03-30				30	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB03-45				45	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB03-70				70	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB03-90				90	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
MTCA Cleanup Level						0.05 ⁽²⁾	0.03 ⁽²⁾	160 ⁽³⁾	1,600 ⁽³⁾	72,000 ⁽³⁾	NE	48,000 ⁽³⁾	5 ⁽²⁾



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						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Acetone	1,2,4-Trimethylbenzene	2-Butanone	Naphthalene
SB04	SB04-05	06/23/16	SoundEarth	FB&I	5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB04-06				6	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB04-07.5				7.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
SB05	SB05-05	06/23/16	SoundEarth	FB&I	5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB05-06				6	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB05-07.5				7.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB05-12				12	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
SB06	SB06-05	06/23/16	SoundEarth	FB&I	5	<0.02	0.047	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB06-06				6	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB06-07.5				7.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB06-12				12	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
SB07	SB07-03	06/23/16	SoundEarth	FB&I	3	0.080	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB07-06				6	0.035	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB07-07.5				7.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB07-17				17	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
SB08	SB08-02.5	06/23/16	SoundEarth	FB&I	2.5	0.043	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB08-05				5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB08-06				6	0.088	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB08-07.5				7.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
SB09	SB09-01.5	06/24/16	SoundEarth	FB&I	1.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB09-05				5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB09-08				8	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB09-10				10	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
SB10	SB10-01.5	06/24/16	SoundEarth	FB&I	1.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB10-05				5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB10-07.5				7.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB10-10				10	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
SB11	SB11-02.5	06/24/16	SoundEarth	FB&I	2.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB11-05				5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB11-07.5				7.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB11-10				10	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
SB12	SB12-02.5	06/23/16	SoundEarth	FB&I	2.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB12-05				5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB12-07.5				7.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB12-10				10	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
MTCA Cleanup Level						0.05 ⁽²⁾	0.03 ⁽²⁾	160 ⁽³⁾	1,600 ⁽³⁾	72,000 ⁽³⁾	NE	48,000 ⁽³⁾	5 ⁽²⁾



Table 1
Summary of Soil Analytical Results for Volatile Organic Compounds
Prior to the Contained-In Excavation
Sherwood Shopping Center
15400 Northeast 20th Street
Bellevue, Washington

Sample Location	Sample ID	Sample Date	Sampled By	Laboratory	Sample Depth (feet bgs)	Analytical Results ⁽¹⁾ (milligrams per kilogram)							
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Acetone	1,2,4-Trimethylbenzene	2-Butanone	Naphthalene
SB13	SB13-01.5	06/23/16	SoundEarth	FB&I	1.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB13-05				5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB13-07.5				7.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB13-10				10	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
SB14	SB14-05	06/23/16	SoundEarth	FB&I	5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB14-06				6	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB14-07.5				7.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB14-12				12	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
SB15	SB15-05	06/23/16	SoundEarth	FB&I	5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB15-06				6	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB15-07.5				7.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	SB15-12				12	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
TP01	TP01-03	06/30/16	SoundEarth	FB&I	3	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	TP01-06				6	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	TP01-07.5				7.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
TP02	TP02-03	06/30/16	SoundEarth	FB&I	3	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	TP02-06				6	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	TP02-07.5				7.5	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
MTCA Cleanup Level						0.05 ⁽²⁾	0.03 ⁽²⁾	160 ⁽³⁾	1,600 ⁽³⁾	72,000 ⁽³⁾	NE	48,000 ⁽³⁾	5 ⁽²⁾

NOTES:

Only the VOCs detected above analytical laboratory reporting limits in at least one sample are listed out of the multiple VOCs analyzed.

Red denotes concentration exceeds the MTCA Cleanup Level.

⁽¹⁾ Analyzed by EPA Method 8260C.

⁽²⁾ MTCA Cleanup Regulation, Chapter 173-340-900 of WAC, Table 740-1 Method A Cleanup Levels for Soil, revised November 2007.

⁽³⁾ CLARC, Soil, Method B, Non Cancer, CLARC website - <<https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>>. Updated July 2015.

Laboratory Note:

^Y The calibration verification for this analyte exceeded the 20 percent 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.

-- = not analyzed

< = not detected at a concentration exceeding the laboratory reporting limit

bgs = below ground surface

CLARC = cleanup levels and risk calculations

DCE = dichloroethylene

Earth Solutions = Earth Solution NW LLC

EPA = Environmental Protection Agency

FB&I = Friedman & Bruya, Inc.

KEE, LLC = Key Engineering Environmental, LLC

MTCA = Washington State Model Toxics Control Act

ND = not detected above the laboratory practical quantitation limit

NE = not established

OnSite = OnSite Environmental Inc.

PCE = tetrachloroethylene

SoundEarth = SoundEarth Strategies, Inc.

TCE = trichloroethylene

TP = test pit

VOC = volatile organic compound

WAC = Washington Administrative Code



Table 2
Summary of Soil Analytical Results for Volatile Organic Compounds
During the Contained-In Excavation
Sherwood Shopping Center
15400 Northeast 20th Street
Bellevue, Washington

Sample Location	Sample ID	Sample Date	Sampled By	Laboratory	Sample Depth (feet bgs)	Analytical Results ⁽¹⁾ (milligrams per kilogram)							
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Acetone	1,2,4-Trimethylbenzene	2-Butanone	Naphthalene
A2	A2-NSW-03	07/13/16	SoundEarth	FB&I	3	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	A2-NSW-06				6	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	A2-BTM-07				7	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
A3	A3-NSW-03	07/08/16	SoundEarth	FB&I	3	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	A3-NSW-06				6	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	A3-NSW-09				9	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	A3-BTM-11				11	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
B2-01	B2-BTM-01-07	07/13/16	SoundEarth	FB&I	7	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
B2-02	B2-BTM-02-07	07/13/16	SoundEarth	FB&I	7	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
B3	B3-BTM-11	07/08/16	SoundEarth	FB&I	11	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
B4	B4-BTM-11	07/08/16	SoundEarth	FB&I	11	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
C0	C0-WSW-03	07/13/16	SoundEarth	FB&I	3	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	C0-WSW-06				6	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	C0-BTM-07				7	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
C1	C1-BTM-07	07/13/16	SoundEarth	FB&I	7	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
C2-01	C2-BTM-01-07	07/13/16	SoundEarth	FB&I	7	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
C2-02	C2-BTM-02-07	07/13/16	SoundEarth	FB&I	7	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
C3	C3-BTM-11	07/08/16	SoundEarth	FB&I	11	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
C4-01	C4-BTM-01-11	07/08/16	SoundEarth	FB&I	11	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
C4-02	C4-BTM-02-11	07/08/16	SoundEarth	FB&I	11	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
C4-03	C4-BTM-03-11	07/08/16	SoundEarth	FB&I	11	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
C5	C5-BTM-11	07/08/16	SoundEarth	FB&I	11	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
D1	D1-BTM-07	07/13/16	SoundEarth	FB&I	7	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
D2	D2-BTM-07	07/13/16	SoundEarth	FB&I	7	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
D3	D3-BTM-11	07/08/16	SoundEarth	FB&I	11	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
D4	D4-BTM-11	07/08/16	SoundEarth	FB&I	11	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
D5	D5-BTM-11	07/08/16	SoundEarth	FB&I	11	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
D6	D6-BTM-11	07/08/16	SoundEarth	FB&I	11	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
MTCA Cleanup Level						0.05 ⁽²⁾	0.03 ⁽²⁾	160 ⁽³⁾	1,600 ⁽³⁾	72,000 ⁽³⁾	NE	48,000 ⁽³⁾	5 ⁽²⁾



Table 2
Summary of Soil Analytical Results for Volatile Organic Compounds
During the Contained-In Excavation
Sherwood Shopping Center
15400 Northeast 20th Street
Bellevue, Washington

Sample Location	Sample ID	Sample Date	Sampled By	Laboratory	Sample Depth (feet bgs)	Analytical Results ⁽¹⁾ (milligrams per kilogram)							
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Acetone	1,2,4-Trimethylbenzene	2-Butanone	Naphthalene
E1	E1-SSW-03	07/13/16	SoundEarth	FB&I	3	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	E1-SSW-06				6	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
	E1-BTM-07				7	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
E4	E4-BTM-11	07/08/16	SoundEarth	FB&I	11	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
E5	E5-BTM-11	07/08/16	SoundEarth	FB&I	11	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
E6	E6-BTM-11	07/08/16	SoundEarth	FB&I	11	<0.02	<0.02	<0.05	<0.05	<0.5	<0.05	<0.5	<0.05
MTCA Cleanup Level						0.05 ⁽²⁾	0.03 ⁽²⁾	160 ⁽³⁾	1,600 ⁽³⁾	72,000 ⁽³⁾	NE	48,000 ⁽³⁾	5 ⁽²⁾

NOTES:

Only the VOCs detected above analytical laboratory reporting limits in at least one sample on the Property are listed out of the multiple VOCs analyzed.

⁽¹⁾Analyzed by U.S. Environmental Protection Agency Method 8260C.

⁽²⁾MTCA Cleanup Regulation, Chapter 173-340-900 of WAC, Table 740-1 Method A Cleanup Levels for Soil, revised November 2007.

⁽³⁾CLARC, Soil, Method B, Non Cancer, CLARC website - <<https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>>. Updated July 2015.

< = not detected at a concentration exceeding the laboratory reporting limit

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PCE = tetrachloroethylene

SoundEarth = SoundEarth Strategies, Inc.

TCE = trichloroethylene

VOC = volatile organic compound

WAC = Washington Administrative Code

ATTACHMENT A
ECOLOGY CONTAINED-IN APPROVAL LETTERS



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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May 12, 2016

CP V Sherwood, LLC
Attn: Frank Striegl, Carmel Partners
701 5th Avenue, Suite 4200
Seattle, WA 98104

Re: Contained-in determination for investigation-derived waste (IDW) and contaminated soils from the Sherwood Shopping Center, 15400 Northeast 20th Street, Bellevue, WA

Reference: 1. Letter Report from C. Schaumberg (SoundEarth Strategies) to B. Maeng, Department of Ecology, dated April 20, 2016.
2. Email Report from C. Schaumberg (SoundEarth Strategies) to M. Collins, Department of Ecology, dated May 9, 2016.

Dear Mr. Striegl:

The Washington State Department of Ecology (Ecology) received a contained-in determination request from your environmental consultant, SoundEarth Strategies, for sixty six (66) 55-gallon drums of IDW soils and approximately 1,750 tons of soils to be excavated from the Sherwood Shopping Center located at 15400 Northeast 20th Street, Bellevue, Washington. Analytical data and supplemental information were submitted to Ecology to determine if these soils contaminated with listed dangerous waste constituents (F002) may be exempt from management as dangerous wastes per the "Contained-In Policy"¹.

Based on the information received and reviewed, Ecology has determined that IDW soils described above and 1,750 tons of soil that will be generated during excavation of "Remediation Area 1," depicted within a yellow oval on the revised figure (submitted via email, May 9) are contaminated with F002 listed dangerous waste constituents at concentrations that do not warrant management as dangerous wastes. Ecology understands that these contaminated soils do not designate under federal characteristics (WAC 173-303-090) or State-only criteria (WAC 173-303-100).

Ecology will not require disposal of these soils as listed dangerous wastes at a RCRA permitted dangerous waste treatment, storage and disposal (TSD) facility, provided that all of the following conditions are implemented. This contained-in determination applies only to the contaminated soils, and does not pertain to contaminated water or any mixture of contaminated soils and drilling fluids.

You or your environmental consultant, SoundEarth Strategies, shall:

¹ Washington State Department of Ecology Contained-in Policy, dated February 19, 1993



- Ensure that no standing water is present within each of the drums holding the contaminated soils. All water must be removed to the maximum extent possible from each of the drums and managed as F002 dangerous wastes or as otherwise allowed under Chapter 173-303 WAC;
- Directly deliver the soils to a solid waste landfill permitted under WAC 173-351 in Washington State, such as Roosevelt Regional Landfill in Klickitat County or Greater Wenatchee Landfill in East Wenatchee, or a landfill permitted under RCRA Subtitle D outside the Washington State, such as Columbia Ridge Landfill in Arlington, OR. Do not consolidate these contaminated soils with other soils that do not pertain to this contained-in determination;
- Dispose of the contaminated soils at a permitted solid waste landfill by July 31, 2016. This contained-in determination letter is no longer valid after July 31, 2016 and the contaminated soils must be managed as dangerous wastes after this date;
- Notify Ecology before disposal of the soil if the amount exceeds the approved amount in this letter. Ecology needs to make sure that the additional soil qualifies for this contained-in determination;
- Provide copies of all signed solid waste landfill receipts or a certificate of disposal issued by the receiving landfill for these contaminated soils to Ecology, attention of Byung Maeng, within 15 days of your receipt. This is an important verification step for you and your consultant to follow in order for this Ecology decision to be valid;
- Take measures to prevent unauthorized contact with these soils at all times;
- Plastic line the delivery truck and cover all loads if delivered by truck;
- During transport, take adequate measures to prevent spills and dispersion due to wind erosion;
- Provide instructions to the landfill operator that these soils are not to be used for daily, intermediate, or final cover;
- Provide copies of all soil analytical data to the landfill operator, upon request; and
- Do not send these contaminated soils to any incinerator, thermal desorption unit or recycling facility unless that facility is a RCRA Subtitle C permitted dangerous waste TSD facility.

Ecology issued this determination based on the information provided and reviewed to date. This written decision only applies to the specified 66 drums of soils generated during the investigation activities and excavated soils from the area depicted in your revised figure attached, and does not apply to any area outside the area depicted in your revised request. It also does not apply to any other media. Any data used for this contained-in determination is intended for use in determining the proper disposal of the 66 drums of soil and 1,750 tons of excavated soils according to the Washington State Dangerous Waste Regulations (Chapter 173-30 WAC) and Ecology Contained-in Policy.

This letter is not a No Further Action (NFA) letter and not written approval for any cleanup action plan you may have submitted. Instead, this letter only addresses the procedures for disposal of the contaminated soils according to the Washington State Dangerous Waste Regulations (Chapter 173-303 WAC). Regulatory decisions regarding the cleanup action,

Mr. Frank Striegl
May 12, 2016
Page 3 of 3

applicable soil and groundwater cleanup levels and any other cleanup issues must comply with the requirements under Ecology Model Toxics Control Act (Chapter 173-340 WAC).

Local agencies may have the authority to impose additional requirements on this waste stream.

If you fail to comply with the terms of this letter, Ecology may issue an administrative order and/or penalty as provided by the Revised Code of Washington, Sections 70.105.080 and/or .095 (Hazardous Waste Management Act).

If you have any questions concerning this letter, please contact Byung Maeng (425) 649-7253, bmae461@ecy.wa.gov).

Sincerely,



Byung Maeng, PE
Hazardous Waste and Toxics Reduction Program

Attachment: Figure: Soil Sample Locations

By certified mail: 9171 9690 0935 0106 9636 33

e-cc: Courtney Schaumberg, SoundEarth Strategies (cschaumberg@soundearthinc.com)
Lisa Brown, Ecology-ERO
Greg Caron, Ecology-CRO
Dean Yasuda, Ecology – NWRO
Byung Maeng, Ecology-NWRO
Mindy Collins, Ecology - BFO
Chuck Hoffman, Ecology-SWRO
David Christensen, Seattle-King County Public Health (david.christensen@kingcounty.gov)
Darshan Dhillon, Seattle-King County Public Health (darshan.dhillon@kingcounty.gov)



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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July 12, 2016

CP V Sherwood, LLC
Attn: Frank Striegl, Carmel Partners
701 5th Avenue, Suite 4200
Seattle, WA 98104

Re: Addendum to Ecology Contained-in Determination Letter for Soils from Sherwood Shopping Center in Bellevue, Washington

Reference: 1. Ecology Contained-in Determination Letter to Frank Striegl, CP V Sherwood, LLC, dated May 12, 2016 (Certified Mail: 9171 9690 0935 0106 9636 33)
2. Electronic Mail from Courtney Schaumberg, SoundEarth Strategies, Inc. to Byung Maeng, Department of Ecology on July 7, 2016

Dear Mr. Striegl:

This letter is an addendum to the May 12, 2016 Department of Ecology (Ecology) contained-in determination letter (Reference 1).

SoundEarth Strategies, on behalf of CP V Sherwood, LLC, requested an Ecology approval for disposal of additional 490 tons of soils under the contained-in determination in the previously approved Ecology letter. Ecology reviewed additional information for 490 tons of soils submitted by SoundEarth Strategies (Reference 2), and approves this request.

Please note that you are required to provide copies of all signed solid waste landfill receipts or a certificate of disposal issued by the receiving landfill for these contaminated soils to Ecology, attention of Byung Maeng, within 15 days of your receipt.

If you have any questions concerning this letter, please contact me at (425) 649-7253 or bmae461@ecy.wa.gov.

Sincerely,

Byung Maeng, RE
Hazardous Waste and Toxics Reduction Program

By certified mail: 9171 9690 0935 0106 9637 63

e-cc: Courtney Schaumberg, SoundEarth Strategies (cschaumberg@soundearthinc.com)
Mindy Collins, Ecology-BFO
David Christensen, Seattle-King County Public Health (david.christensen@kingcounty.gov)



ATTACHMENT B
LABORATORY ANALYTICAL REPORTS

OnSite Environmental, Inc. #1408-254



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

August 29, 2014

Megan E. Poysnick
Earth Solutions NW
1805 136th Place NE, Suite #201
Bellevue, WA 98005

Re: Analytical Data for Project ES-3472.02
Laboratory Reference No. 1408-254

Dear Megan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 28, 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 'DeB' followed by a stylized flourish.

David Baumeister
Project Manager

Enclosures

Date of Report: August 29, 2014
Samples Submitted: August 28, 2014
Laboratory Reference: 1408-254
Project: ES-3472.02

Case Narrative

Samples were collected on August 28, 2014 and received by the laboratory on August 28, 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 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 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

VOLATILES EPA 8260C
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-1 @ 1.5'					
Laboratory ID:	08-254-01					
Dichlorodifluoromethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Acetone	0.0040	0.0034	EPA 8260C	8-28-14	8-28-14	Y
Iodomethane	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0044	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-1 @ 1.5'					
Laboratory ID:	08-254-01					
1,1,2-Trichloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	0.015	0.00067	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
<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>99</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

VOLATILES EPA 8260C

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-1 @ 3.0'					
Laboratory ID:	08-254-02					
Dichlorodifluoromethane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0038	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0038	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	0.0038	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	0.0038	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0038	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0038	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0038	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0051	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0038	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0038	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

VOLATILES EPA 8260C
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-1 @ 3.0'					
Laboratory ID:	08-254-02					
1,1,2-Trichloroethane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	0.12	0.00077	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0038	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0015	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0038	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0038	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.00077	EPA 8260C	8-28-14	8-28-14	
<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>100</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

VOLATILES EPA 8260C

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-1 @ 4.0'					
Laboratory ID:	08-254-03					
Dichlorodifluoromethane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

VOLATILES EPA 8260C
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-1 @ 4.0'					
Laboratory ID:	08-254-03					
1,1,2-Trichloroethane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	0.014	0.00073	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0015	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.00073	EPA 8260C	8-28-14	8-28-14	
<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>100</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-1 @ 6.0'					
Laboratory ID:	08-254-04					
Dichlorodifluoromethane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0033	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0033	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	0.0033	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	0.0033	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0033	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0033	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0033	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0044	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0033	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0033	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	

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 Project: ES-3472.02

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-1 @ 6.0'					
Laboratory ID:	08-254-04					
1,1,2-Trichloroethane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	0.063	0.00066	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0033	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0033	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0033	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.00066	EPA 8260C	8-28-14	8-28-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>91</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>91</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>96</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-2 @ 1.5'					
Laboratory ID:	08-254-05					
Dichlorodifluoromethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0044	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-2 @ 1.5'					
Laboratory ID:	08-254-05					
1,1,2-Trichloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	0.0013	0.00067	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.00067	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>108</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-2 @ 3.0'					
Laboratory ID:	08-254-06					
Dichlorodifluoromethane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0029	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0029	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	0.0029	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	0.0029	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0029	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0029	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0029	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0038	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0029	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0029	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	

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 Samples Submitted: August 28, 2014
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-2 @ 3.0'					
Laboratory ID:	08-254-06					
1,1,2-Trichloroethane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	0.0021	0.00058	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0029	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0029	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0029	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.00058	EPA 8260C	8-28-14	8-28-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>94</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>96</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-2 @ 8.0'					
Laboratory ID:	08-254-07					
Dichlorodifluoromethane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0028	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0028	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	0.0028	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	0.0028	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0028	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0028	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0028	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0037	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0028	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0028	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	

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 Project: ES-3472.02

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-2 @ 8.0'					
Laboratory ID:	08-254-07					
1,1,2-Trichloroethane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	0.0019	0.00055	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0028	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0011	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0028	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0028	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.00055	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.00055	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>65-129</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-2 @ 10.0'					
Laboratory ID:	08-254-08					
Dichlorodifluoromethane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0031	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0031	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	0.0031	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	0.0031	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0031	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0031	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0031	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0040	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0031	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0031	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-2 @ 10.0'					
Laboratory ID:	08-254-08					
1,1,2-Trichloroethane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0031	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0031	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0031	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.00061	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.00061	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>101</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>108</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-3 @ 1.5'					
Laboratory ID:	08-254-09					
Dichlorodifluoromethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0044	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	

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 Samples Submitted: August 28, 2014
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 Project: ES-3472.02

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-3 @ 1.5'					
Laboratory ID:	08-254-09					
1,1,2-Trichloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	0.011	0.00067	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0013	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0034	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.00067	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.00067	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>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: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-3 @ 3.5'					
Laboratory ID:	08-254-10					
Dichlorodifluoromethane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	

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 Project: ES-3472.02

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-3 @ 3.5'					
Laboratory ID:	08-254-10					
1,1,2-Trichloroethane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	0.057	0.00071	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0014	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.00071	EPA 8260C	8-28-14	8-28-14	
<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>100</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-3 @ 6.0'					
Laboratory ID:	08-254-11					
Dichlorodifluoromethane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0030	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0030	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	0.0030	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	0.0030	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0030	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0030	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0030	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0040	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0030	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0030	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-3 @ 6.0'					
Laboratory ID:	08-254-11					
1,1,2-Trichloroethane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	0.0072	0.00060	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0030	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0012	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0030	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0030	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.00060	EPA 8260C	8-28-14	8-28-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>91</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>92</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

VOLATILES EPA 8260C

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-3 @ 8.5'					
Laboratory ID:	08-254-12					
Dichlorodifluoromethane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Chloromethane	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Vinyl Chloride	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Bromomethane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Chloroethane	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Trichlorofluoromethane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Acetone	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Iodomethane	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Carbon Disulfide	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Methylene Chloride	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
(trans) 1,2-Dichloroethene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Methyl t-Butyl Ether	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloroethane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Vinyl Acetate	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
2,2-Dichloropropane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
(cis) 1,2-Dichloroethene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
2-Butanone	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Bromochloromethane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Chloroform	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,1,1-Trichloroethane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Carbon Tetrachloride	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,1-Dichloropropene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Benzene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloroethane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Trichloroethene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,2-Dichloropropane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Dibromomethane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Bromodichloromethane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260C	8-28-14	8-28-14	
(cis) 1,3-Dichloropropene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Methyl Isobutyl Ketone	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Toluene	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
(trans) 1,3-Dichloropropene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
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 Project: ES-3472.02

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-3 @ 8.5'					
Laboratory ID:	08-254-12					
1,1,2-Trichloroethane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Tetrachloroethene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,3-Dichloropropane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
2-Hexanone	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Dibromochloromethane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromoethane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Chlorobenzene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,1,1,2-Tetrachloroethane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Ethylbenzene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
m,p-Xylene	ND	0.0014	EPA 8260C	8-28-14	8-28-14	
o-Xylene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Styrene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Bromoform	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Isopropylbenzene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Bromobenzene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,1,2,2-Tetrachloroethane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichloropropane	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
n-Propylbenzene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
2-Chlorotoluene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
4-Chlorotoluene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,3,5-Trimethylbenzene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
tert-Butylbenzene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trimethylbenzene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
sec-Butylbenzene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,3-Dichlorobenzene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
p-Isopropyltoluene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,4-Dichlorobenzene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,2-Dichlorobenzene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
n-Butylbenzene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,2-Dibromo-3-chloropropane	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
1,2,4-Trichlorobenzene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
Hexachlorobutadiene	ND	0.0036	EPA 8260C	8-28-14	8-28-14	
Naphthalene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
1,2,3-Trichlorobenzene	ND	0.00072	EPA 8260C	8-28-14	8-28-14	
<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>104</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

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: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

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	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	104	65-129				
Toluene-d8	104	77-122				
4-Bromofluorobenzene	108	73-124				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-254
 Project: ES-3472.02

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	Limit			
SPIKE BLANKS										
Laboratory ID:	SB0828S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0465	0.0484	0.0500	0.0500	93	97	56-141	4	15	
Benzene	0.0486	0.0488	0.0500	0.0500	97	98	70-121	0	15	
Trichloroethene	0.0484	0.0493	0.0500	0.0500	97	99	74-118	2	15	
Toluene	0.0473	0.0470	0.0500	0.0500	95	94	75-120	1	15	
Chlorobenzene	0.0460	0.0463	0.0500	0.0500	92	93	75-120	1	15	
Surrogate:										
Dibromofluoromethane					95	95	65-129			
Toluene-d8					94	95	77-122			
4-Bromofluorobenzene					100	100	73-124			

Date of Report: August 29, 2014
Samples Submitted: August 28, 2014
Laboratory Reference: 1408-254
Project: ES-3472.02

% MOISTURE

Date Analyzed: 8-28-14

Client ID	Lab ID	% Moisture
B-1 @ 1.5'	08-254-01	9
B-1 @ 3.0'	08-254-02	11
B-1 @ 4.0'	08-254-03	12
B-1 @ 6.0'	08-254-04	12
B-2 @ 1.5'	08-254-05	9
B-2 @ 3.0'	08-254-06	11
B-2 @ 8.0'	08-254-07	13
B-2 @ 10.0'	08-254-08	8
B-3 @ 1.5'	08-254-09	11
B-3 @ 3.5'	08-254-10	12
B-3 @ 6.0'	08-254-11	13
B-3 @ 8.5'	08-254-12	8



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

Chain of Custody

Laboratory Number:

08-254

Company: **EARTH SOLUTIONS NW**
Project Number: **ES-3472.02**
Project Name: **Sherwood Shopping Center**
Project Manager: **MEGAN POYSNICK**
Sampled by: **TED SYKES**

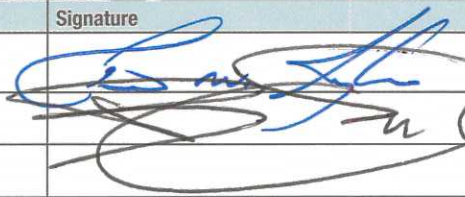

**Turnaround Request
(in working days)**

(Select One)

- ☐ Same Day ☒ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
(TPH analysis 5 Days)
☐ _____ (other)

Number of Containers

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	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
1	B-1 G 1.5'	8/28/14		Soil	4				X												X
2	B-1 G 3.0'				4				X												X
3	B-1 G 4.0'				4				X												X
4	B-1 G 6.0'				4				X												X
5	B-2 G 1.5'				4				X												X
6	B-2 G 3.0'				4				X												X
7	B-2 G 8.0'				4				X												X
8	B-2 G 10.0'				4				X												X
9	B-3 G 1.5'				4				X												X
10	B-3 G 3.5'				4				X												X

Signature	Company	Date	Time	Comments/Special Instructions
	ESNW	8/28/14	1212	
	ESNW	8/28/14	1212	
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date	Chromatograms with final report <input type="checkbox"/>		





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

Page 2 of 2

08-254

Company: EARTH SOLUTIONS NW
Project Number: ES-3472.02
Project Name: SHEERWOOD SHOPPING CENTER
Project Manager: MEGAN POYSNICK
Sampled by: TOO SYKES

[illegible]

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		ESNW	8/28/14	1212	
Received		ESNW	8/28/14	1212	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date	Reviewed/Date		Chromatograms with final report <input type="checkbox"/>		

OnSite Environmental, Inc. #1408-258



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

August 29, 2014

Megan E. Poysnick
Earth Solutions NW
1805 136th Place NE, Suite #201
Bellevue, WA 98005

Re: Analytical Data for Project ES-3472.02
Laboratory Reference No. 1408-258

Dear Megan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 28, 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: August 29, 2014
Samples Submitted: August 28, 2014
Laboratory Reference: 1408-258
Project: ES-3472.02

Case Narrative

Samples were collected on August 28, 2014 and received by the laboratory on August 28, 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 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 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-258
 Project: ES-3472.02

VOLATILES EPA 8260C

page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-4 @ 3'					
Laboratory ID:	08-258-01					
Dichlorodifluoromethane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Chloromethane	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
Vinyl Chloride	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Bromomethane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Chloroethane	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
Trichlorofluoromethane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Acetone	0.043	0.0039	EPA 8260C	8-29-14	8-29-14	Y
Iodomethane	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
Carbon Disulfide	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Methylene Chloride	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
(trans) 1,2-Dichloroethene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Methyl t-Butyl Ether	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Vinyl Acetate	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
2,2-Dichloropropane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
(cis) 1,2-Dichloroethene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
2-Butanone	0.0042	0.0039	EPA 8260C	8-29-14	8-29-14	
Bromochloromethane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Chloroform	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,1,1-Trichloroethane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Carbon Tetrachloride	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloropropene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Benzene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloroethane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Trichloroethene	0.0013	0.00078	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloropropane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Dibromomethane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Bromodichloromethane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
2-Chloroethyl Vinyl Ether	ND	0.0056	EPA 8260C	8-29-14	8-29-14	
(cis) 1,3-Dichloropropene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Methyl Isobutyl Ketone	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
Toluene	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
(trans) 1,3-Dichloropropene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-258
 Project: ES-3472.02

VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-4 @ 3'					
Laboratory ID:	08-258-01					
1,1,2-Trichloroethane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Tetrachloroethene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,3-Dichloropropane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
2-Hexanone	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
Dibromochloromethane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromoethane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Chlorobenzene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,1,1,2-Tetrachloroethane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Ethylbenzene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
m,p-Xylene	ND	0.0016	EPA 8260C	8-29-14	8-29-14	
o-Xylene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Styrene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Bromoform	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Isopropylbenzene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Bromobenzene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,1,2,2-Tetrachloroethane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichloropropane	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
n-Propylbenzene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
2-Chlorotoluene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
4-Chlorotoluene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,3,5-Trimethylbenzene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
tert-Butylbenzene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trimethylbenzene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
sec-Butylbenzene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,3-Dichlorobenzene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
p-Isopropyltoluene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,4-Dichlorobenzene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,2-Dichlorobenzene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
n-Butylbenzene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromo-3-chloropropane	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trichlorobenzene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
Hexachlorobutadiene	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
Naphthalene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichlorobenzene	ND	0.00078	EPA 8260C	8-29-14	8-29-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>94</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>96</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-258
 Project: ES-3472.02

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-4 @ 6'					
Laboratory ID:	08-258-02					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Chloromethane	ND	0.0055	EPA 8260C	8-29-14	8-29-14	
Vinyl Chloride	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Bromomethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Chloroethane	ND	0.0055	EPA 8260C	8-29-14	8-29-14	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Acetone	0.082	0.0055	EPA 8260C	8-29-14	8-29-14	Y
Iodomethane	ND	0.0055	EPA 8260C	8-29-14	8-29-14	
Carbon Disulfide	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Methylene Chloride	ND	0.0055	EPA 8260C	8-29-14	8-29-14	
(trans) 1,2-Dichloroethene	0.0034	0.0011	EPA 8260C	8-29-14	8-29-14	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Vinyl Acetate	ND	0.0055	EPA 8260C	8-29-14	8-29-14	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
(cis) 1,2-Dichloroethene	0.021	0.0011	EPA 8260C	8-29-14	8-29-14	
2-Butanone	0.016	0.0055	EPA 8260C	8-29-14	8-29-14	
Bromochloromethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Chloroform	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Benzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Trichloroethene	0.0017	0.0011	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Dibromomethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Bromodichloromethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
2-Chloroethyl Vinyl Ether	ND	0.0080	EPA 8260C	8-29-14	8-29-14	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Methyl Isobutyl Ketone	ND	0.0055	EPA 8260C	8-29-14	8-29-14	
Toluene	ND	0.0055	EPA 8260C	8-29-14	8-29-14	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-258
 Project: ES-3472.02

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-4 @ 6'					
Laboratory ID:	08-258-02					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Tetrachloroethene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
2-Hexanone	ND	0.0055	EPA 8260C	8-29-14	8-29-14	
Dibromochloromethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Chlorobenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Ethylbenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
m,p-Xylene	ND	0.0022	EPA 8260C	8-29-14	8-29-14	
o-Xylene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Styrene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Bromoform	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Isopropylbenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Bromobenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
n-Propylbenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
2-Chlorotoluene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
4-Chlorotoluene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
tert-Butylbenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
sec-Butylbenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
n-Butylbenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromo-3-chloropropane	ND	0.0055	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Hexachlorobutadiene	ND	0.0055	EPA 8260C	8-29-14	8-29-14	
Naphthalene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
<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>101</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-258
 Project: ES-3472.02

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-4 @ 20'					
Laboratory ID:	08-258-03					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Chloromethane	ND	0.0052	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	0.0052	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	0.0052	EPA 8260C	8-29-14	8-29-14	
Iodomethane	ND	0.0052	EPA 8260C	8-29-14	8-29-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	8-29-14	8-29-14	
Methylene Chloride	ND	0.0052	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	0.0052	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	0.0052	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	0.0074	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	0.0052	EPA 8260C	8-29-14	8-29-14	
Toluene	ND	0.0052	EPA 8260C	8-29-14	8-29-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-29-14	8-29-14	

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 Samples Submitted: August 28, 2014
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 Project: ES-3472.02

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-4 @ 20'					
Laboratory ID:	08-258-03					
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	0.0052	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	0.0021	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	0.0052	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	0.0052	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>98</i>	<i>65-129</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>107</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-258
 Project: ES-3472.02

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-5 @ 3'					
Laboratory ID:	08-258-04					
Dichlorodifluoromethane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Chloromethane	ND	0.0045	EPA 8260C	8-29-14	8-29-14	
Vinyl Chloride	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Bromomethane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Chloroethane	ND	0.0045	EPA 8260C	8-29-14	8-29-14	
Trichlorofluoromethane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Acetone	0.040	0.0045	EPA 8260C	8-29-14	8-29-14	Y
Iodomethane	ND	0.0045	EPA 8260C	8-29-14	8-29-14	
Carbon Disulfide	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Methylene Chloride	ND	0.0045	EPA 8260C	8-29-14	8-29-14	
(trans) 1,2-Dichloroethene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Methyl t-Butyl Ether	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Vinyl Acetate	ND	0.0045	EPA 8260C	8-29-14	8-29-14	
2,2-Dichloropropane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
(cis) 1,2-Dichloroethene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
2-Butanone	0.0045	0.0045	EPA 8260C	8-29-14	8-29-14	
Bromochloromethane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Chloroform	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,1,1-Trichloroethane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Carbon Tetrachloride	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloropropene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Benzene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloroethane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Trichloroethene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloropropane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Dibromomethane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Bromodichloromethane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
2-Chloroethyl Vinyl Ether	ND	0.0065	EPA 8260C	8-29-14	8-29-14	
(cis) 1,3-Dichloropropene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Methyl Isobutyl Ketone	ND	0.0045	EPA 8260C	8-29-14	8-29-14	
Toluene	ND	0.0045	EPA 8260C	8-29-14	8-29-14	
(trans) 1,3-Dichloropropene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-258
 Project: ES-3472.02

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-5 @ 3'					
Laboratory ID:	08-258-04					
1,1,2-Trichloroethane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Tetrachloroethene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,3-Dichloropropane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
2-Hexanone	ND	0.0045	EPA 8260C	8-29-14	8-29-14	
Dibromochloromethane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromoethane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Chlorobenzene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,1,1,2-Tetrachloroethane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Ethylbenzene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
m,p-Xylene	ND	0.0018	EPA 8260C	8-29-14	8-29-14	
o-Xylene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Styrene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Bromoform	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Isopropylbenzene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Bromobenzene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,1,2,2-Tetrachloroethane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichloropropane	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
n-Propylbenzene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
2-Chlorotoluene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
4-Chlorotoluene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,3,5-Trimethylbenzene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
tert-Butylbenzene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trimethylbenzene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
sec-Butylbenzene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,3-Dichlorobenzene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
p-Isopropyltoluene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,4-Dichlorobenzene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,2-Dichlorobenzene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
n-Butylbenzene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromo-3-chloropropane	ND	0.0045	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trichlorobenzene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
Hexachlorobutadiene	ND	0.0045	EPA 8260C	8-29-14	8-29-14	
Naphthalene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichlorobenzene	ND	0.00090	EPA 8260C	8-29-14	8-29-14	
<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>96</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-258
 Project: ES-3472.02

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-5 @ 6'					
Laboratory ID:	08-258-05					
Dichlorodifluoromethane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Chloromethane	ND	0.0041	EPA 8260C	8-29-14	8-29-14	
Vinyl Chloride	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Bromomethane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Chloroethane	ND	0.0041	EPA 8260C	8-29-14	8-29-14	
Trichlorofluoromethane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Acetone	0.034	0.0041	EPA 8260C	8-29-14	8-29-14	Y
Iodomethane	ND	0.0041	EPA 8260C	8-29-14	8-29-14	
Carbon Disulfide	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Methylene Chloride	ND	0.0041	EPA 8260C	8-29-14	8-29-14	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Methyl t-Butyl Ether	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Vinyl Acetate	ND	0.0041	EPA 8260C	8-29-14	8-29-14	
2,2-Dichloropropane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
2-Butanone	ND	0.0041	EPA 8260C	8-29-14	8-29-14	
Bromochloromethane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Chloroform	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,1,1-Trichloroethane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Carbon Tetrachloride	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloropropene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Benzene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloroethane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Trichloroethene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloropropane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Dibromomethane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Bromodichloromethane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
2-Chloroethyl Vinyl Ether	ND	0.0059	EPA 8260C	8-29-14	8-29-14	
(cis) 1,3-Dichloropropene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Methyl Isobutyl Ketone	ND	0.0041	EPA 8260C	8-29-14	8-29-14	
Toluene	ND	0.0041	EPA 8260C	8-29-14	8-29-14	
(trans) 1,3-Dichloropropene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	

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 Samples Submitted: August 28, 2014
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 Project: ES-3472.02

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-5 @ 6'					
Laboratory ID:	08-258-05					
1,1,2-Trichloroethane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Tetrachloroethene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,3-Dichloropropane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
2-Hexanone	ND	0.0041	EPA 8260C	8-29-14	8-29-14	
Dibromochloromethane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromoethane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Chlorobenzene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,1,1,2-Tetrachloroethane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Ethylbenzene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
m,p-Xylene	ND	0.0016	EPA 8260C	8-29-14	8-29-14	
o-Xylene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Styrene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Bromoform	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Isopropylbenzene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Bromobenzene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,1,2,2-Tetrachloroethane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichloropropane	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
n-Propylbenzene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
2-Chlorotoluene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
4-Chlorotoluene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,3,5-Trimethylbenzene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
tert-Butylbenzene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trimethylbenzene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
sec-Butylbenzene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,3-Dichlorobenzene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
p-Isopropyltoluene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,4-Dichlorobenzene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,2-Dichlorobenzene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
n-Butylbenzene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromo-3-chloropropane	ND	0.0041	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trichlorobenzene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
Hexachlorobutadiene	ND	0.0041	EPA 8260C	8-29-14	8-29-14	
Naphthalene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichlorobenzene	ND	0.00082	EPA 8260C	8-29-14	8-29-14	
<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>95</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-258
 Project: ES-3472.02

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-5 @ 20'					
Laboratory ID:	08-258-06					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Chloromethane	ND	0.0053	EPA 8260C	8-29-14	8-29-14	
Vinyl Chloride	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Bromomethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Chloroethane	ND	0.0053	EPA 8260C	8-29-14	8-29-14	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Acetone	ND	0.0053	EPA 8260C	8-29-14	8-29-14	
Iodomethane	ND	0.0053	EPA 8260C	8-29-14	8-29-14	
Carbon Disulfide	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Methylene Chloride	ND	0.0053	EPA 8260C	8-29-14	8-29-14	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Vinyl Acetate	ND	0.0053	EPA 8260C	8-29-14	8-29-14	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
2-Butanone	ND	0.0053	EPA 8260C	8-29-14	8-29-14	
Bromochloromethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Chloroform	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Benzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Trichloroethene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Dibromomethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Bromodichloromethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
2-Chloroethyl Vinyl Ether	ND	0.0076	EPA 8260C	8-29-14	8-29-14	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260C	8-29-14	8-29-14	
Toluene	ND	0.0053	EPA 8260C	8-29-14	8-29-14	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	

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 Project: ES-3472.02

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-5 @ 20'					
Laboratory ID:	08-258-06					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Tetrachloroethene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
2-Hexanone	ND	0.0053	EPA 8260C	8-29-14	8-29-14	
Dibromochloromethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Chlorobenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Ethylbenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
m,p-Xylene	ND	0.0021	EPA 8260C	8-29-14	8-29-14	
o-Xylene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Styrene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Bromoform	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Isopropylbenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Bromobenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
n-Propylbenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
2-Chlorotoluene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
4-Chlorotoluene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
tert-Butylbenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
sec-Butylbenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
n-Butylbenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromo-3-chloropropane	ND	0.0053	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
Hexachlorobutadiene	ND	0.0053	EPA 8260C	8-29-14	8-29-14	
Naphthalene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	8-29-14	8-29-14	
<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>97</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>105</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-258
 Project: ES-3472.02

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-6 @ 5'					
Laboratory ID:	08-258-07					
Dichlorodifluoromethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Chloromethane	ND	0.0038	EPA 8260C	8-29-14	8-29-14	
Vinyl Chloride	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Bromomethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Chloroethane	ND	0.0038	EPA 8260C	8-29-14	8-29-14	
Trichlorofluoromethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Acetone	ND	0.0038	EPA 8260C	8-29-14	8-29-14	
Iodomethane	ND	0.0038	EPA 8260C	8-29-14	8-29-14	
Carbon Disulfide	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Methylene Chloride	ND	0.0038	EPA 8260C	8-29-14	8-29-14	
(trans) 1,2-Dichloroethene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Methyl t-Butyl Ether	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Vinyl Acetate	ND	0.0038	EPA 8260C	8-29-14	8-29-14	
2,2-Dichloropropane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
(cis) 1,2-Dichloroethene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
2-Butanone	ND	0.0038	EPA 8260C	8-29-14	8-29-14	
Bromochloromethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Chloroform	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,1,1-Trichloroethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Carbon Tetrachloride	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloropropene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Benzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloroethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Trichloroethene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloropropane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Dibromomethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Bromodichloromethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
2-Chloroethyl Vinyl Ether	ND	0.0055	EPA 8260C	8-29-14	8-29-14	
(cis) 1,3-Dichloropropene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Methyl Isobutyl Ketone	ND	0.0038	EPA 8260C	8-29-14	8-29-14	
Toluene	ND	0.0038	EPA 8260C	8-29-14	8-29-14	
(trans) 1,3-Dichloropropene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	

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 Project: ES-3472.02

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-6 @ 5'					
Laboratory ID:	08-258-07					
1,1,2-Trichloroethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Tetrachloroethene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,3-Dichloropropane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
2-Hexanone	ND	0.0038	EPA 8260C	8-29-14	8-29-14	
Dibromochloromethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromoethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Chlorobenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,1,1,2-Tetrachloroethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Ethylbenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
m,p-Xylene	ND	0.0015	EPA 8260C	8-29-14	8-29-14	
o-Xylene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Styrene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Bromoform	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Isopropylbenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Bromobenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,1,2,2-Tetrachloroethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichloropropane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
n-Propylbenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
2-Chlorotoluene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
4-Chlorotoluene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,3,5-Trimethylbenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
tert-Butylbenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trimethylbenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
sec-Butylbenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,3-Dichlorobenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
p-Isopropyltoluene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,4-Dichlorobenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,2-Dichlorobenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
n-Butylbenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromo-3-chloropropane	ND	0.0038	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trichlorobenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Hexachlorobutadiene	ND	0.0038	EPA 8260C	8-29-14	8-29-14	
Naphthalene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichlorobenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
<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>108</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>117</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-258
 Project: ES-3472.02

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-6 @ 10'					
Laboratory ID:	08-258-08					
Dichlorodifluoromethane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Chloromethane	ND	0.0031	EPA 8260C	8-29-14	8-29-14	
Vinyl Chloride	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Bromomethane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Chloroethane	ND	0.0031	EPA 8260C	8-29-14	8-29-14	
Trichlorofluoromethane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Acetone	0.0055	0.0031	EPA 8260C	8-29-14	8-29-14	Y
Iodomethane	ND	0.0031	EPA 8260C	8-29-14	8-29-14	
Carbon Disulfide	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Methylene Chloride	ND	0.0031	EPA 8260C	8-29-14	8-29-14	
(trans) 1,2-Dichloroethene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Methyl t-Butyl Ether	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Vinyl Acetate	ND	0.0031	EPA 8260C	8-29-14	8-29-14	
2,2-Dichloropropane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
(cis) 1,2-Dichloroethene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
2-Butanone	ND	0.0031	EPA 8260C	8-29-14	8-29-14	
Bromochloromethane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Chloroform	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,1,1-Trichloroethane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Carbon Tetrachloride	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloropropene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Benzene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloroethane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Trichloroethene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloropropane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Dibromomethane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Bromodichloromethane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
2-Chloroethyl Vinyl Ether	ND	0.0045	EPA 8260C	8-29-14	8-29-14	
(cis) 1,3-Dichloropropene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Methyl Isobutyl Ketone	ND	0.0031	EPA 8260C	8-29-14	8-29-14	
Toluene	ND	0.0031	EPA 8260C	8-29-14	8-29-14	
(trans) 1,3-Dichloropropene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	

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 Project: ES-3472.02

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-6 @ 10'					
Laboratory ID:	08-258-08					
1,1,2-Trichloroethane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Tetrachloroethene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,3-Dichloropropane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
2-Hexanone	ND	0.0031	EPA 8260C	8-29-14	8-29-14	
Dibromochloromethane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromoethane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Chlorobenzene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,1,1,2-Tetrachloroethane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Ethylbenzene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
m,p-Xylene	ND	0.0012	EPA 8260C	8-29-14	8-29-14	
o-Xylene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Styrene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Bromoform	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Isopropylbenzene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Bromobenzene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,1,2,2-Tetrachloroethane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichloropropane	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
n-Propylbenzene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
2-Chlorotoluene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
4-Chlorotoluene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,3,5-Trimethylbenzene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
tert-Butylbenzene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trimethylbenzene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
sec-Butylbenzene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,3-Dichlorobenzene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
p-Isopropyltoluene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,4-Dichlorobenzene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,2-Dichlorobenzene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
n-Butylbenzene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromo-3-chloropropane	ND	0.0031	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trichlorobenzene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
Hexachlorobutadiene	ND	0.0031	EPA 8260C	8-29-14	8-29-14	
Naphthalene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichlorobenzene	ND	0.00062	EPA 8260C	8-29-14	8-29-14	
<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>95</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
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 Project: ES-3472.02

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-6 @ 20'					
Laboratory ID:	08-258-09					
Dichlorodifluoromethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Chloromethane	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
Vinyl Chloride	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Bromomethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Chloroethane	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
Trichlorofluoromethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Acetone	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
Iodomethane	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
Carbon Disulfide	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Methylene Chloride	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
(trans) 1,2-Dichloroethene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Methyl t-Butyl Ether	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloroethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Vinyl Acetate	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
2,2-Dichloropropane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
(cis) 1,2-Dichloroethene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
2-Butanone	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
Bromochloromethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Chloroform	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,1,1-Trichloroethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Carbon Tetrachloride	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,1-Dichloropropene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Benzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloroethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Trichloroethene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,2-Dichloropropane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Dibromomethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Bromodichloromethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
2-Chloroethyl Vinyl Ether	ND	0.0056	EPA 8260C	8-29-14	8-29-14	
(cis) 1,3-Dichloropropene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Methyl Isobutyl Ketone	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
Toluene	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
(trans) 1,3-Dichloropropene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-6 @ 20'					
Laboratory ID:	08-258-09					
1,1,2-Trichloroethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Tetrachloroethene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,3-Dichloropropane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
2-Hexanone	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
Dibromochloromethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromoethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Chlorobenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,1,1,2-Tetrachloroethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Ethylbenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
m,p-Xylene	ND	0.0015	EPA 8260C	8-29-14	8-29-14	
o-Xylene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Styrene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Bromoform	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Isopropylbenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Bromobenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,1,2,2-Tetrachloroethane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichloropropane	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
n-Propylbenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
2-Chlorotoluene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
4-Chlorotoluene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,3,5-Trimethylbenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
tert-Butylbenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trimethylbenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
sec-Butylbenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,3-Dichlorobenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
p-Isopropyltoluene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,4-Dichlorobenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,2-Dichlorobenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
n-Butylbenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,2-Dibromo-3-chloropropane	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
1,2,4-Trichlorobenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
Hexachlorobutadiene	ND	0.0039	EPA 8260C	8-29-14	8-29-14	
Naphthalene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
1,2,3-Trichlorobenzene	ND	0.00077	EPA 8260C	8-29-14	8-29-14	
<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>102</i>	<i>77-122</i>				
<i>4-Bromofluorobenzene</i>	<i>109</i>	<i>73-124</i>				

Date of Report: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-258
 Project: ES-3472.02

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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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	

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VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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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: August 29, 2014
 Samples Submitted: August 28, 2014
 Laboratory Reference: 1408-258
 Project: ES-3472.02

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	Limit			
SPIKE BLANKS										
Laboratory ID:	SB0829S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0466	0.0475	0.0500	0.0500	93	95	56-141	2	15	
Benzene	0.0483	0.0484	0.0500	0.0500	97	97	70-121	0	15	
Trichloroethene	0.0487	0.0482	0.0500	0.0500	97	96	74-118	1	15	
Toluene	0.0475	0.0479	0.0500	0.0500	95	96	75-120	1	15	
Chlorobenzene	0.0464	0.0463	0.0500	0.0500	93	93	75-120	0	15	
Surrogate:										
Dibromofluoromethane					94	95	65-129			
Toluene-d8					94	96	77-122			
4-Bromofluorobenzene					100	101	73-124			

Date of Report: August 29, 2014
Samples Submitted: August 28, 2014
Laboratory Reference: 1408-258
Project: ES-3472.02

% MOISTURE

Date Analyzed: 8-29-14

Client ID	Lab ID	% Moisture
B-4 @ 3'	08-258-01	13
B-4 @ 6'	08-258-02	14
B-4 @ 20'	08-258-03	8
B-5 @ 3'	08-258-04	11
B-5 @ 6'	08-258-05	10
B-5 @ 20'	08-258-06	9
B-6 @ 5'	08-258-07	8
B-6 @ 10'	08-258-08	11
B-6 @ 20'	08-258-09	7



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 1 of 1

Laboratory Number: **08-258**

Company: **Earth Solutions NW**
Project Number: **ES-3472.02**
Project Name: **Sherwood Shopping Center**
Project Manager: **Ted Sykes / Megan Poysnick**
Sampled by: **Megan Poysnick**

Turnaround Request (in working days)

(Check One)

- ☐ Same Day ☒ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
(TPH analysis 5 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number	NWTPH	NWTPH	NWTPH	NWTPH	Volatiles	Halogenated	Semivolatiles (with PAHs)	PAHs	PCBs	Organochlorine	Organophosphorus	Chlorinated	Total R	Total M	TCLP	HEM (C)							% Moisture
1	B-4@3'	8/28		Soil	4					X																		X
2	B-4@6'									X																		X
3	B-4@20'									X																		X
4	B-5@3'									X																		X
5	B-5@6'									X																		X
6	B-5@20'									X																		X
7	B-6@5'									X																		X
8	B-6@10'									X																		X
9	B-6@20'									X																		X

Signature	Company	Date	Time	Comments/Special Instructions
	ESNW	8/28/14	4pm	* need results by Friday, August 29th.
	OSE	8/28	1600	
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date	Chromatograms with final report <input type="checkbox"/>		

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐

OnSite Environmental, Inc. #1602-159



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

March 1, 2016

Ted Sykes
Earth Solutions NW, LLC
1805 136th Place NE, Suite #201
Bellevue, WA 98005

Re: Analytical Data for Project ES-3472.07
Laboratory Reference No. 1602-159

Dear Ted:

Enclosed are the analytical results and associated quality control data for samples submitted on February 22, 2016.

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 "DeB" followed by a stylized flourish or checkmark.

David Baumeister
Project Manager

Enclosures

Date of Report: March 1, 2016
Samples Submitted: February 22, 2016
Laboratory Reference: 1602-159
Project: ES-3472.07

Case Narrative

Samples were collected on February 22, 2016 and received by the laboratory on February 22, 2016. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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 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: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

VOLATILES EPA 8260C
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-16@2.5'					
Laboratory ID:	02-159-01					
Dichlorodifluoromethane	ND	0.0014	EPA 8260C	2-24-16	2-24-16	
Chloromethane	ND	0.0051	EPA 8260C	2-24-16	2-24-16	
Vinyl Chloride	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Bromomethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Chloroethane	ND	0.0051	EPA 8260C	2-24-16	2-24-16	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Acetone	ND	0.0051	EPA 8260C	2-24-16	2-24-16	
Iodomethane	ND	0.0070	EPA 8260C	2-24-16	2-24-16	
Carbon Disulfide	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Methylene Chloride	ND	0.0051	EPA 8260C	2-24-16	2-24-16	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Vinyl Acetate	ND	0.0051	EPA 8260C	2-24-16	2-24-16	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
2-Butanone	ND	0.0051	EPA 8260C	2-24-16	2-24-16	
Bromochloromethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Chloroform	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Benzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Trichloroethene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Dibromomethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Bromodichloromethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
2-Chloroethyl Vinyl Ether	ND	0.0051	EPA 8260C	2-24-16	2-24-16	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Methyl Isobutyl Ketone	ND	0.0051	EPA 8260C	2-24-16	2-24-16	
Toluene	ND	0.0051	EPA 8260C	2-24-16	2-24-16	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-16@2.5'					
Laboratory ID:	02-159-01					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Tetrachloroethene	0.0016	0.0010	EPA 8260C	2-24-16	2-24-16	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
2-Hexanone	ND	0.0051	EPA 8260C	2-24-16	2-24-16	
Dibromochloromethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Chlorobenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Ethylbenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
m,p-Xylene	ND	0.0020	EPA 8260C	2-24-16	2-24-16	
o-Xylene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Styrene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Bromoform	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Isopropylbenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Bromobenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
n-Propylbenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
2-Chlorotoluene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
4-Chlorotoluene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
tert-Butylbenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
sec-Butylbenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
n-Butylbenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromo-3-chloropropane	ND	0.0051	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Hexachlorobutadiene	ND	0.0051	EPA 8260C	2-24-16	2-24-16	
Naphthalene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>122</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>116</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

VOLATILES EPA 8260C

page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-16@7.5'					
Laboratory ID:	02-159-02					
Dichlorodifluoromethane	ND	0.0013	EPA 8260C	2-24-16	2-24-16	
Chloromethane	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
Vinyl Chloride	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Bromomethane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Chloroethane	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
Trichlorofluoromethane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Acetone	0.018	0.0047	EPA 8260C	2-24-16	2-24-16	
Iodomethane	ND	0.0065	EPA 8260C	2-24-16	2-24-16	
Carbon Disulfide	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Methylene Chloride	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Methyl t-Butyl Ether	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Vinyl Acetate	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
2,2-Dichloropropane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
(cis) 1,2-Dichloroethene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
2-Butanone	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
Bromochloromethane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Chloroform	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,1,1-Trichloroethane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Carbon Tetrachloride	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloropropene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Benzene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloroethane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Trichloroethene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloropropane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Dibromomethane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Bromodichloromethane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
(cis) 1,3-Dichloropropene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Methyl Isobutyl Ketone	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
Toluene	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
(trans) 1,3-Dichloropropene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-16@7.5'					
Laboratory ID:	02-159-02					
1,1,2-Trichloroethane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Tetrachloroethene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,3-Dichloropropane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
2-Hexanone	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
Dibromochloromethane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromoethane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Chlorobenzene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,1,1,2-Tetrachloroethane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Ethylbenzene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
m,p-Xylene	ND	0.0019	EPA 8260C	2-24-16	2-24-16	
o-Xylene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Styrene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Bromoform	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Isopropylbenzene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Bromobenzene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,1,2,2-Tetrachloroethane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichloropropane	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
n-Propylbenzene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
2-Chlorotoluene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
4-Chlorotoluene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,3,5-Trimethylbenzene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
tert-Butylbenzene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trimethylbenzene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
sec-Butylbenzene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,3-Dichlorobenzene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
p-Isopropyltoluene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,4-Dichlorobenzene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,2-Dichlorobenzene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
n-Butylbenzene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromo-3-chloropropane	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trichlorobenzene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
Hexachlorobutadiene	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
Naphthalene	ND	0.00094	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichlorobenzene	ND	0.00094	EPA 8260C	2-25-16	2-24-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>116</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>113</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-16@15'					
Laboratory ID:	02-159-03					
Dichlorodifluoromethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0051	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0041	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0041	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0041	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0041	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0041	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0041	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.0041	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0041	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0041	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	

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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-16@15'					
Laboratory ID:	02-159-03					
1,1,2-Trichloroethane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0041	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0016	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0041	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0041	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.00082	EPA 8260C	2-26-16	2-26-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>125</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>120</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>104</i>	<i>60-146</i>				

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 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-16@20'					
Laboratory ID:	02-159-04					
Dichlorodifluoromethane	ND	0.0016	EPA 8260C	2-24-16	2-24-16	
Chloromethane	ND	0.0058	EPA 8260C	2-24-16	2-24-16	
Vinyl Chloride	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Bromomethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Chloroethane	ND	0.0058	EPA 8260C	2-24-16	2-24-16	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Acetone	ND	0.0058	EPA 8260C	2-24-16	2-24-16	
Iodomethane	ND	0.0080	EPA 8260C	2-24-16	2-24-16	
Carbon Disulfide	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Methylene Chloride	ND	0.0058	EPA 8260C	2-24-16	2-24-16	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Vinyl Acetate	ND	0.0058	EPA 8260C	2-24-16	2-24-16	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
2-Butanone	ND	0.0058	EPA 8260C	2-24-16	2-24-16	
Bromochloromethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Chloroform	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Benzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Trichloroethene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Dibromomethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Bromodichloromethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
2-Chloroethyl Vinyl Ether	ND	0.0058	EPA 8260C	2-24-16	2-24-16	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Methyl Isobutyl Ketone	ND	0.0058	EPA 8260C	2-24-16	2-24-16	
Toluene	ND	0.0058	EPA 8260C	2-24-16	2-24-16	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	

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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-16@20'					
Laboratory ID:	02-159-04					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Tetrachloroethene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
2-Hexanone	ND	0.0058	EPA 8260C	2-24-16	2-24-16	
Dibromochloromethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Chlorobenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Ethylbenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
m,p-Xylene	ND	0.0023	EPA 8260C	2-24-16	2-24-16	
o-Xylene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Styrene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Bromoform	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Isopropylbenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Bromobenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
n-Propylbenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
2-Chlorotoluene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
4-Chlorotoluene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
tert-Butylbenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
sec-Butylbenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
n-Butylbenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromo-3-chloropropane	ND	0.0058	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Hexachlorobutadiene	ND	0.0058	EPA 8260C	2-24-16	2-24-16	
Naphthalene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>121</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>118</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-16@30'					
Laboratory ID:	02-159-05					
Dichlorodifluoromethane	ND	0.0015	EPA 8260C	2-24-16	2-24-16	
Chloromethane	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
Vinyl Chloride	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Bromomethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Chloroethane	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Acetone	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
Iodomethane	ND	0.0074	EPA 8260C	2-24-16	2-24-16	
Carbon Disulfide	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Methylene Chloride	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Vinyl Acetate	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
2-Butanone	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
Bromochloromethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Chloroform	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Benzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Trichloroethene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Dibromomethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Bromodichloromethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
Toluene	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-16@30'					
Laboratory ID:	02-159-05					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Tetrachloroethene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
2-Hexanone	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
Dibromochloromethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Chlorobenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Ethylbenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
m,p-Xylene	ND	0.0021	EPA 8260C	2-24-16	2-24-16	
o-Xylene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Styrene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Bromoform	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Isopropylbenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Bromobenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
n-Propylbenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
2-Chlorotoluene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
4-Chlorotoluene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
tert-Butylbenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
sec-Butylbenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
n-Butylbenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromo-3-chloropropane	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Hexachlorobutadiene	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
Naphthalene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>118</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>115</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-15@1.5'					
Laboratory ID:	02-159-06					
Dichlorodifluoromethane	ND	0.0013	EPA 8260C	2-24-16	2-24-16	
Chloromethane	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
Vinyl Chloride	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Bromomethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Chloroethane	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
Trichlorofluoromethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Acetone	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
Iodomethane	ND	0.0065	EPA 8260C	2-24-16	2-24-16	
Carbon Disulfide	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Methylene Chloride	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Methyl t-Butyl Ether	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Vinyl Acetate	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
2,2-Dichloropropane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
2-Butanone	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
Bromochloromethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Chloroform	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,1,1-Trichloroethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Carbon Tetrachloride	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloropropene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Benzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloroethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Trichloroethene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloropropane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Dibromomethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Bromodichloromethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
(cis) 1,3-Dichloropropene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Methyl Isobutyl Ketone	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
Toluene	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
(trans) 1,3-Dichloropropene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-15@1.5'					
Laboratory ID:	02-159-06					
1,1,2-Trichloroethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Tetrachloroethene	0.0056	0.00095	EPA 8260C	2-24-16	2-24-16	
1,3-Dichloropropane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
2-Hexanone	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
Dibromochloromethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromoethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Chlorobenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,1,1,2-Tetrachloroethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Ethylbenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
m,p-Xylene	ND	0.0019	EPA 8260C	2-24-16	2-24-16	
o-Xylene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Styrene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Bromoform	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Isopropylbenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Bromobenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,1,2,2-Tetrachloroethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichloropropane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
n-Propylbenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
2-Chlorotoluene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
4-Chlorotoluene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,3,5-Trimethylbenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
tert-Butylbenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trimethylbenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
sec-Butylbenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,3-Dichlorobenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
p-Isopropyltoluene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,4-Dichlorobenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,2-Dichlorobenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
n-Butylbenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromo-3-chloropropane	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trichlorobenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Hexachlorobutadiene	ND	0.0047	EPA 8260C	2-24-16	2-24-16	
Naphthalene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichlorobenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>119</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>118</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

VOLATILES EPA 8260C

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-15@5'					
Laboratory ID:	02-159-07					
Dichlorodifluoromethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Chloromethane	ND	0.0044	EPA 8260C	2-24-16	2-24-16	
Vinyl Chloride	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Bromomethane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Chloroethane	ND	0.0044	EPA 8260C	2-24-16	2-24-16	
Trichlorofluoromethane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Acetone	ND	0.0044	EPA 8260C	2-24-16	2-24-16	
Iodomethane	ND	0.0061	EPA 8260C	2-24-16	2-24-16	
Carbon Disulfide	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Methylene Chloride	ND	0.0044	EPA 8260C	2-24-16	2-24-16	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Methyl t-Butyl Ether	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Vinyl Acetate	ND	0.0044	EPA 8260C	2-24-16	2-24-16	
2,2-Dichloropropane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
2-Butanone	ND	0.0044	EPA 8260C	2-24-16	2-24-16	
Bromochloromethane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Chloroform	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,1,1-Trichloroethane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Carbon Tetrachloride	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloropropene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Benzene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloroethane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Trichloroethene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloropropane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Dibromomethane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Bromodichloromethane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
2-Chloroethyl Vinyl Ether	ND	0.0044	EPA 8260C	2-24-16	2-24-16	
(cis) 1,3-Dichloropropene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Methyl Isobutyl Ketone	ND	0.0044	EPA 8260C	2-24-16	2-24-16	
Toluene	ND	0.0044	EPA 8260C	2-24-16	2-24-16	
(trans) 1,3-Dichloropropene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-15@5'					
Laboratory ID:	02-159-07					
1,1,2-Trichloroethane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Tetrachloroethene	0.0052	0.00089	EPA 8260C	2-24-16	2-24-16	
1,3-Dichloropropane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
2-Hexanone	ND	0.0044	EPA 8260C	2-24-16	2-24-16	
Dibromochloromethane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromoethane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Chlorobenzene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,1,1,2-Tetrachloroethane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Ethylbenzene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
m,p-Xylene	ND	0.0018	EPA 8260C	2-24-16	2-24-16	
o-Xylene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Styrene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Bromoform	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Isopropylbenzene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Bromobenzene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,1,2,2-Tetrachloroethane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichloropropane	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
n-Propylbenzene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
2-Chlorotoluene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
4-Chlorotoluene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,3,5-Trimethylbenzene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
tert-Butylbenzene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trimethylbenzene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
sec-Butylbenzene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,3-Dichlorobenzene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
p-Isopropyltoluene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,4-Dichlorobenzene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,2-Dichlorobenzene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
n-Butylbenzene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromo-3-chloropropane	ND	0.0044	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trichlorobenzene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
Hexachlorobutadiene	ND	0.0044	EPA 8260C	2-24-16	2-24-16	
Naphthalene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichlorobenzene	ND	0.00089	EPA 8260C	2-24-16	2-24-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>119</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>113</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-15@12.5'					
Laboratory ID:	02-159-08					
Dichlorodifluoromethane	ND	0.0013	EPA 8260C	2-24-16	2-24-16	
Chloromethane	ND	0.0048	EPA 8260C	2-24-16	2-24-16	
Vinyl Chloride	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Bromomethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Chloroethane	ND	0.0048	EPA 8260C	2-24-16	2-24-16	
Trichlorofluoromethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Acetone	ND	0.0048	EPA 8260C	2-24-16	2-24-16	
Iodomethane	ND	0.0066	EPA 8260C	2-24-16	2-24-16	
Carbon Disulfide	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Methylene Chloride	ND	0.0048	EPA 8260C	2-24-16	2-24-16	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Methyl t-Butyl Ether	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Vinyl Acetate	ND	0.0048	EPA 8260C	2-24-16	2-24-16	
2,2-Dichloropropane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
2-Butanone	ND	0.0048	EPA 8260C	2-24-16	2-24-16	
Bromochloromethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Chloroform	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,1,1-Trichloroethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Carbon Tetrachloride	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloropropene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Benzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloroethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Trichloroethene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloropropane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Dibromomethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Bromodichloromethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260C	2-24-16	2-24-16	
(cis) 1,3-Dichloropropene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260C	2-24-16	2-24-16	
Toluene	ND	0.0048	EPA 8260C	2-24-16	2-24-16	
(trans) 1,3-Dichloropropene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-15@12.5'					
Laboratory ID:	02-159-08					
1,1,2-Trichloroethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Tetrachloroethene	0.0011	0.00095	EPA 8260C	2-24-16	2-24-16	
1,3-Dichloropropane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
2-Hexanone	ND	0.0048	EPA 8260C	2-24-16	2-24-16	
Dibromochloromethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromoethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Chlorobenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,1,1,2-Tetrachloroethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Ethylbenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
m,p-Xylene	ND	0.0019	EPA 8260C	2-24-16	2-24-16	
o-Xylene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Styrene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Bromoform	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Isopropylbenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Bromobenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,1,2,2-Tetrachloroethane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichloropropane	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
n-Propylbenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
2-Chlorotoluene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
4-Chlorotoluene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,3,5-Trimethylbenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
tert-Butylbenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trimethylbenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
sec-Butylbenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,3-Dichlorobenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
p-Isopropyltoluene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,4-Dichlorobenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,2-Dichlorobenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
n-Butylbenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromo-3-chloropropane	ND	0.0048	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trichlorobenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
Hexachlorobutadiene	ND	0.0048	EPA 8260C	2-24-16	2-24-16	
Naphthalene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichlorobenzene	ND	0.00095	EPA 8260C	2-24-16	2-24-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>125</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>121</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-15@20'					
Laboratory ID:	02-159-09					
Dichlorodifluoromethane	ND	0.0017	EPA 8260C	2-24-16	2-24-16	
Chloromethane	ND	0.0060	EPA 8260C	2-24-16	2-24-16	
Vinyl Chloride	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Bromomethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Chloroethane	ND	0.0060	EPA 8260C	2-24-16	2-24-16	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Acetone	ND	0.0060	EPA 8260C	2-24-16	2-24-16	
Iodomethane	ND	0.0083	EPA 8260C	2-24-16	2-24-16	
Carbon Disulfide	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Methylene Chloride	ND	0.0060	EPA 8260C	2-24-16	2-24-16	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Vinyl Acetate	ND	0.0060	EPA 8260C	2-24-16	2-24-16	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
2-Butanone	ND	0.0060	EPA 8260C	2-24-16	2-24-16	
Bromochloromethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Chloroform	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Benzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Trichloroethene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Dibromomethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Bromodichloromethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
2-Chloroethyl Vinyl Ether	ND	0.0060	EPA 8260C	2-24-16	2-24-16	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Methyl Isobutyl Ketone	ND	0.0060	EPA 8260C	2-24-16	2-24-16	
Toluene	ND	0.0060	EPA 8260C	2-24-16	2-24-16	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-15@20'					
Laboratory ID:	02-159-09					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Tetrachloroethene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
2-Hexanone	ND	0.0060	EPA 8260C	2-24-16	2-24-16	
Dibromochloromethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Chlorobenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Ethylbenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
m,p-Xylene	ND	0.0024	EPA 8260C	2-24-16	2-24-16	
o-Xylene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Styrene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Bromoform	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Isopropylbenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Bromobenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
n-Propylbenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
2-Chlorotoluene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
4-Chlorotoluene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
tert-Butylbenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
sec-Butylbenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
n-Butylbenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromo-3-chloropropane	ND	0.0060	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
Hexachlorobutadiene	ND	0.0060	EPA 8260C	2-24-16	2-24-16	
Naphthalene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	2-24-16	2-24-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>122</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>116</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-15@30'					
Laboratory ID:	02-159-10					
Dichlorodifluoromethane	ND	0.0015	EPA 8260C	2-24-16	2-24-16	
Chloromethane	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
Vinyl Chloride	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Bromomethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Chloroethane	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Acetone	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
Iodomethane	ND	0.0073	EPA 8260C	2-24-16	2-24-16	
Carbon Disulfide	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Methylene Chloride	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Vinyl Acetate	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
2-Butanone	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
Bromochloromethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Chloroform	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Benzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Trichloroethene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Dibromomethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Bromodichloromethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
Toluene	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	

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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-15@30'					
Laboratory ID:	02-159-10					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Tetrachloroethene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
2-Hexanone	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
Dibromochloromethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Chlorobenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Ethylbenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
m,p-Xylene	ND	0.0021	EPA 8260C	2-24-16	2-24-16	
o-Xylene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Styrene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Bromoform	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Isopropylbenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Bromobenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
n-Propylbenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
2-Chlorotoluene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
4-Chlorotoluene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
tert-Butylbenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
sec-Butylbenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
n-Butylbenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromo-3-chloropropane	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
Hexachlorobutadiene	ND	0.0053	EPA 8260C	2-24-16	2-24-16	
Naphthalene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	2-24-16	2-24-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>123</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>116</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<hr/>						
Laboratory ID:	MB0224S1					
Dichlorodifluoromethane	ND	0.0014	EPA 8260C	2-24-16	2-24-16	
Chloromethane	ND	0.0050	EPA 8260C	2-24-16	2-24-16	
Vinyl Chloride	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Bromomethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Chloroethane	ND	0.0050	EPA 8260C	2-24-16	2-24-16	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Acetone	ND	0.0050	EPA 8260C	2-24-16	2-24-16	
Iodomethane	ND	0.0069	EPA 8260C	2-24-16	2-24-16	
Carbon Disulfide	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Methylene Chloride	ND	0.0050	EPA 8260C	2-24-16	2-24-16	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Vinyl Acetate	ND	0.0050	EPA 8260C	2-24-16	2-24-16	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
2-Butanone	ND	0.0050	EPA 8260C	2-24-16	2-24-16	
Bromochloromethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Chloroform	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Benzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Trichloroethene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Dibromomethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Bromodichloromethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	2-24-16	2-24-16	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	2-24-16	2-24-16	
Toluene	ND	0.0050	EPA 8260C	2-24-16	2-24-16	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID: MB0224S1						
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Tetrachloroethene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
2-Hexanone	ND	0.0050	EPA 8260C	2-24-16	2-24-16	
Dibromochloromethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Chlorobenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Ethylbenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
m,p-Xylene	ND	0.0020	EPA 8260C	2-24-16	2-24-16	
o-Xylene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Styrene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Bromoform	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Isopropylbenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Bromobenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
n-Propylbenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
2-Chlorotoluene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
4-Chlorotoluene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
tert-Butylbenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
sec-Butylbenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
n-Butylbenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	2-24-16	2-24-16	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	2-24-16	2-24-16	
Naphthalene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	2-24-16	2-24-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>119</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>118</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

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: MB0226S2						
Dichlorodifluoromethane	ND	0.0015	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0063	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID: MB0226S2						
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0020	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>119</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>117</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

VOLATILES by EPA 8260C
SB/SBD QUALITY CONTROL

Matrix: Soil
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits		RPD	RPD Limit	Flags
					Recovery						
SPIKE BLANKS											
Laboratory ID:	SB0224S1										
	SB	SBD	SB	SBD	SB	SBD					
1,1-Dichloroethene	0.0462	0.0413	0.0500	0.0500	92	83	68-126	11	15		
Benzene	0.0515	0.0471	0.0500	0.0500	103	94	75-121	9	15		
Trichloroethene	0.0530	0.0469	0.0500	0.0500	106	94	75-116	12	15		
Toluene	0.0539	0.0493	0.0500	0.0500	108	99	80-115	9	15		
Chlorobenzene	0.0514	0.0465	0.0500	0.0500	103	93	76-120	10	15		
Surrogate:											
Dibromofluoromethane					112	114	76-131				
Toluene-d8					112	112	80-126				
4-Bromofluorobenzene					96	95	60-146				

Date of Report: March 1, 2016
 Samples Submitted: February 22, 2016
 Laboratory Reference: 1602-159
 Project: ES-3472.07

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	Limit			
SPIKE BLANKS										
Laboratory ID:	SB0226S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0397	0.0390	0.0500	0.0500	79	78	68-126	2	15	
Benzene	0.0474	0.0468	0.0500	0.0500	95	94	75-121	1	15	
Trichloroethene	0.0458	0.0474	0.0500	0.0500	92	95	75-116	3	15	
Toluene	0.0477	0.0479	0.0500	0.0500	95	96	80-115	0	15	
Chlorobenzene	0.0445	0.0462	0.0500	0.0500	89	92	76-120	4	15	
Surrogate:										
Dibromofluoromethane					113	114	76-131			
Toluene-d8					108	107	80-126			
4-Bromofluorobenzene					94	94	60-146			

Date of Report: March 1, 2016
Samples Submitted: February 22, 2016
Laboratory Reference: 1602-159
Project: ES-3472.07

% MOISTURE

Date Analyzed: 2-24-16

Client ID	Lab ID	% Moisture
B-16@2.5'	02-159-01	9
B-16@7.5'	02-159-02	7
B-16@15'	02-159-03	11
B-16@20'	02-159-04	5
B-16@30'	02-159-05	13
B-15@1.5'	02-159-06	8
B-15@5'	02-159-07	11
B-15@12.5'	02-159-08	11
B-15@20'	02-159-09	6
B-15@30'	02-159-10	8



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 1 of 1

Company: EARTH SOLUTIONS NW
Project Number: ES-3472.07
Project Name: SHERWOOD SHOPPING CENTER
Project Manager: TED SYKES
Sampled by: TED SYKES

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: **02-159**

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 PCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture		
1	B-16G 2.5'	2/22/16	10:30	Soil	4					X													X	
2	B-16G 7.5'	↓	11:20	↓	4					X													↓	
3	B-16G 15'		11:40		4						X													
4	B-16G 20'		11:57		4						X													
5	B-16G 30'		12:10		4						X													
6	B-15G 1.5'		12:30		4						X													
7	B-15G 5'		12:56		4						X													
8	B-15G 12.5'		1:18		4						X													
9	B-15G 20'		1:31		4						X													
10	B-15G 30'		↓		1:45	↓	4					X												↓

Signature	Company	Date	Time	Comments/Special Instructions
<u>[Signature]</u>	<u>ESNW</u>	<u>2/22/16</u>		
<u>[Signature]</u>	<u>CO87E</u>	<u>2/22/16</u>	<u>1410</u>	
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date	Chromatograms with final report <input type="checkbox"/>		

OnSite Environmental, Inc. #1602-175



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

March 1, 2016

Ted Sykes
Earth Solutions NW, LLC
1805 136th Place NE, Suite #201
Bellevue, WA 98005

Re: Analytical Data for Project ES-3472.07
Laboratory Reference No. 1602-175

Dear Ted:

Enclosed are the analytical results and associated quality control data for samples submitted on February 23, 2016.

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 "DeB" followed by a stylized flourish or checkmark.

David Baumeister
Project Manager

Enclosures

Date of Report: March 1, 2016
Samples Submitted: February 23, 2016
Laboratory Reference: 1602-175
Project: ES-3472.07

Case Narrative

Samples were collected on February 23, 2016 and received by the laboratory on February 23, 2016. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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 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: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

VOLATILES EPA 8260C
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-12@1.5'					
Laboratory ID:	02-175-01					
Dichlorodifluoromethane	ND	0.0017	EPA 8260C	2-25-16	2-25-16	
Chloromethane	ND	0.0072	EPA 8260C	2-25-16	2-25-16	
Vinyl Chloride	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Bromomethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Chloroethane	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Acetone	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Iodomethane	ND	0.0073	EPA 8260C	2-25-16	2-25-16	
Carbon Disulfide	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Methylene Chloride	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Vinyl Acetate	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
2-Butanone	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Bromochloromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Chloroform	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Benzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Trichloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Dibromomethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Bromodichloromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Toluene	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-12@1.5'					
Laboratory ID:	02-175-01					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Tetrachloroethene	0.0035	0.0011	EPA 8260C	2-25-16	2-25-16	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
2-Hexanone	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Dibromochloromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Chlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Ethylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
m,p-Xylene	ND	0.0021	EPA 8260C	2-25-16	2-25-16	
o-Xylene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Styrene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Bromoform	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Isopropylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Bromobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
n-Propylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
2-Chlorotoluene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
4-Chlorotoluene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
tert-Butylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
sec-Butylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
n-Butylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromo-3-chloropropane	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Hexachlorobutadiene	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Naphthalene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>120</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>120</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-12@5'					
Laboratory ID:	02-175-02					
Dichlorodifluoromethane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Chloromethane	ND	0.0059	EPA 8260C	2-25-16	2-25-16	
Vinyl Chloride	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Bromomethane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Chloroethane	ND	0.0043	EPA 8260C	2-25-16	2-25-16	
Trichlorofluoromethane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Acetone	ND	0.0043	EPA 8260C	2-25-16	2-25-16	
Iodomethane	ND	0.0059	EPA 8260C	2-25-16	2-25-16	
Carbon Disulfide	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Methylene Chloride	ND	0.0043	EPA 8260C	2-25-16	2-25-16	
(trans) 1,2-Dichloroethene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Methyl t-Butyl Ether	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Vinyl Acetate	ND	0.0043	EPA 8260C	2-25-16	2-25-16	
2,2-Dichloropropane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
(cis) 1,2-Dichloroethene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
2-Butanone	ND	0.0043	EPA 8260C	2-25-16	2-25-16	
Bromochloromethane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Chloroform	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,1,1-Trichloroethane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Carbon Tetrachloride	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloropropene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Benzene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloroethane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Trichloroethene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloropropane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Dibromomethane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Bromodichloromethane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
2-Chloroethyl Vinyl Ether	ND	0.0043	EPA 8260C	2-25-16	2-25-16	
(cis) 1,3-Dichloropropene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Methyl Isobutyl Ketone	ND	0.0043	EPA 8260C	2-25-16	2-25-16	
Toluene	ND	0.0043	EPA 8260C	2-25-16	2-25-16	
(trans) 1,3-Dichloropropene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-12@5'					
Laboratory ID:	02-175-02					
1,1,2-Trichloroethane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Tetrachloroethene	0.0074	0.00086	EPA 8260C	2-25-16	2-25-16	
1,3-Dichloropropane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
2-Hexanone	ND	0.0043	EPA 8260C	2-25-16	2-25-16	
Dibromochloromethane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromoethane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Chlorobenzene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,1,1,2-Tetrachloroethane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Ethylbenzene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
m,p-Xylene	ND	0.0017	EPA 8260C	2-25-16	2-25-16	
o-Xylene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Styrene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Bromoform	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Isopropylbenzene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Bromobenzene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,1,2,2-Tetrachloroethane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichloropropane	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
n-Propylbenzene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
2-Chlorotoluene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
4-Chlorotoluene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,3,5-Trimethylbenzene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
tert-Butylbenzene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trimethylbenzene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
sec-Butylbenzene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,3-Dichlorobenzene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
p-Isopropyltoluene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,4-Dichlorobenzene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,2-Dichlorobenzene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
n-Butylbenzene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromo-3-chloropropane	ND	0.0043	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trichlorobenzene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
Hexachlorobutadiene	ND	0.0043	EPA 8260C	2-25-16	2-25-16	
Naphthalene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichlorobenzene	ND	0.00086	EPA 8260C	2-25-16	2-25-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>122</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>119</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-12@12.5'					
Laboratory ID:	02-175-03					
Dichlorodifluoromethane	ND	0.0015	EPA 8260C	2-25-16	2-25-16	
Chloromethane	ND	0.0063	EPA 8260C	2-25-16	2-25-16	
Vinyl Chloride	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Bromomethane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Chloroethane	ND	0.0047	EPA 8260C	2-25-16	2-25-16	
Trichlorofluoromethane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Acetone	ND	0.0047	EPA 8260C	2-25-16	2-25-16	
Iodomethane	ND	0.0064	EPA 8260C	2-25-16	2-25-16	
Carbon Disulfide	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Methylene Chloride	ND	0.0047	EPA 8260C	2-25-16	2-25-16	
(trans) 1,2-Dichloroethene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Methyl t-Butyl Ether	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Vinyl Acetate	ND	0.0047	EPA 8260C	2-25-16	2-25-16	
2,2-Dichloropropane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
(cis) 1,2-Dichloroethene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
2-Butanone	ND	0.0047	EPA 8260C	2-25-16	2-25-16	
Bromochloromethane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Chloroform	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,1,1-Trichloroethane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Carbon Tetrachloride	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloropropene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Benzene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloroethane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Trichloroethene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloropropane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Dibromomethane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Bromodichloromethane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260C	2-25-16	2-25-16	
(cis) 1,3-Dichloropropene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Methyl Isobutyl Ketone	ND	0.0047	EPA 8260C	2-25-16	2-25-16	
Toluene	ND	0.0047	EPA 8260C	2-25-16	2-25-16	
(trans) 1,3-Dichloropropene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-12@12.5'					
Laboratory ID:	02-175-03					
1,1,2-Trichloroethane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Tetrachloroethene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,3-Dichloropropane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
2-Hexanone	ND	0.0047	EPA 8260C	2-25-16	2-25-16	
Dibromochloromethane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromoethane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Chlorobenzene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,1,1,2-Tetrachloroethane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Ethylbenzene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
m,p-Xylene	ND	0.0019	EPA 8260C	2-25-16	2-25-16	
o-Xylene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Styrene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Bromoform	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Isopropylbenzene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Bromobenzene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,1,2,2-Tetrachloroethane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichloropropane	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
n-Propylbenzene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
2-Chlorotoluene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
4-Chlorotoluene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,3,5-Trimethylbenzene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
tert-Butylbenzene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trimethylbenzene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
sec-Butylbenzene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,3-Dichlorobenzene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
p-Isopropyltoluene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,4-Dichlorobenzene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,2-Dichlorobenzene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
n-Butylbenzene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromo-3-chloropropane	ND	0.0047	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trichlorobenzene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
Hexachlorobutadiene	ND	0.0047	EPA 8260C	2-25-16	2-25-16	
Naphthalene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichlorobenzene	ND	0.00093	EPA 8260C	2-25-16	2-25-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>121</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>118</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-12@20'					
Laboratory ID:	02-175-04					
Dichlorodifluoromethane	ND	0.0019	EPA 8260C	2-25-16	2-25-16	
Chloromethane	ND	0.0083	EPA 8260C	2-25-16	2-25-16	
Vinyl Chloride	ND	0.0016	EPA 8260C	2-25-16	2-25-16	
Bromomethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Chloroethane	ND	0.0061	EPA 8260C	2-25-16	2-25-16	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Acetone	ND	0.0061	EPA 8260C	2-25-16	2-25-16	
Iodomethane	ND	0.0084	EPA 8260C	2-25-16	2-25-16	
Carbon Disulfide	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Methylene Chloride	ND	0.0061	EPA 8260C	2-25-16	2-25-16	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Vinyl Acetate	ND	0.0061	EPA 8260C	2-25-16	2-25-16	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
2-Butanone	ND	0.0061	EPA 8260C	2-25-16	2-25-16	
Bromochloromethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Chloroform	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Benzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Trichloroethene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Dibromomethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Bromodichloromethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
2-Chloroethyl Vinyl Ether	ND	0.0061	EPA 8260C	2-25-16	2-25-16	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Methyl Isobutyl Ketone	ND	0.0061	EPA 8260C	2-25-16	2-25-16	
Toluene	ND	0.0061	EPA 8260C	2-25-16	2-25-16	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-12@20'					
Laboratory ID:	02-175-04					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Tetrachloroethene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
2-Hexanone	ND	0.0061	EPA 8260C	2-25-16	2-25-16	
Dibromochloromethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Chlorobenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Ethylbenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
m,p-Xylene	ND	0.0024	EPA 8260C	2-25-16	2-25-16	
o-Xylene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Styrene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Bromoform	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Isopropylbenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Bromobenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
n-Propylbenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
2-Chlorotoluene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
4-Chlorotoluene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
tert-Butylbenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
sec-Butylbenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
n-Butylbenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromo-3-chloropropane	ND	0.0061	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Hexachlorobutadiene	ND	0.0061	EPA 8260C	2-25-16	2-25-16	
Naphthalene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>122</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>122</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-12@30'					
Laboratory ID:	02-175-05					
Dichlorodifluoromethane	ND	0.0017	EPA 8260C	2-25-16	2-25-16	
Chloromethane	ND	0.0073	EPA 8260C	2-25-16	2-25-16	
Vinyl Chloride	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Bromomethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Chloroethane	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Acetone	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Iodomethane	ND	0.0074	EPA 8260C	2-25-16	2-25-16	
Carbon Disulfide	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Methylene Chloride	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Vinyl Acetate	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
2-Butanone	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Bromochloromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Chloroform	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Benzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Trichloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Dibromomethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Bromodichloromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Toluene	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	

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 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-12@30'					
Laboratory ID:	02-175-05					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Tetrachloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
2-Hexanone	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Dibromochloromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Chlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Ethylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
m,p-Xylene	ND	0.0021	EPA 8260C	2-25-16	2-25-16	
o-Xylene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Styrene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Bromoform	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Isopropylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Bromobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
n-Propylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
2-Chlorotoluene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
4-Chlorotoluene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
tert-Butylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
sec-Butylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
n-Butylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromo-3-chloropropane	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Hexachlorobutadiene	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Naphthalene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>114</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>114</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-10@1.5'					
Laboratory ID:	02-175-06					
Dichlorodifluoromethane	ND	0.0016	EPA 8260C	2-25-16	2-25-16	
Chloromethane	ND	0.0067	EPA 8260C	2-25-16	2-25-16	
Vinyl Chloride	ND	0.0013	EPA 8260C	2-25-16	2-25-16	
Bromomethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Chloroethane	ND	0.0049	EPA 8260C	2-25-16	2-25-16	
Trichlorofluoromethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Acetone	ND	0.0049	EPA 8260C	2-25-16	2-25-16	
Iodomethane	ND	0.0068	EPA 8260C	2-25-16	2-25-16	
Carbon Disulfide	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Methylene Chloride	ND	0.0049	EPA 8260C	2-25-16	2-25-16	
(trans) 1,2-Dichloroethene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Methyl t-Butyl Ether	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Vinyl Acetate	ND	0.0049	EPA 8260C	2-25-16	2-25-16	
2,2-Dichloropropane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
(cis) 1,2-Dichloroethene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
2-Butanone	ND	0.0049	EPA 8260C	2-25-16	2-25-16	
Bromochloromethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Chloroform	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,1,1-Trichloroethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Carbon Tetrachloride	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloropropene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Benzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloroethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Trichloroethene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloropropane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Dibromomethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Bromodichloromethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
2-Chloroethyl Vinyl Ether	ND	0.0049	EPA 8260C	2-25-16	2-25-16	
(cis) 1,3-Dichloropropene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Methyl Isobutyl Ketone	ND	0.0049	EPA 8260C	2-25-16	2-25-16	
Toluene	ND	0.0049	EPA 8260C	2-25-16	2-25-16	
(trans) 1,3-Dichloropropene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	

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 Samples Submitted: February 23, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-10@1.5'					
Laboratory ID:	02-175-06					
1,1,2-Trichloroethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Tetrachloroethene	0.0092	0.00099	EPA 8260C	2-25-16	2-25-16	
1,3-Dichloropropane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
2-Hexanone	ND	0.0049	EPA 8260C	2-25-16	2-25-16	
Dibromochloromethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromoethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Chlorobenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,1,1,2-Tetrachloroethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Ethylbenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
m,p-Xylene	ND	0.0020	EPA 8260C	2-25-16	2-25-16	
o-Xylene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Styrene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Bromoform	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Isopropylbenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Bromobenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,1,2,2-Tetrachloroethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichloropropane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
n-Propylbenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
2-Chlorotoluene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
4-Chlorotoluene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,3,5-Trimethylbenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
tert-Butylbenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trimethylbenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
sec-Butylbenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,3-Dichlorobenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
p-Isopropyltoluene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,4-Dichlorobenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,2-Dichlorobenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
n-Butylbenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromo-3-chloropropane	ND	0.0049	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trichlorobenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Hexachlorobutadiene	ND	0.0049	EPA 8260C	2-25-16	2-25-16	
Naphthalene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichlorobenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>122</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>117</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-10@7.5'					
Laboratory ID:	02-175-07					
Dichlorodifluoromethane	ND	0.0018	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0063	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0055	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0055	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0043	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0043	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0062	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0056	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.0081	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0043	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0043	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-10@7.5'					
Laboratory ID:	02-175-07					
1,1,2-Trichloroethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	0.0073	0.00086	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0043	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0017	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0043	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0043	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>91</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>105</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-10@15'					
Laboratory ID:	02-175-08					
Dichlorodifluoromethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Chloromethane	ND	0.0049	EPA 8260C	2-25-16	2-25-16	
Vinyl Chloride	ND	0.00094	EPA 8260C	2-25-16	2-25-16	
Bromomethane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Chloroethane	ND	0.0036	EPA 8260C	2-25-16	2-25-16	
Trichlorofluoromethane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Acetone	ND	0.0036	EPA 8260C	2-25-16	2-25-16	
Iodomethane	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Carbon Disulfide	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Methylene Chloride	ND	0.0036	EPA 8260C	2-25-16	2-25-16	
(trans) 1,2-Dichloroethene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Methyl t-Butyl Ether	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Vinyl Acetate	ND	0.0036	EPA 8260C	2-25-16	2-25-16	
2,2-Dichloropropane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
(cis) 1,2-Dichloroethene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
2-Butanone	ND	0.0036	EPA 8260C	2-25-16	2-25-16	
Bromochloromethane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Chloroform	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,1,1-Trichloroethane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Carbon Tetrachloride	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloropropene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Benzene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloroethane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Trichloroethene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloropropane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Dibromomethane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Bromodichloromethane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
2-Chloroethyl Vinyl Ether	ND	0.0036	EPA 8260C	2-25-16	2-25-16	
(cis) 1,3-Dichloropropene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Methyl Isobutyl Ketone	ND	0.0036	EPA 8260C	2-25-16	2-25-16	
Toluene	ND	0.0036	EPA 8260C	2-25-16	2-25-16	
(trans) 1,3-Dichloropropene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	

Date of Report: March 1, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-10@15'					
Laboratory ID:	02-175-08					
1,1,2-Trichloroethane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Tetrachloroethene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,3-Dichloropropane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
2-Hexanone	ND	0.0036	EPA 8260C	2-25-16	2-25-16	
Dibromochloromethane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromoethane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Chlorobenzene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,1,1,2-Tetrachloroethane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Ethylbenzene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
m,p-Xylene	ND	0.0015	EPA 8260C	2-25-16	2-25-16	
o-Xylene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Styrene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Bromoform	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Isopropylbenzene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Bromobenzene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,1,2,2-Tetrachloroethane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichloropropane	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
n-Propylbenzene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
2-Chlorotoluene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
4-Chlorotoluene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,3,5-Trimethylbenzene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
tert-Butylbenzene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trimethylbenzene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
sec-Butylbenzene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,3-Dichlorobenzene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
p-Isopropyltoluene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,4-Dichlorobenzene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,2-Dichlorobenzene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
n-Butylbenzene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromo-3-chloropropane	ND	0.0036	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trichlorobenzene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
Hexachlorobutadiene	ND	0.0036	EPA 8260C	2-25-16	2-25-16	
Naphthalene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichlorobenzene	ND	0.00073	EPA 8260C	2-25-16	2-25-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>115</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>115</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-10@20'					
Laboratory ID:	02-175-09					
Dichlorodifluoromethane	ND	0.0018	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0064	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0056	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0056	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0063	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0057	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.0083	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	

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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-10@20'					
Laboratory ID:	02-175-09					
1,1,2-Trichloroethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0018	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>91</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>104</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-10@30'					
Laboratory ID:	02-175-10					
Dichlorodifluoromethane	ND	0.0019	EPA 8260C	2-25-16	2-25-16	
Chloromethane	ND	0.0082	EPA 8260C	2-25-16	2-25-16	
Vinyl Chloride	ND	0.0016	EPA 8260C	2-25-16	2-25-16	
Bromomethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Chloroethane	ND	0.0060	EPA 8260C	2-25-16	2-25-16	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Acetone	ND	0.0060	EPA 8260C	2-25-16	2-25-16	
Iodomethane	ND	0.0083	EPA 8260C	2-25-16	2-25-16	
Carbon Disulfide	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Methylene Chloride	ND	0.0060	EPA 8260C	2-25-16	2-25-16	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Vinyl Acetate	ND	0.0060	EPA 8260C	2-25-16	2-25-16	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
2-Butanone	ND	0.0060	EPA 8260C	2-25-16	2-25-16	
Bromochloromethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Chloroform	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Benzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Trichloroethene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Dibromomethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Bromodichloromethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
2-Chloroethyl Vinyl Ether	ND	0.0060	EPA 8260C	2-25-16	2-25-16	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Methyl Isobutyl Ketone	ND	0.0060	EPA 8260C	2-25-16	2-25-16	
Toluene	ND	0.0060	EPA 8260C	2-25-16	2-25-16	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-10@30'					
Laboratory ID:	02-175-10					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Tetrachloroethene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
2-Hexanone	ND	0.0060	EPA 8260C	2-25-16	2-25-16	
Dibromochloromethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Chlorobenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Ethylbenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
m,p-Xylene	ND	0.0024	EPA 8260C	2-25-16	2-25-16	
o-Xylene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Styrene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Bromoform	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Isopropylbenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Bromobenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
n-Propylbenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
2-Chlorotoluene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
4-Chlorotoluene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
tert-Butylbenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
sec-Butylbenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
n-Butylbenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromo-3-chloropropane	ND	0.0060	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
Hexachlorobutadiene	ND	0.0060	EPA 8260C	2-25-16	2-25-16	
Naphthalene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	2-25-16	2-25-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>118</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>116</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-9@1.5'					
Laboratory ID:	02-175-11					
Dichlorodifluoromethane	ND	0.0022	EPA 8260C	2-25-16	2-25-16	
Chloromethane	ND	0.0093	EPA 8260C	2-25-16	2-25-16	
Vinyl Chloride	ND	0.0018	EPA 8260C	2-25-16	2-25-16	
Bromomethane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Chloroethane	ND	0.0068	EPA 8260C	2-25-16	2-25-16	
Trichlorofluoromethane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Acetone	ND	0.0068	EPA 8260C	2-25-16	2-25-16	
Iodomethane	ND	0.0094	EPA 8260C	2-25-16	2-25-16	
Carbon Disulfide	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Methylene Chloride	ND	0.0068	EPA 8260C	2-25-16	2-25-16	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Methyl t-Butyl Ether	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Vinyl Acetate	ND	0.0068	EPA 8260C	2-25-16	2-25-16	
2,2-Dichloropropane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
2-Butanone	ND	0.0068	EPA 8260C	2-25-16	2-25-16	
Bromochloromethane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Chloroform	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Carbon Tetrachloride	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloropropene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Benzene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloroethane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Trichloroethene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloropropane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Dibromomethane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Bromodichloromethane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
2-Chloroethyl Vinyl Ether	ND	0.0068	EPA 8260C	2-25-16	2-25-16	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Methyl Isobutyl Ketone	ND	0.0068	EPA 8260C	2-25-16	2-25-16	
Toluene	ND	0.0068	EPA 8260C	2-25-16	2-25-16	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	

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 Samples Submitted: February 23, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-9@1.5'					
Laboratory ID:	02-175-11					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Tetrachloroethene	0.070	0.0014	EPA 8260C	2-25-16	2-25-16	
1,3-Dichloropropane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
2-Hexanone	ND	0.0068	EPA 8260C	2-25-16	2-25-16	
Dibromochloromethane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromoethane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Chlorobenzene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Ethylbenzene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
m,p-Xylene	ND	0.0027	EPA 8260C	2-25-16	2-25-16	
o-Xylene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Styrene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Bromoform	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Isopropylbenzene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Bromobenzene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
n-Propylbenzene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
2-Chlorotoluene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
4-Chlorotoluene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,3,5-Trimethylbenzene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
tert-Butylbenzene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trimethylbenzene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
sec-Butylbenzene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,3-Dichlorobenzene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
p-Isopropyltoluene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,4-Dichlorobenzene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,2-Dichlorobenzene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
n-Butylbenzene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromo-3-chloropropane	ND	0.0068	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trichlorobenzene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Hexachlorobutadiene	ND	0.0068	EPA 8260C	2-25-16	2-25-16	
Naphthalene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichlorobenzene	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>110</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>108</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>91</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-9@7.5'					
Laboratory ID:	02-175-12					
Dichlorodifluoromethane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Chloromethane	ND	0.0040	EPA 8260C	2-25-16	2-25-16	
Vinyl Chloride	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Bromomethane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Chloroethane	ND	0.0040	EPA 8260C	2-25-16	2-25-16	
Trichlorofluoromethane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Acetone	0.021	0.0040	EPA 8260C	2-25-16	2-25-16	
Iodomethane	ND	0.0040	EPA 8260C	2-25-16	2-25-16	
Carbon Disulfide	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Methylene Chloride	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Methyl t-Butyl Ether	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Vinyl Acetate	ND	0.0057	EPA 8260C	2-25-16	2-25-16	
2,2-Dichloropropane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
(cis) 1,2-Dichloroethene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
2-Butanone	ND	0.0040	EPA 8260C	2-25-16	2-25-16	
Bromochloromethane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Chloroform	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
1,1,1-Trichloroethane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Carbon Tetrachloride	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloropropene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Benzene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloroethane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Trichloroethene	0.0078	0.00080	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloropropane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Dibromomethane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Bromodichloromethane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
2-Chloroethyl Vinyl Ether	ND	0.0073	EPA 8260C	2-25-16	2-25-16	
(cis) 1,3-Dichloropropene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Methyl Isobutyl Ketone	ND	0.0040	EPA 8260C	2-25-16	2-25-16	
Toluene	ND	0.0040	EPA 8260C	2-25-16	2-25-16	
(trans) 1,3-Dichloropropene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-9@7.5'					
Laboratory ID:	02-175-12					
1,1,2-Trichloroethane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Tetrachloroethene	0.055	0.00080	EPA 8260C	2-25-16	2-25-16	
1,3-Dichloropropane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
2-Hexanone	ND	0.0040	EPA 8260C	2-25-16	2-25-16	
Dibromochloromethane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromoethane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Chlorobenzene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
1,1,1,2-Tetrachloroethane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Ethylbenzene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
m,p-Xylene	ND	0.0016	EPA 8260C	2-25-16	2-25-16	
o-Xylene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Styrene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Bromoform	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Isopropylbenzene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Bromobenzene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
1,1,2,2-Tetrachloroethane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichloropropane	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
n-Propylbenzene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
2-Chlorotoluene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
4-Chlorotoluene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
1,3,5-Trimethylbenzene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
tert-Butylbenzene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trimethylbenzene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
sec-Butylbenzene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
1,3-Dichlorobenzene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
p-Isopropyltoluene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
1,4-Dichlorobenzene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
1,2-Dichlorobenzene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
n-Butylbenzene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromo-3-chloropropane	ND	0.0040	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trichlorobenzene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
Hexachlorobutadiene	ND	0.0040	EPA 8260C	2-25-16	2-25-16	
Naphthalene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichlorobenzene	ND	0.00080	EPA 8260C	2-25-16	2-25-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>94</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-9@15'					
Laboratory ID:	02-175-13					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Chloromethane	ND	0.0054	EPA 8260C	2-25-16	2-25-16	
Vinyl Chloride	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Bromomethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Chloroethane	ND	0.0054	EPA 8260C	2-25-16	2-25-16	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Acetone	ND	0.0054	EPA 8260C	2-25-16	2-25-16	
Iodomethane	ND	0.0054	EPA 8260C	2-25-16	2-25-16	
Carbon Disulfide	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Methylene Chloride	ND	0.0069	EPA 8260C	2-25-16	2-25-16	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Vinyl Acetate	ND	0.0077	EPA 8260C	2-25-16	2-25-16	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
2-Butanone	ND	0.0054	EPA 8260C	2-25-16	2-25-16	
Bromochloromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Chloroform	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Benzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Trichloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Dibromomethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Bromodichloromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
2-Chloroethyl Vinyl Ether	ND	0.0099	EPA 8260C	2-25-16	2-25-16	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Methyl Isobutyl Ketone	ND	0.0054	EPA 8260C	2-25-16	2-25-16	
Toluene	ND	0.0054	EPA 8260C	2-25-16	2-25-16	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-9@15'					
Laboratory ID:	02-175-13					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Tetrachloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
2-Hexanone	ND	0.0054	EPA 8260C	2-25-16	2-25-16	
Dibromochloromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Chlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Ethylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
m,p-Xylene	ND	0.0022	EPA 8260C	2-25-16	2-25-16	
o-Xylene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Styrene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Bromoform	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Isopropylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Bromobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
n-Propylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
2-Chlorotoluene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
4-Chlorotoluene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
tert-Butylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
sec-Butylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
n-Butylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromo-3-chloropropane	ND	0.0054	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Hexachlorobutadiene	ND	0.0054	EPA 8260C	2-25-16	2-25-16	
Naphthalene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>104</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-9@20'					
Laboratory ID:	02-175-14					
Dichlorodifluoromethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Chloromethane	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Vinyl Chloride	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Bromomethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Chloroethane	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Trichlorofluoromethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Acetone	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Iodomethane	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Carbon Disulfide	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Methylene Chloride	ND	0.0062	EPA 8260C	2-25-16	2-25-16	
(trans) 1,2-Dichloroethene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Methyl t-Butyl Ether	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Vinyl Acetate	ND	0.0070	EPA 8260C	2-25-16	2-25-16	
2,2-Dichloropropane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
(cis) 1,2-Dichloroethene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
2-Butanone	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Bromochloromethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Chloroform	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,1,1-Trichloroethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Carbon Tetrachloride	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloropropene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Benzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloroethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Trichloroethene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloropropane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Dibromomethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Bromodichloromethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
2-Chloroethyl Vinyl Ether	ND	0.0090	EPA 8260C	2-25-16	2-25-16	
(cis) 1,3-Dichloropropene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Toluene	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
(trans) 1,3-Dichloropropene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	

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 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-9@20'					
Laboratory ID:	02-175-14					
1,1,2-Trichloroethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Tetrachloroethene	0.0012	0.00099	EPA 8260C	2-25-16	2-25-16	
1,3-Dichloropropane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
2-Hexanone	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Dibromochloromethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromoethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Chlorobenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,1,1,2-Tetrachloroethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Ethylbenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
m,p-Xylene	ND	0.0020	EPA 8260C	2-25-16	2-25-16	
o-Xylene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Styrene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Bromoform	ND	0.0013	EPA 8260C	2-25-16	2-25-16	
Isopropylbenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Bromobenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,1,2,2-Tetrachloroethane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichloropropane	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
n-Propylbenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
2-Chlorotoluene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
4-Chlorotoluene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,3,5-Trimethylbenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
tert-Butylbenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trimethylbenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
sec-Butylbenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,3-Dichlorobenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
p-Isopropyltoluene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,4-Dichlorobenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,2-Dichlorobenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
n-Butylbenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trichlorobenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Naphthalene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichlorobenzene	ND	0.00099	EPA 8260C	2-25-16	2-25-16	
<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>104</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-9@30'					
Laboratory ID:	02-175-15					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Chloromethane	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Vinyl Chloride	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Bromomethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Chloroethane	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Acetone	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Iodomethane	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Carbon Disulfide	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Methylene Chloride	ND	0.0067	EPA 8260C	2-25-16	2-25-16	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Vinyl Acetate	ND	0.0075	EPA 8260C	2-25-16	2-25-16	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
2-Butanone	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Bromochloromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Chloroform	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Benzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Trichloroethene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Dibromomethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Bromodichloromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
2-Chloroethyl Vinyl Ether	ND	0.0097	EPA 8260C	2-25-16	2-25-16	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Toluene	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	

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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-9@30'					
Laboratory ID:	02-175-15					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Tetrachloroethene	0.0041	0.0011	EPA 8260C	2-25-16	2-25-16	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
2-Hexanone	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Dibromochloromethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Chlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Ethylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
m,p-Xylene	ND	0.0021	EPA 8260C	2-25-16	2-25-16	
o-Xylene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Styrene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Bromoform	ND	0.0014	EPA 8260C	2-25-16	2-25-16	
Isopropylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Bromobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
n-Propylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
2-Chlorotoluene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
4-Chlorotoluene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
tert-Butylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
sec-Butylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
n-Butylbenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromo-3-chloropropane	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
Hexachlorobutadiene	ND	0.0053	EPA 8260C	2-25-16	2-25-16	
Naphthalene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	2-25-16	2-25-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>94</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<hr/>						
Laboratory ID:	MB0225S1					
Dichlorodifluoromethane	ND	0.0016	EPA 8260C	2-25-16	2-25-16	
Chloromethane	ND	0.0068	EPA 8260C	2-25-16	2-25-16	
Vinyl Chloride	ND	0.0013	EPA 8260C	2-25-16	2-25-16	
Bromomethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Chloroethane	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Acetone	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Iodomethane	ND	0.0069	EPA 8260C	2-25-16	2-25-16	
Carbon Disulfide	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Methylene Chloride	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Vinyl Acetate	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
2-Butanone	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Bromochloromethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Chloroform	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Benzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Trichloroethene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Dibromomethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Bromodichloromethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Toluene	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID: MB0225S1						
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Tetrachloroethene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
2-Hexanone	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Dibromochloromethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Chlorobenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Ethylbenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
m,p-Xylene	ND	0.0020	EPA 8260C	2-25-16	2-25-16	
o-Xylene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Styrene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Bromoform	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Isopropylbenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Bromobenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
n-Propylbenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
2-Chlorotoluene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
4-Chlorotoluene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
tert-Butylbenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
sec-Butylbenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
n-Butylbenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Naphthalene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>119</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>116</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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
<hr/>						
Laboratory ID:	MB0225S2					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Chloromethane	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Vinyl Chloride	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Bromomethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Chloroethane	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Acetone	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Iodomethane	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Carbon Disulfide	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Methylene Chloride	ND	0.0063	EPA 8260C	2-25-16	2-25-16	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Vinyl Acetate	ND	0.0071	EPA 8260C	2-25-16	2-25-16	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
2-Butanone	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Bromochloromethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Chloroform	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Benzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Trichloroethene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Dibromomethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Bromodichloromethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
2-Chloroethyl Vinyl Ether	ND	0.0091	EPA 8260C	2-25-16	2-25-16	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Toluene	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	

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VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID: MB0225S2						
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Tetrachloroethene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
2-Hexanone	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Dibromochloromethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Chlorobenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Ethylbenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
m,p-Xylene	ND	0.0020	EPA 8260C	2-25-16	2-25-16	
o-Xylene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Styrene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Bromoform	ND	0.0013	EPA 8260C	2-25-16	2-25-16	
Isopropylbenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Bromobenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
n-Propylbenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
2-Chlorotoluene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
4-Chlorotoluene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
tert-Butylbenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
sec-Butylbenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
n-Butylbenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	2-25-16	2-25-16	
Naphthalene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	2-25-16	2-25-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>94</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>107</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID: MB0226S3						
Dichlorodifluoromethane	ND	0.0021	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0073	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0014	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0064	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0064	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0072	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0065	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.0094	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
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 Project: ES-3472.07

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID: MB0226S3						
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0020	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>89</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>105</i>	<i>60-146</i>				

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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	Limits		Limit	
SPIKE BLANKS										
Laboratory ID:	SB0225S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0453	0.0450	0.0500	0.0500	91	90	68-126	1	15	
Benzene	0.0504	0.0513	0.0500	0.0500	101	103	75-121	2	15	
Trichloroethene	0.0499	0.0505	0.0500	0.0500	100	101	75-116	1	15	
Toluene	0.0525	0.0533	0.0500	0.0500	105	107	80-115	2	15	
Chlorobenzene	0.0491	0.0505	0.0500	0.0500	98	101	76-120	3	15	
Surrogate:										
Dibromofluoromethane					109	109	76-131			
Toluene-d8					107	105	80-126			
4-Bromofluorobenzene					93	93	60-146			

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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	Limit			
SPIKE BLANKS										
Laboratory ID:	SB0225S2									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0429	0.0439	0.0500	0.0500	86	88	68-126	2	15	
Benzene	0.0467	0.0482	0.0500	0.0500	93	96	75-121	3	15	
Trichloroethene	0.0528	0.0531	0.0500	0.0500	106	106	75-116	1	15	
Toluene	0.0525	0.0525	0.0500	0.0500	105	105	80-115	0	15	
Chlorobenzene	0.0501	0.0501	0.0500	0.0500	100	100	76-120	0	15	
Surrogate:										
Dibromofluoromethane					91	93	76-131			
Toluene-d8					101	100	80-126			
4-Bromofluorobenzene					105	106	60-146			

Date of Report: March 1, 2016
 Samples Submitted: February 23, 2016
 Laboratory Reference: 1602-175
 Project: ES-3472.07

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	Limits		Limit	
SPIKE BLANKS										
Laboratory ID:	SB0226S2									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0447	0.0437	0.0500	0.0500	89	87	68-126	2	15	
Benzene	0.0468	0.0480	0.0500	0.0500	94	96	75-121	3	15	
Trichloroethene	0.0554	0.0537	0.0500	0.0500	111	107	75-116	3	15	
Toluene	0.0554	0.0538	0.0500	0.0500	111	108	80-115	3	15	
Chlorobenzene	0.0526	0.0516	0.0500	0.0500	105	103	76-120	2	15	
Surrogate:										
Dibromofluoromethane					84	84	76-131			
Toluene-d8					98	97	80-126			
4-Bromofluorobenzene					102	101	60-146			

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 Samples Submitted: February 23, 2016
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 Project: ES-3472.07

% MOISTURE

Date Analyzed: 2-25-16

Client ID	Lab ID	% Moisture
B-12@1.5'	02-175-01	9
B-12@5'	02-175-02	12
B-12@12.5'	02-175-03	11
B-12@20'	02-175-04	5
B-12@30'	02-175-05	7
B-10@1.5'	02-175-06	10
B-10@7.5'	02-175-07	10
B-10@15'	02-175-08	9
B-10@20'	02-175-09	6
B-10@30'	02-175-10	11
B-9@1.5'	02-175-11	10
B-9@7.5'	02-175-12	11
B-9@15'	02-175-13	9
B-9@20'	02-175-14	7
B-9@30'	02-175-15	10



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

Chain of Custody

Page 1 of 2
02-175

Company: Earth Solutions NW
Project Number: ES-3472.07
Project Name: Sheswood Shopping Center
Project Manager: Ted Sykes
Sampled by: Ted Sykes

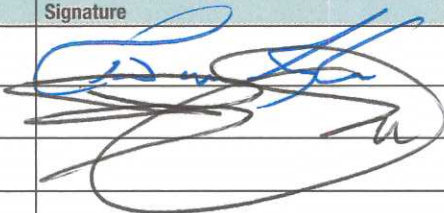

**Turnaround Request
(in working days)**

(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	NWTPH	NWTPH	NWTPH	NWTPH	Volatiles	Halogen	Semivolatile (with low PAHs)	PAHs	PCBs	Organochlorine	Organophosphate	Chlorine	Total R	Total M	TCLP M	HEM (oil and grease)						% Moisture	
1	B-12G 1.5'	2/23/16	8:25	Soil	4					X																	X	
2	B-12G 5'	↓	8:46	↓	4					X																	X	
3	B-12G 12.5'		9:04		4					X																		X
4	B-12G 20'		9:26		4					X																		X
5	B-12G 30'		9:40		4					X																		X
6	B-10G 1.5'		10:05		4					X																		X
7	B-10G 7.5'	↓	10:55	↓	4					X																	X	
8	B-10G 15'		11:05		4					X																		X
9	B-10G 20'		11:23		4					X																		X
10	B-10G 30'		11:33		4					X																		X

Signature	Company	Date	Time	Comments/Special Instructions
	ESNW	2/23/16	1425	
	ESNW	2/23/16	1425	
Reviewed/Date	Reviewed/Date	Chromatograms with final report <input type="checkbox"/>		



Company: EARTH SOLUTIONS NW
Project Number: ES-3472.07
Project Name: SHERWOOD SHOPPING CENTER
Project Manager: TED SYKES
Sampled by: TED SYKES

Page 2 of 2

02-175

Laboratory Number:

☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
 (TPH analysis 5 Days)
☐ _____ (other)

Number of Containers

[illegible]

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished	ESNEW	2/23/16	1425	
Received	Q-Gile Eu	2/23/16	1425	
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date	Chromatograms with final report <input type="checkbox"/>		

OnSite Environmental, Inc. #1602-196



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

March 3, 2016

Ted Sykes
Earth Solutions NW, LLC
1805 136th Place NE, Suite #201
Bellevue, WA 98005

Re: Analytical Data for Project ES-3472.07
Laboratory Reference No. 1602-196

Dear Ted:

Enclosed are the analytical results and associated quality control data for samples submitted on February 24, 2016.

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 "DeB" followed by a stylized flourish or checkmark.

David Baumeister
Project Manager

Enclosures

Date of Report: March 3, 2016
Samples Submitted: February 24, 2016
Laboratory Reference: 1602-196
Project: ES-3472.07

Case Narrative

Samples were collected on February 24, 2016 and received by the laboratory on February 24, 2016. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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 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: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

VOLATILES EPA 8260C
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-11@1.5'					
Laboratory ID:	02-196-01					
Dichlorodifluoromethane	ND	0.0023	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0081	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0015	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0071	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0071	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0055	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0089	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0080	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0072	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.010	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0055	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0055	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-11@1.5'					
Laboratory ID:	02-196-01					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	0.0065	0.0011	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0055	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0022	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0055	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0055	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>93</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

VOLATILES EPA 8260C

page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-11@7.5'					
Laboratory ID:	02-196-02					
Dichlorodifluoromethane	ND	0.0016	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0057	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0039	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0062	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0056	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.0073	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0039	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0039	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-11@7.5'					
Laboratory ID:	02-196-02					
1,1,2-Trichloroethane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	0.0050	0.00078	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0039	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0016	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0039	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0039	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.00078	EPA 8260C	2-26-16	2-26-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>102</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>112</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>114</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

VOLATILES EPA 8260C

page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-11@15'					
Laboratory ID:	02-196-03					
Dichlorodifluoromethane	ND	0.0019	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0065	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0013	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0057	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0057	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0045	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0072	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0065	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0058	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.0084	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0045	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0045	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	

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 Samples Submitted: February 24, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-11@15'					
Laboratory ID:	02-196-03					
1,1,2-Trichloroethane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0045	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0018	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0045	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0045	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.00090	EPA 8260C	2-26-16	2-26-16	
<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>100</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>104</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-11@20'					
Laboratory ID:	02-196-04					
Dichlorodifluoromethane	ND	0.0019	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0065	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0057	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0057	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0071	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0064	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0058	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.0084	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	

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 Samples Submitted: February 24, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-11@20'					
Laboratory ID:	02-196-04					
1,1,2-Trichloroethane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0018	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.00089	EPA 8260C	2-26-16	2-26-16	
<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>103</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>105</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-11@30'					
Laboratory ID:	02-196-05					
Dichlorodifluoromethane	ND	0.0025	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0086	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0017	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0076	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0076	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0059	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0095	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0085	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0077	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.011	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0059	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0059	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	

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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-11@30'					
Laboratory ID:	02-196-05					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0059	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0024	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0059	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
<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>107</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>112</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-14@1.5'					
Laboratory ID:	02-196-06					
Dichlorodifluoromethane	ND	0.0024	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0082	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0016	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0072	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0072	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0056	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0090	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0081	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0073	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.011	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0056	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0056	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-14@1.5'					
Laboratory ID:	02-196-06					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0056	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0022	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0056	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0056	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	2-26-16	2-26-16	
<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>105</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>107</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-14@7.5'					
Laboratory ID:	02-196-07					
Dichlorodifluoromethane	ND	0.0018	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0063	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0055	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Acetone	0.0066	0.0055	EPA 8260C	2-26-16	2-26-16	Y
Iodomethane	ND	0.0043	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0069	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0062	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0056	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.0081	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0043	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0043	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	

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 Samples Submitted: February 24, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-14@7.5'					
Laboratory ID:	02-196-07					
1,1,2-Trichloroethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	0.0042	0.00086	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0043	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0017	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0043	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0043	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.00086	EPA 8260C	2-26-16	2-26-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>97</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>105</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>105</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-14@15'					
Laboratory ID:	02-196-08					
Dichlorodifluoromethane	ND	0.0020	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0069	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0013	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0061	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0061	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0048	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0076	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0068	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0062	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.0089	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0048	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	

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 Samples Submitted: February 24, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-14@15'					
Laboratory ID:	02-196-08					
1,1,2-Trichloroethane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0048	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0019	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0048	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0048	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.00095	EPA 8260C	2-26-16	2-26-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>94</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>106</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>107</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-14@20'					
Laboratory ID:	02-196-09					
Dichlorodifluoromethane	ND	0.0022	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0075	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0014	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0066	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0066	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0051	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0082	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0074	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0067	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.0096	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0051	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0051	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-14@20'					
Laboratory ID:	02-196-09					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0051	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0020	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0051	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0051	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>93</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>109</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-14@30'					
Laboratory ID:	02-196-10					
Dichlorodifluoromethane	ND	0.0025	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0087	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0017	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0076	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0076	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0059	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0095	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0086	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0077	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.011	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0059	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0059	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	

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 Samples Submitted: February 24, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-14@30'					
Laboratory ID:	02-196-10					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0059	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0024	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0059	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
<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>109</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>113</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-13@1.5'					
Laboratory ID:	02-196-11					
Dichlorodifluoromethane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Chloromethane	ND	0.0041	EPA 8260C	3-1-16	3-1-16	
Vinyl Chloride	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Bromomethane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Chloroethane	ND	0.0041	EPA 8260C	3-1-16	3-1-16	
Trichlorofluoromethane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
1,1-Dichloroethene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Acetone	ND	0.0041	EPA 8260C	3-1-16	3-1-16	
Iodomethane	ND	0.0041	EPA 8260C	3-1-16	3-1-16	
Carbon Disulfide	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Methylene Chloride	ND	0.0041	EPA 8260C	3-1-16	3-1-16	
(trans) 1,2-Dichloroethene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Methyl t-Butyl Ether	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
1,1-Dichloroethane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Vinyl Acetate	ND	0.0041	EPA 8260C	3-1-16	3-1-16	
2,2-Dichloropropane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
(cis) 1,2-Dichloroethene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
2-Butanone	ND	0.0041	EPA 8260C	3-1-16	3-1-16	
Bromochloromethane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Chloroform	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
1,1,1-Trichloroethane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Carbon Tetrachloride	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
1,1-Dichloropropene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Benzene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
1,2-Dichloroethane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Trichloroethene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
1,2-Dichloropropane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Dibromomethane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Bromodichloromethane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
2-Chloroethyl Vinyl Ether	ND	0.0041	EPA 8260C	3-1-16	3-1-16	
(cis) 1,3-Dichloropropene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Methyl Isobutyl Ketone	ND	0.0041	EPA 8260C	3-1-16	3-1-16	
Toluene	ND	0.0041	EPA 8260C	3-1-16	3-1-16	
(trans) 1,3-Dichloropropene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	

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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-13@1.5'					
Laboratory ID:	02-196-11					
1,1,2-Trichloroethane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Tetrachloroethene	0.0021	0.00081	EPA 8260C	3-1-16	3-1-16	
1,3-Dichloropropane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
2-Hexanone	ND	0.0041	EPA 8260C	3-1-16	3-1-16	
Dibromochloromethane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
1,2-Dibromoethane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Chlorobenzene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
1,1,1,2-Tetrachloroethane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Ethylbenzene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
m,p-Xylene	ND	0.0016	EPA 8260C	3-1-16	3-1-16	
o-Xylene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Styrene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Bromoform	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Isopropylbenzene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Bromobenzene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
1,1,2,2-Tetrachloroethane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
1,2,3-Trichloropropane	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
n-Propylbenzene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
2-Chlorotoluene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
4-Chlorotoluene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
1,3,5-Trimethylbenzene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
tert-Butylbenzene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
1,2,4-Trimethylbenzene	0.0011	0.00081	EPA 8260C	3-1-16	3-1-16	
sec-Butylbenzene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
1,3-Dichlorobenzene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
p-Isopropyltoluene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
1,4-Dichlorobenzene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
1,2-Dichlorobenzene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
n-Butylbenzene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
1,2-Dibromo-3-chloropropane	ND	0.0041	EPA 8260C	3-1-16	3-1-16	
1,2,4-Trichlorobenzene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
Hexachlorobutadiene	ND	0.0041	EPA 8260C	3-1-16	3-1-16	
Naphthalene	0.0012	0.0011	EPA 8260C	3-1-16	3-1-16	Y
1,2,3-Trichlorobenzene	ND	0.00081	EPA 8260C	3-1-16	3-1-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>119</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>115</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-13@7.5'					
Laboratory ID:	02-196-12					
Dichlorodifluoromethane	ND	0.0018	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0064	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0056	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Acetone	0.013	0.0056	EPA 8260C	2-26-16	2-26-16	Y
Iodomethane	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0070	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0063	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0057	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.0083	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	

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 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-13@7.5'					
Laboratory ID:	02-196-12					
1,1,2-Trichloroethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	0.0058	0.00088	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0018	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.00088	EPA 8260C	2-26-16	2-26-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>86</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>104</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-13@15'					
Laboratory ID:	02-196-13					
Dichlorodifluoromethane	ND	0.0018	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0064	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0056	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Acetone	0.0069	0.0056	EPA 8260C	2-26-16	2-26-16	Y
Iodomethane	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0070	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0063	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0057	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.0082	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	

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 Samples Submitted: February 24, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-13@15'					
Laboratory ID:	02-196-13					
1,1,2-Trichloroethane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0017	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0044	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.00087	EPA 8260C	2-26-16	2-26-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>93</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-13@20'					
Laboratory ID:	02-196-14					
Dichlorodifluoromethane	ND	0.0025	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0087	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0017	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0076	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0076	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0060	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0096	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0086	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0078	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.011	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0060	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0060	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	

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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-13@20'					
Laboratory ID:	02-196-14					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0060	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0024	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0060	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0060	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	2-26-16	2-26-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>93</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>104</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-13@30'					
Laboratory ID:	02-196-15					
Dichlorodifluoromethane	ND	0.0021	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0072	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0014	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0063	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0063	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0049	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0079	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0071	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0064	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.0093	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0049	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0049	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-13@30'					
Laboratory ID:	02-196-15					
1,1,2-Trichloroethane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0049	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0020	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0049	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0049	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.00098	EPA 8260C	2-26-16	2-26-16	
<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>102</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>105</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<hr/>						
Laboratory ID:	MB0226S3					
Dichlorodifluoromethane	ND	0.0021	EPA 8260C	2-26-16	2-26-16	
Chloromethane	ND	0.0073	EPA 8260C	2-26-16	2-26-16	
Vinyl Chloride	ND	0.0014	EPA 8260C	2-26-16	2-26-16	
Bromomethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Chloroethane	ND	0.0064	EPA 8260C	2-26-16	2-26-16	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Acetone	ND	0.0064	EPA 8260C	2-26-16	2-26-16	
Iodomethane	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Carbon Disulfide	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Methylene Chloride	ND	0.0080	EPA 8260C	2-26-16	2-26-16	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Vinyl Acetate	ND	0.0072	EPA 8260C	2-26-16	2-26-16	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
2-Butanone	ND	0.0065	EPA 8260C	2-26-16	2-26-16	
Bromochloromethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Chloroform	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Benzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Trichloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Dibromomethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Bromodichloromethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
2-Chloroethyl Vinyl Ether	ND	0.0094	EPA 8260C	2-26-16	2-26-16	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Toluene	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	

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 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID: MB0226S3						
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Tetrachloroethene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
2-Hexanone	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Dibromochloromethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Chlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Ethylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
m,p-Xylene	ND	0.0020	EPA 8260C	2-26-16	2-26-16	
o-Xylene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Styrene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Bromoform	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Isopropylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Bromobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
n-Propylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
2-Chlorotoluene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
4-Chlorotoluene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
tert-Butylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
sec-Butylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
n-Butylbenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	2-26-16	2-26-16	
Naphthalene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	2-26-16	2-26-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>89</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>105</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<hr/>						
Laboratory ID:	MB0301S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Chloromethane	ND	0.0050	EPA 8260C	3-1-16	3-1-16	
Vinyl Chloride	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Bromomethane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Chloroethane	ND	0.0050	EPA 8260C	3-1-16	3-1-16	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Acetone	ND	0.0050	EPA 8260C	3-1-16	3-1-16	
Iodomethane	ND	0.0050	EPA 8260C	3-1-16	3-1-16	
Carbon Disulfide	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Methylene Chloride	ND	0.0050	EPA 8260C	3-1-16	3-1-16	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Vinyl Acetate	ND	0.0050	EPA 8260C	3-1-16	3-1-16	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
2-Butanone	ND	0.0050	EPA 8260C	3-1-16	3-1-16	
Bromochloromethane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Chloroform	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Benzene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Trichloroethene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Dibromomethane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Bromodichloromethane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	3-1-16	3-1-16	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	3-1-16	3-1-16	
Toluene	ND	0.0050	EPA 8260C	3-1-16	3-1-16	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
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 Project: ES-3472.07

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0301S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Tetrachloroethene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
2-Hexanone	ND	0.0050	EPA 8260C	3-1-16	3-1-16	
Dibromochloromethane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Chlorobenzene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Ethylbenzene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
m,p-Xylene	ND	0.0020	EPA 8260C	3-1-16	3-1-16	
o-Xylene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Styrene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Bromoform	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Isopropylbenzene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Bromobenzene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
n-Propylbenzene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
2-Chlorotoluene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
4-Chlorotoluene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
tert-Butylbenzene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
sec-Butylbenzene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
n-Butylbenzene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	3-1-16	3-1-16	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	3-1-16	3-1-16	
Naphthalene	ND	0.0014	EPA 8260C	3-1-16	3-1-16	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	3-1-16	3-1-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>119</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>121</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>60-146</i>				

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

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	Limit			
SPIKE BLANKS										
Laboratory ID:	SB0226S2									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0447	0.0437	0.0500	0.0500	89	87	68-126	2	15	
Benzene	0.0468	0.0480	0.0500	0.0500	94	96	75-121	3	15	
Trichloroethene	0.0554	0.0537	0.0500	0.0500	111	107	75-116	3	15	
Toluene	0.0554	0.0538	0.0500	0.0500	111	108	80-115	3	15	
Chlorobenzene	0.0526	0.0516	0.0500	0.0500	105	103	76-120	2	15	
Surrogate:										
Dibromofluoromethane					84	84	76-131			
Toluene-d8					98	97	80-126			
4-Bromofluorobenzene					102	101	60-146			

Date of Report: March 3, 2016
 Samples Submitted: February 24, 2016
 Laboratory Reference: 1602-196
 Project: ES-3472.07

VOLATILES by EPA 8260C
SB/SBD QUALITY CONTROL

Matrix: Soil
 Units: mg/kg

Analyte	Result		Spike Level		Percent		Recovery		RPD	
					Recovery		Limits		RPD	Limit
SPIKE BLANKS										
Laboratory ID:	SB0301S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0394	0.0407	0.0500	0.0500	79	81	68-126	3	15	
Benzene	0.0466	0.0492	0.0500	0.0500	93	98	75-121	5	15	
Trichloroethene	0.0487	0.0487	0.0500	0.0500	97	97	75-116	0	15	
Toluene	0.0490	0.0506	0.0500	0.0500	98	101	80-115	3	15	
Chlorobenzene	0.0459	0.0472	0.0500	0.0500	92	94	76-120	3	15	
Surrogate:										
Dibromofluoromethane					113	111	76-131			
Toluene-d8					109	107	80-126			
4-Bromofluorobenzene					93	91	60-146			

Date of Report: March 3, 2016
Samples Submitted: February 24, 2016
Laboratory Reference: 1602-196
Project: ES-3472.07

% MOISTURE

Date Analyzed: 2-26-16

Client ID	Lab ID	% Moisture
B-11@1.5'	02-196-01	11
B-11@7.5'	02-196-02	7
B-11@15'	02-196-03	13
B-11@20'	02-196-04	8
B-11@30'	02-196-05	11
B-14@1.5'	02-196-06	15
B-14@7.5'	02-196-07	12
B-14@15'	02-196-08	12
B-14@20'	02-196-09	9
B-14@30'	02-196-10	10
B-13@1.5'	02-196-11	6
B-13@7.5'	02-196-12	12
B-13@15'	02-196-13	10
B-13@20'	02-196-14	8
B-13@30'	02-196-15	8



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 1 of 2

Company: EARTH SOLUTIONS NW
Project Number: ES-3472.07
Project Name: SHERWOOD SHOPPING CENTER
Project Manager: TED SYKES
Sampled by: TED SYKES

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: **02-196**

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number	NWTPH	NWTPH	NWTPH	NWTPH	Volatiles	Halogenes	Semivolatiles (with low PAHs & PCBs & Organochlorine)	Organophosphorus	Chlorine	Total RCRA	Total MT	TCLP M	HEM (oil & grease)							% Moisture	
1	B-11G 1.5'	2/24/16	8:34	Soil	4					X																X
2	B-11G 7.5'		9:06		4					X																
3	B-11G 15'		9:16		4					X																
4	B-11G 20'		9:32		4					X																
5	B-11G 30'		9:42		4					X																
6	B-14G 1.5'		10:30		4					X																
7	B-14G 7.5'		11:00		4					X																
8	B-14G 15'		11:16		4					X																
9	B-14G 20'		11:33		4					X																
10	B-14G 30'		11:46		4					X																

Signature	Company	Date	Time	Comments/Special Instructions
<u>[Signature]</u>	<u>ESNW</u>	<u>2/24/16</u>	<u>2:45</u>	
<u>[Signature]</u>	<u>[Signature]</u>	<u>2/24/16</u>	<u>1445</u>	
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date			Chromatograms with final report <input type="checkbox"/>

Chain of Custody

Company: Earth Solutions NW
Project Number: ES-3472.07
Project Name: Sherwood Shopping Center
Project Manager: Ted Sykes
Sampled by: Ted Sykes

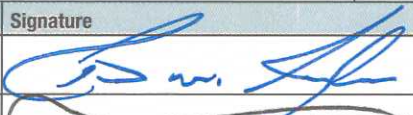

Turnaround Request
(in working days)

(Check One)

☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: **02-196**

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number	NWTPH	NWTPH	NWTPH	NWTPH	Volatiles	Halogenes	Semivolatiles (with low)	PAHs 8:	PCBs 8:	Organoc	Organop	Chlorina	Total RC	Total M	TCLP M	HEM (o							% Mois
11	B-13G 1.5'	2/24/16	1pm	Soil	4					X																		X
12	B-13G 7.5'	↓	1:50pm	↓	4					X																		↓
13	B-13G 15'		2pm		4						X																	
14	B-13G 20'		2:15pm		4						X																	
15	B-13G 30'		2:20pm		4						X																	

Signature	Company	Date	Time	Comments/Special Instructions
	ESNW	2/24/16	2:45	
	ESNW	2/24/16	1:45	
Reviewed/Date	Reviewed/Date	Chromatograms with final report <input type="checkbox"/>		

OnSite Environmental, Inc. #1602-209



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

March 4, 2016

Ted Sykes
Earth Solutions NW, LLC
1805 136th Place NE, Suite #201
Bellevue, WA 98005

Re: Analytical Data for Project ES-3472.07
Laboratory Reference No. 1602-209

Dear Ted:

Enclosed are the analytical results and associated quality control data for samples submitted on February 25, 2016.

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 "DeB" followed by a stylized flourish or checkmark.

David Baumeister
Project Manager

Enclosures

Date of Report: March 4, 2016
Samples Submitted: February 25, 2016
Laboratory Reference: 1602-209
Project: ES-3472.07

Case Narrative

Samples were collected on February 25, 2016 and received by the laboratory on February 25, 2016. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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 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: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

VOLATILES EPA 8260C

Page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-18@1.5'					
Laboratory ID:	02-209-01					
Dichlorodifluoromethane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Chloromethane	ND	0.0043	EPA 8260C	2-29-16	2-29-16	
Vinyl Chloride	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Bromomethane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Chloroethane	ND	0.0043	EPA 8260C	2-29-16	2-29-16	
Trichlorofluoromethane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloroethene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Acetone	ND	0.0043	EPA 8260C	2-29-16	2-29-16	
Iodomethane	ND	0.0043	EPA 8260C	2-29-16	2-29-16	
Carbon Disulfide	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Methylene Chloride	ND	0.0043	EPA 8260C	2-29-16	2-29-16	
(trans) 1,2-Dichloroethene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Methyl t-Butyl Ether	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloroethane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Vinyl Acetate	ND	0.0043	EPA 8260C	2-29-16	2-29-16	
2,2-Dichloropropane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
(cis) 1,2-Dichloroethene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
2-Butanone	ND	0.0043	EPA 8260C	2-29-16	2-29-16	
Bromochloromethane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Chloroform	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,1,1-Trichloroethane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Carbon Tetrachloride	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloropropene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Benzene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,2-Dichloroethane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Trichloroethene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,2-Dichloropropane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Dibromomethane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Bromodichloromethane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
2-Chloroethyl Vinyl Ether	ND	0.0043	EPA 8260C	2-29-16	2-29-16	
(cis) 1,3-Dichloropropene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Methyl Isobutyl Ketone	ND	0.0043	EPA 8260C	2-29-16	2-29-16	
Toluene	ND	0.0043	EPA 8260C	2-29-16	2-29-16	
(trans) 1,3-Dichloropropene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

VOLATILES EPA 8260C

Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-18@1.5'					
Laboratory ID:	02-209-01					
1,1,2-Trichloroethane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Tetrachloroethene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,3-Dichloropropane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
2-Hexanone	ND	0.0043	EPA 8260C	2-29-16	2-29-16	
Dibromochloromethane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,2-Dibromoethane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Chlorobenzene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,1,1,2-Tetrachloroethane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Ethylbenzene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
m,p-Xylene	ND	0.0017	EPA 8260C	2-29-16	2-29-16	
o-Xylene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Styrene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Bromoform	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Isopropylbenzene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Bromobenzene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,1,2,2-Tetrachloroethane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,2,3-Trichloropropane	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
n-Propylbenzene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
2-Chlorotoluene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
4-Chlorotoluene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,3,5-Trimethylbenzene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
tert-Butylbenzene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,2,4-Trimethylbenzene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
sec-Butylbenzene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,3-Dichlorobenzene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
p-Isopropyltoluene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,4-Dichlorobenzene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,2-Dichlorobenzene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
n-Butylbenzene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
1,2-Dibromo-3-chloropropane	ND	0.0057	EPA 8260C	2-29-16	2-29-16	
1,2,4-Trichlorobenzene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
Hexachlorobutadiene	ND	0.0043	EPA 8260C	2-29-16	2-29-16	
Naphthalene	ND	0.0012	EPA 8260C	2-29-16	2-29-16	
1,2,3-Trichlorobenzene	ND	0.00086	EPA 8260C	2-29-16	2-29-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>121</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>118</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

VOLATILES EPA 8260C

Page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-18@7.5'					
Laboratory ID:	02-209-02					
Dichlorodifluoromethane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Chloromethane	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
Vinyl Chloride	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Bromomethane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Chloroethane	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
Trichlorofluoromethane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloroethene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Acetone	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
Iodomethane	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
Carbon Disulfide	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Methylene Chloride	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
(trans) 1,2-Dichloroethene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Methyl t-Butyl Ether	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloroethane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Vinyl Acetate	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
2,2-Dichloropropane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
(cis) 1,2-Dichloroethene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
2-Butanone	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
Bromochloromethane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Chloroform	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,1,1-Trichloroethane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Carbon Tetrachloride	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloropropene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Benzene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,2-Dichloroethane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Trichloroethene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,2-Dichloropropane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Dibromomethane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Bromodichloromethane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
2-Chloroethyl Vinyl Ether	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
(cis) 1,3-Dichloropropene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Methyl Isobutyl Ketone	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
Toluene	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
(trans) 1,3-Dichloropropene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

VOLATILES EPA 8260C

Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-18@7.5'					
Laboratory ID:	02-209-02					
1,1,2-Trichloroethane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Tetrachloroethene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,3-Dichloropropane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
2-Hexanone	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
Dibromochloromethane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,2-Dibromoethane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Chlorobenzene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,1,1,2-Tetrachloroethane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Ethylbenzene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
m,p-Xylene	ND	0.0019	EPA 8260C	2-29-16	2-29-16	
o-Xylene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Styrene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Bromoform	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Isopropylbenzene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Bromobenzene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,1,2,2-Tetrachloroethane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,2,3-Trichloropropane	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
n-Propylbenzene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
2-Chlorotoluene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
4-Chlorotoluene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,3,5-Trimethylbenzene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
tert-Butylbenzene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,2,4-Trimethylbenzene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
sec-Butylbenzene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,3-Dichlorobenzene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
p-Isopropyltoluene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,4-Dichlorobenzene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,2-Dichlorobenzene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
n-Butylbenzene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
1,2-Dibromo-3-chloropropane	ND	0.0061	EPA 8260C	2-29-16	2-29-16	
1,2,4-Trichlorobenzene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
Hexachlorobutadiene	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
Naphthalene	ND	0.0013	EPA 8260C	2-29-16	2-29-16	
1,2,3-Trichlorobenzene	ND	0.00093	EPA 8260C	2-29-16	2-29-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>127</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>122</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

VOLATILES EPA 8260C

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-18@15'					
Laboratory ID:	02-209-03					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Chloromethane	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
Vinyl Chloride	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Bromomethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Chloroethane	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Acetone	0.015	0.0050	EPA 8260C	2-29-16	2-29-16	
Iodomethane	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
Carbon Disulfide	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Methylene Chloride	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Vinyl Acetate	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
2-Butanone	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
Bromochloromethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Chloroform	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Benzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Trichloroethene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Dibromomethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Bromodichloromethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
Toluene	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-18@15'					
Laboratory ID:	02-209-03					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Tetrachloroethene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
2-Hexanone	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
Dibromochloromethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Chlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Ethylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
m,p-Xylene	ND	0.0020	EPA 8260C	2-29-16	2-29-16	
o-Xylene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Styrene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Bromoform	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Isopropylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Bromobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
n-Propylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
2-Chlorotoluene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
4-Chlorotoluene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
tert-Butylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
sec-Butylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
n-Butylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2-Dibromo-3-chloropropane	ND	0.0066	EPA 8260C	2-29-16	2-29-16	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
Naphthalene	ND	0.0014	EPA 8260C	2-29-16	2-29-16	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>119</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>115</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-18@30'					
Laboratory ID:	02-209-04					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Chloromethane	ND	0.0055	EPA 8260C	2-29-16	2-29-16	
Vinyl Chloride	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Bromomethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Chloroethane	ND	0.0055	EPA 8260C	2-29-16	2-29-16	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Acetone	ND	0.0055	EPA 8260C	2-29-16	2-29-16	
Iodomethane	ND	0.0055	EPA 8260C	2-29-16	2-29-16	
Carbon Disulfide	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Methylene Chloride	ND	0.0055	EPA 8260C	2-29-16	2-29-16	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Vinyl Acetate	ND	0.0055	EPA 8260C	2-29-16	2-29-16	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
2-Butanone	ND	0.0055	EPA 8260C	2-29-16	2-29-16	
Bromochloromethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Chloroform	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Benzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Trichloroethene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Dibromomethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Bromodichloromethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
2-Chloroethyl Vinyl Ether	ND	0.0055	EPA 8260C	2-29-16	2-29-16	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Methyl Isobutyl Ketone	ND	0.0055	EPA 8260C	2-29-16	2-29-16	
Toluene	ND	0.0055	EPA 8260C	2-29-16	2-29-16	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-18@30'					
Laboratory ID:	02-209-04					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Tetrachloroethene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
2-Hexanone	ND	0.0055	EPA 8260C	2-29-16	2-29-16	
Dibromochloromethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Chlorobenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Ethylbenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
m,p-Xylene	ND	0.0022	EPA 8260C	2-29-16	2-29-16	
o-Xylene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Styrene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Bromoform	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Isopropylbenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Bromobenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
n-Propylbenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
2-Chlorotoluene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
4-Chlorotoluene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
tert-Butylbenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
sec-Butylbenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
n-Butylbenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,2-Dibromo-3-chloropropane	ND	0.0073	EPA 8260C	2-29-16	2-29-16	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Hexachlorobutadiene	ND	0.0055	EPA 8260C	2-29-16	2-29-16	
Naphthalene	ND	0.0015	EPA 8260C	2-29-16	2-29-16	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>119</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>111</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>96</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-17@1.5'					
Laboratory ID:	02-209-05					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Chloromethane	ND	0.0053	EPA 8260C	2-29-16	2-29-16	
Vinyl Chloride	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Bromomethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Chloroethane	ND	0.0053	EPA 8260C	2-29-16	2-29-16	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Acetone	ND	0.0053	EPA 8260C	2-29-16	2-29-16	
Iodomethane	ND	0.0053	EPA 8260C	2-29-16	2-29-16	
Carbon Disulfide	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Methylene Chloride	ND	0.0053	EPA 8260C	2-29-16	2-29-16	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Vinyl Acetate	ND	0.0053	EPA 8260C	2-29-16	2-29-16	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
2-Butanone	ND	0.0053	EPA 8260C	2-29-16	2-29-16	
Bromochloromethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Chloroform	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Benzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Trichloroethene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Dibromomethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Bromodichloromethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260C	2-29-16	2-29-16	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260C	2-29-16	2-29-16	
Toluene	ND	0.0053	EPA 8260C	2-29-16	2-29-16	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	

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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-17@1.5'					
Laboratory ID:	02-209-05					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Tetrachloroethene	0.0022	0.0011	EPA 8260C	2-29-16	2-29-16	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
2-Hexanone	ND	0.0053	EPA 8260C	2-29-16	2-29-16	
Dibromochloromethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Chlorobenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Ethylbenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
m,p-Xylene	ND	0.0021	EPA 8260C	2-29-16	2-29-16	
o-Xylene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Styrene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Bromoform	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Isopropylbenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Bromobenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
n-Propylbenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
2-Chlorotoluene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
4-Chlorotoluene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
tert-Butylbenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
sec-Butylbenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
n-Butylbenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
1,2-Dibromo-3-chloropropane	ND	0.0070	EPA 8260C	2-29-16	2-29-16	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
Hexachlorobutadiene	ND	0.0053	EPA 8260C	2-29-16	2-29-16	
Naphthalene	ND	0.0015	EPA 8260C	2-29-16	2-29-16	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	2-29-16	2-29-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>121</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>115</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>60-146</i>				

Date of Report: March 4, 2016
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 Laboratory Reference: 1602-209
 Project: ES-3472.07

VOLATILES EPA 8260C

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-17@15'					
Laboratory ID:	02-209-06					
Dichlorodifluoromethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Chloromethane	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Vinyl Chloride	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Bromomethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Chloroethane	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Trichlorofluoromethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Acetone	0.031	0.0048	EPA 8260C	3-2-16	3-2-16	Y
Iodomethane	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Carbon Disulfide	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Methylene Chloride	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Methyl t-Butyl Ether	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Vinyl Acetate	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
2,2-Dichloropropane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
2-Butanone	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Bromochloromethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Chloroform	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1,1-Trichloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Carbon Tetrachloride	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloropropene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Benzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Trichloroethene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloropropane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Dibromomethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Bromodichloromethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
(cis) 1,3-Dichloropropene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Toluene	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
(trans) 1,3-Dichloropropene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	

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 Samples Submitted: February 25, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-17@15'					
Laboratory ID:	02-209-06					
1,1,2-Trichloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Tetrachloroethene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,3-Dichloropropane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
2-Hexanone	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Dibromochloromethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromoethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Chlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1,1,2-Tetrachloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Ethylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
m,p-Xylene	ND	0.0019	EPA 8260C	3-2-16	3-2-16	
o-Xylene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Styrene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Bromoform	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Isopropylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Bromobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1,2,2-Tetrachloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichloropropane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
n-Propylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
2-Chlorotoluene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
4-Chlorotoluene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,3,5-Trimethylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
tert-Butylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trimethylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
sec-Butylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,3-Dichlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
p-Isopropyltoluene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,4-Dichlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2-Dichlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
n-Butylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromo-3-chloropropane	ND	0.0064	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trichlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Hexachlorobutadiene	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Naphthalene	ND	0.0015	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>117</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>113</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-17@20'					
Laboratory ID:	02-209-07					
Dichlorodifluoromethane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Chloromethane	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
Vinyl Chloride	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Bromomethane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Chloroethane	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
Trichlorofluoromethane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloroethene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Acetone	0.0054	0.0046	EPA 8260C	2-29-16	2-29-16	
Iodomethane	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
Carbon Disulfide	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Methylene Chloride	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
(trans) 1,2-Dichloroethene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Methyl t-Butyl Ether	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloroethane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Vinyl Acetate	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
2,2-Dichloropropane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
(cis) 1,2-Dichloroethene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
2-Butanone	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
Bromochloromethane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Chloroform	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,1,1-Trichloroethane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Carbon Tetrachloride	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloropropene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Benzene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,2-Dichloroethane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Trichloroethene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,2-Dichloropropane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Dibromomethane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Bromodichloromethane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
2-Chloroethyl Vinyl Ether	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
(cis) 1,3-Dichloropropene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Methyl Isobutyl Ketone	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
Toluene	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
(trans) 1,3-Dichloropropene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	

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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-17@20'					
Laboratory ID:	02-209-07					
1,1,2-Trichloroethane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Tetrachloroethene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,3-Dichloropropane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
2-Hexanone	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
Dibromochloromethane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,2-Dibromoethane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Chlorobenzene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,1,1,2-Tetrachloroethane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Ethylbenzene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
m,p-Xylene	ND	0.0018	EPA 8260C	2-29-16	2-29-16	
o-Xylene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Styrene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Bromoform	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Isopropylbenzene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Bromobenzene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,1,2,2-Tetrachloroethane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,2,3-Trichloropropane	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
n-Propylbenzene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
2-Chlorotoluene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
4-Chlorotoluene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,3,5-Trimethylbenzene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
tert-Butylbenzene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,2,4-Trimethylbenzene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
sec-Butylbenzene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,3-Dichlorobenzene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
p-Isopropyltoluene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,4-Dichlorobenzene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,2-Dichlorobenzene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
n-Butylbenzene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
1,2-Dibromo-3-chloropropane	ND	0.0061	EPA 8260C	2-29-16	2-29-16	
1,2,4-Trichlorobenzene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
Hexachlorobutadiene	ND	0.0046	EPA 8260C	2-29-16	2-29-16	
Naphthalene	ND	0.0013	EPA 8260C	2-29-16	2-29-16	
1,2,3-Trichlorobenzene	ND	0.00092	EPA 8260C	2-29-16	2-29-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>123</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>118</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-17@30'					
Laboratory ID:	02-209-08					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Chloromethane	ND	0.0051	EPA 8260C	2-29-16	2-29-16	
Vinyl Chloride	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Bromomethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Chloroethane	ND	0.0051	EPA 8260C	2-29-16	2-29-16	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Acetone	ND	0.0051	EPA 8260C	2-29-16	2-29-16	
Iodomethane	ND	0.0051	EPA 8260C	2-29-16	2-29-16	
Carbon Disulfide	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Methylene Chloride	ND	0.0051	EPA 8260C	2-29-16	2-29-16	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Vinyl Acetate	ND	0.0051	EPA 8260C	2-29-16	2-29-16	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
2-Butanone	ND	0.0051	EPA 8260C	2-29-16	2-29-16	
Bromochloromethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Chloroform	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Benzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Trichloroethene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Dibromomethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Bromodichloromethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
2-Chloroethyl Vinyl Ether	ND	0.0051	EPA 8260C	2-29-16	2-29-16	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Methyl Isobutyl Ketone	ND	0.0051	EPA 8260C	2-29-16	2-29-16	
Toluene	ND	0.0051	EPA 8260C	2-29-16	2-29-16	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-17@30'					
Laboratory ID:	02-209-08					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Tetrachloroethene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
2-Hexanone	ND	0.0051	EPA 8260C	2-29-16	2-29-16	
Dibromochloromethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Chlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Ethylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
m,p-Xylene	ND	0.0020	EPA 8260C	2-29-16	2-29-16	
o-Xylene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Styrene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Bromoform	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Isopropylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Bromobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
n-Propylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
2-Chlorotoluene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
4-Chlorotoluene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
tert-Butylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
sec-Butylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
n-Butylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2-Dibromo-3-chloropropane	ND	0.0067	EPA 8260C	2-29-16	2-29-16	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Hexachlorobutadiene	ND	0.0051	EPA 8260C	2-29-16	2-29-16	
Naphthalene	ND	0.0014	EPA 8260C	2-29-16	2-29-16	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>115</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>108</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-20@1.5'					
Laboratory ID:	02-209-09					
Dichlorodifluoromethane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Chloromethane	ND	0.0046	EPA 8260C	3-2-16	3-2-16	
Vinyl Chloride	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Bromomethane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Chloroethane	ND	0.0046	EPA 8260C	3-2-16	3-2-16	
Trichlorofluoromethane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Acetone	ND	0.0046	EPA 8260C	3-2-16	3-2-16	
Iodomethane	ND	0.0046	EPA 8260C	3-2-16	3-2-16	
Carbon Disulfide	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Methylene Chloride	ND	0.0046	EPA 8260C	3-2-16	3-2-16	
(trans) 1,2-Dichloroethene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Methyl t-Butyl Ether	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Vinyl Acetate	ND	0.0046	EPA 8260C	3-2-16	3-2-16	
2,2-Dichloropropane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
(cis) 1,2-Dichloroethene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
2-Butanone	ND	0.0046	EPA 8260C	3-2-16	3-2-16	
Bromochloromethane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Chloroform	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,1,1-Trichloroethane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Carbon Tetrachloride	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloropropene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Benzene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloroethane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Trichloroethene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloropropane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Dibromomethane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Bromodichloromethane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
2-Chloroethyl Vinyl Ether	ND	0.0046	EPA 8260C	3-2-16	3-2-16	
(cis) 1,3-Dichloropropene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Methyl Isobutyl Ketone	ND	0.0046	EPA 8260C	3-2-16	3-2-16	
Toluene	ND	0.0046	EPA 8260C	3-2-16	3-2-16	
(trans) 1,3-Dichloropropene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-20@1.5'					
Laboratory ID:	02-209-09					
1,1,2-Trichloroethane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Tetrachloroethene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,3-Dichloropropane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
2-Hexanone	ND	0.0046	EPA 8260C	3-2-16	3-2-16	
Dibromochloromethane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromoethane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Chlorobenzene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,1,1,2-Tetrachloroethane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Ethylbenzene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
m,p-Xylene	ND	0.0018	EPA 8260C	3-2-16	3-2-16	
o-Xylene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Styrene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Bromoform	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Isopropylbenzene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Bromobenzene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,1,2,2-Tetrachloroethane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichloropropane	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
n-Propylbenzene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
2-Chlorotoluene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
4-Chlorotoluene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,3,5-Trimethylbenzene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
tert-Butylbenzene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trimethylbenzene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
sec-Butylbenzene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,3-Dichlorobenzene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
p-Isopropyltoluene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,4-Dichlorobenzene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,2-Dichlorobenzene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
n-Butylbenzene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromo-3-chloropropane	ND	0.0061	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trichlorobenzene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
Hexachlorobutadiene	ND	0.0046	EPA 8260C	3-2-16	3-2-16	
Naphthalene	ND	0.0015	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichlorobenzene	ND	0.00092	EPA 8260C	3-2-16	3-2-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>121</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>118</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

VOLATILES EPA 8260C

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-20@7.5'					
Laboratory ID:	02-209-10					
Dichlorodifluoromethane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Chloromethane	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Vinyl Chloride	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Bromomethane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Chloroethane	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Trichlorofluoromethane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Acetone	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Iodomethane	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Carbon Disulfide	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Methylene Chloride	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Methyl t-Butyl Ether	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Vinyl Acetate	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
2,2-Dichloropropane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
2-Butanone	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Bromochloromethane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Chloroform	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,1,1-Trichloroethane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Carbon Tetrachloride	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloropropene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Benzene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloroethane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Trichloroethene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloropropane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Dibromomethane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Bromodichloromethane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
2-Chloroethyl Vinyl Ether	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
(cis) 1,3-Dichloropropene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Methyl Isobutyl Ketone	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Toluene	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
(trans) 1,3-Dichloropropene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-20@7.5'					
Laboratory ID:	02-209-10					
1,1,2-Trichloroethane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Tetrachloroethene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,3-Dichloropropane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
2-Hexanone	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Dibromochloromethane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromoethane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Chlorobenzene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,1,1,2-Tetrachloroethane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Ethylbenzene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
m,p-Xylene	ND	0.0018	EPA 8260C	3-2-16	3-2-16	
o-Xylene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Styrene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Bromoform	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Isopropylbenzene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Bromobenzene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,1,2,2-Tetrachloroethane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichloropropane	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
n-Propylbenzene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
2-Chlorotoluene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
4-Chlorotoluene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,3,5-Trimethylbenzene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
tert-Butylbenzene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trimethylbenzene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
sec-Butylbenzene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,3-Dichlorobenzene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
p-Isopropyltoluene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,4-Dichlorobenzene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,2-Dichlorobenzene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
n-Butylbenzene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trichlorobenzene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
Hexachlorobutadiene	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Naphthalene	ND	0.0014	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichlorobenzene	ND	0.00089	EPA 8260C	3-2-16	3-2-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>117</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>114</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>96</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-20@15'					
Laboratory ID:	02-209-11					
Dichlorodifluoromethane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Chloromethane	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Vinyl Chloride	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Bromomethane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Chloroethane	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Trichlorofluoromethane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Acetone	0.0088	0.0044	EPA 8260C	3-2-16	3-2-16	Y
Iodomethane	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Carbon Disulfide	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Methylene Chloride	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Methyl t-Butyl Ether	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Vinyl Acetate	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
2,2-Dichloropropane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
2-Butanone	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Bromochloromethane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Chloroform	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,1,1-Trichloroethane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Carbon Tetrachloride	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloropropene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Benzene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloroethane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Trichloroethene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloropropane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Dibromomethane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Bromodichloromethane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
2-Chloroethyl Vinyl Ether	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
(cis) 1,3-Dichloropropene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Methyl Isobutyl Ketone	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Toluene	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
(trans) 1,3-Dichloropropene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-20@15'					
Laboratory ID:	02-209-11					
1,1,2-Trichloroethane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Tetrachloroethene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,3-Dichloropropane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
2-Hexanone	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Dibromochloromethane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromoethane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Chlorobenzene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,1,1,2-Tetrachloroethane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Ethylbenzene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
m,p-Xylene	ND	0.0018	EPA 8260C	3-2-16	3-2-16	
o-Xylene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Styrene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Bromoform	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Isopropylbenzene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Bromobenzene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,1,2,2-Tetrachloroethane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichloropropane	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
n-Propylbenzene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
2-Chlorotoluene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
4-Chlorotoluene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,3,5-Trimethylbenzene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
tert-Butylbenzene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trimethylbenzene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
sec-Butylbenzene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,3-Dichlorobenzene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
p-Isopropyltoluene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,4-Dichlorobenzene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,2-Dichlorobenzene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
n-Butylbenzene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trichlorobenzene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
Hexachlorobutadiene	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Naphthalene	ND	0.0014	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichlorobenzene	ND	0.00088	EPA 8260C	3-2-16	3-2-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>127</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>121</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-20@20'					
Laboratory ID:	02-209-12					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Chloromethane	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
Vinyl Chloride	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Bromomethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Chloroethane	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Acetone	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
Iodomethane	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
Carbon Disulfide	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Methylene Chloride	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Vinyl Acetate	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
2-Butanone	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
Bromochloromethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Chloroform	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Benzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Trichloroethene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Dibromomethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Bromodichloromethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
2-Chloroethyl Vinyl Ether	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Methyl Isobutyl Ketone	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
Toluene	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-20@20'					
Laboratory ID:	02-209-12					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Tetrachloroethene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
2-Hexanone	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
Dibromochloromethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Chlorobenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Ethylbenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
m,p-Xylene	ND	0.0022	EPA 8260C	3-2-16	3-2-16	
o-Xylene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Styrene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Bromoform	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Isopropylbenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Bromobenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
n-Propylbenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
2-Chlorotoluene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
4-Chlorotoluene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
tert-Butylbenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
sec-Butylbenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
n-Butylbenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromo-3-chloropropane	ND	0.0075	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Hexachlorobutadiene	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
Naphthalene	ND	0.0018	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>121</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>116</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-20@30'					
Laboratory ID:	02-209-13					
Dichlorodifluoromethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Chloromethane	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Vinyl Chloride	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Bromomethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Chloroethane	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Trichlorofluoromethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Acetone	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Iodomethane	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Carbon Disulfide	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Methylene Chloride	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Methyl t-Butyl Ether	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Vinyl Acetate	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
2,2-Dichloropropane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
2-Butanone	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Bromochloromethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Chloroform	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1,1-Trichloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Carbon Tetrachloride	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloropropene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Benzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Trichloroethene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloropropane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Dibromomethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Bromodichloromethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
(cis) 1,3-Dichloropropene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Toluene	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
(trans) 1,3-Dichloropropene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	

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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-20@30'					
Laboratory ID:	02-209-13					
1,1,2-Trichloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Tetrachloroethene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,3-Dichloropropane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
2-Hexanone	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Dibromochloromethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromoethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Chlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1,1,2-Tetrachloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Ethylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
m,p-Xylene	ND	0.0019	EPA 8260C	3-2-16	3-2-16	
o-Xylene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Styrene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Bromoform	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Isopropylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Bromobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1,2,2-Tetrachloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichloropropane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
n-Propylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
2-Chlorotoluene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
4-Chlorotoluene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,3,5-Trimethylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
tert-Butylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trimethylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
sec-Butylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,3-Dichlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
p-Isopropyltoluene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,4-Dichlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2-Dichlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
n-Butylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromo-3-chloropropane	ND	0.0064	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trichlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Hexachlorobutadiene	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Naphthalene	ND	0.0015	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>114</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>109</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>92</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

VOLATILES EPA 8260C
METHOD BLANK QUALITY CONTROL

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
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Laboratory ID:	MB0229S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Chloromethane	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
Vinyl Chloride	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Bromomethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Chloroethane	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Acetone	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
Iodomethane	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
Carbon Disulfide	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Methylene Chloride	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Vinyl Acetate	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
2-Butanone	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
Bromochloromethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Chloroform	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Benzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Trichloroethene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Dibromomethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Bromodichloromethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
Toluene	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	

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 Samples Submitted: February 25, 2016
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 Project: ES-3472.07

VOLATILES EPA 8260C
METHOD BLANK QUALITY CONTROL

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID: MB0229S1						
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Tetrachloroethene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
2-Hexanone	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
Dibromochloromethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Chlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Ethylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
m,p-Xylene	ND	0.0020	EPA 8260C	2-29-16	2-29-16	
o-Xylene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Styrene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Bromoform	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Isopropylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Bromobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
n-Propylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
2-Chlorotoluene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
4-Chlorotoluene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
tert-Butylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
sec-Butylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
n-Butylbenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
1,2-Dibromo-3-chloropropane	ND	0.0066	EPA 8260C	2-29-16	2-29-16	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	2-29-16	2-29-16	
Naphthalene	ND	0.0014	EPA 8260C	2-29-16	2-29-16	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	2-29-16	2-29-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>127</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>121</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

VOLATILES EPA 8260C
METHOD BLANK QUALITY CONTROL

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
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Laboratory ID:	MB0302S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Chloromethane	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
Vinyl Chloride	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Bromomethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Chloroethane	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Acetone	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
Iodomethane	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
Carbon Disulfide	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Methylene Chloride	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Vinyl Acetate	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
2-Butanone	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
Bromochloromethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Chloroform	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Benzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Trichloroethene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Dibromomethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Bromodichloromethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
Toluene	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

VOLATILES EPA 8260C
METHOD BLANK QUALITY CONTROL

Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0302S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Tetrachloroethene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
2-Hexanone	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
Dibromochloromethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Chlorobenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Ethylbenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
m,p-Xylene	ND	0.0020	EPA 8260C	3-2-16	3-2-16	
o-Xylene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Styrene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Bromoform	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Isopropylbenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Bromobenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
n-Propylbenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
2-Chlorotoluene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
4-Chlorotoluene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
tert-Butylbenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
sec-Butylbenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
n-Butylbenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromo-3-chloropropane	ND	0.0067	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
Naphthalene	ND	0.0016	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	121	76-131				
Toluene-d8	115	80-126				
4-Bromofluorobenzene	99	60-146				

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

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

Matrix: Soil
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	Limits		Limit	
SPIKE BLANKS										
Laboratory ID:	SB0229S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0430	0.0439	0.0500	0.0500	86	88	68-126	2	15	
Benzene	0.0512	0.0513	0.0500	0.0500	102	103	75-121	0	15	
Trichloroethene	0.0528	0.0529	0.0500	0.0500	106	106	75-116	0	15	
Toluene	0.0533	0.0541	0.0500	0.0500	107	108	80-115	1	15	
Chlorobenzene	0.0496	0.0490	0.0500	0.0500	99	98	76-120	1	15	
Surrogate:										
Dibromofluoromethane					112	110	76-131			
Toluene-d8					104	112	80-126			
4-Bromofluorobenzene					94	93	60-146			

Date of Report: March 4, 2016
 Samples Submitted: February 25, 2016
 Laboratory Reference: 1602-209
 Project: ES-3472.07

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

Matrix: Soil
 Units: mg/kg

Analyte	Result		Spike Level		Percent		Recovery		RPD	
					Recovery		Limits		RPD	Limit
SPIKE BLANKS										
Laboratory ID:	SB0302S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0400	0.0425	0.0500	0.0500	80	85	68-126	6	15	
Benzene	0.0497	0.0530	0.0500	0.0500	99	106	75-121	6	15	
Trichloroethene	0.0498	0.0531	0.0500	0.0500	100	106	75-116	6	15	
Toluene	0.0524	0.0549	0.0500	0.0500	105	110	80-115	5	15	
Chlorobenzene	0.0491	0.0495	0.0500	0.0500	98	99	76-120	1	15	
Surrogate:										
Dibromofluoromethane					107	113	76-131			
Toluene-d8					106	113	80-126			
4-Bromofluorobenzene					88	95	60-146			

Date of Report: March 4, 2016
Samples Submitted: February 25, 2016
Laboratory Reference: 1602-209
Project: ES-3472.07

% MOISTURE

Date Analyzed: 2-29-16

Client ID	Lab ID	% Moisture
B-18@1.5'	02-209-01	9
B-18@7.5'	02-209-02	11
B-18@15'	02-209-03	11
B-18@30'	02-209-04	9
B-17@1.5'	02-209-05	11
B-17@15'	02-209-06	6
B-17@20'	02-209-07	9
B-17@30'	02-209-08	11
B-20@1.5'	02-209-09	11
B-20@7.5'	02-209-10	12
B-20@15'	02-209-11	11
B-20@20'	02-209-12	10
B-20@30'	02-209-13	9



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

Chain of Custody

Company: Earth Solutions NW
Project Number: ES-3472.07
Project Name: Sherwood Shopping Center
Project Manager: Ted Sykes
Sampled by: Megan Payshnick

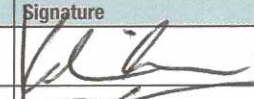

**Turnaround Request
(in working days)**

(Check One)

- ☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 02-209

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number	NWTPH	NWTPH	NWTPH	NWTPH	Volatiles	Halogenes	Semivol (with low	PAHs 8	PCBs 8	Organoc	Organoc	Chlorine	Total RC	Total M	TCLP M	HEM (o	% Moist	
1	B-18 @ 1.5'	2/25/16	8:36a	Soil	4					X													X
2	B-18 @ 7.5'		8:50a							X													
3	B-18 @ 15'		9:15a							X													
	B-18 @ 20'																						
4	B-18 @ 30'		9:40a							X													
5	B-17 @ 1.5'		10:30a							X													
	B-17 @ 7.5'		11:00a							X													
6	B-17 @ 15'		11:10am							X													
7	B-17 @ 20'		11:20am							X													
8	B-17 @ 30'		11:36am							X													

Signature	Company	Date	Time	Comments/Special Instructions
	ESNW	2/25/16	2:58pm	
	OSL	2/25/16	1458	
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date	Chromatograms with final report <input type="checkbox"/>		

Chain of Custody

Company: Earth Solutions NW
Project Number: ES-3472.07
Project Name: Sherwood Shopping Center
Project Manager: Ted Sykes
Sampled by: Megan Poxnick

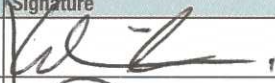

Turnaround Request
(in working days)

(Check One)

☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
(TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 02-209

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number	NWTPH	NWTPH	NWTPH	NWTPH	Volatiles	Halogenated	Semivolatiles (with low-level PAHs)	PCBs & PAHs	Organochlorine	Organophosphorus	Chlorinated	Total RCRA	Total MTCA	TCLP Metals	HEM (oil and grease)							% Moisture
9	B-20 @ 1.5'	2/25/16	1:15pm	Soil	4					X																	X
10	B-20 @ 7.5'	1	1:45pm	1	1					X																	1
11	B-20 @ 15'		2pm							X																	
12	B-20 @ 20'		2:18pm							X																	
13	B-20 @ 30'		2:28pm	1	1					X																	1

Signature	Company	Date	Time	Comments/Special Instructions
	<u>ESNW</u>	<u>2/25/16</u>	<u>2:58pm</u>	
	<u>ONS</u>	<u>2/25/16</u>	<u>1458</u>	
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date	Chromatograms with final report <input type="checkbox"/>		

OnSite Environmental, Inc. #1602-220



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

March 4, 2016

Ted Sykes
Earth Solutions NW, LLC
1805 136th Place NE, Suite #201
Bellevue, WA 98005

Re: Analytical Data for Project ES-3472.07
Laboratory Reference No. 1602-220

Dear Ted:

Enclosed are the analytical results and associated quality control data for samples submitted on February 26, 2016.

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 "DeB" followed by a stylized flourish or checkmark.

David Baumeister
Project Manager

Enclosures

Date of Report: March 4, 2016
Samples Submitted: February 26, 2016
Laboratory Reference: 1602-220
Project: ES-3472.07

Case Narrative

Samples were collected on February 26, 2016 and received by the laboratory on February 26, 2016. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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 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: March 4, 2016
 Samples Submitted: February 26, 2016
 Laboratory Reference: 1602-220
 Project: ES-3472.07

VOLATILES EPA 8260C
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-19@1.5'					
Laboratory ID:	02-220-01					
Dichlorodifluoromethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Chloromethane	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Vinyl Chloride	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Bromomethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Chloroethane	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Trichlorofluoromethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Acetone	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Iodomethane	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Carbon Disulfide	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Methylene Chloride	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Methyl t-Butyl Ether	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Vinyl Acetate	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
2,2-Dichloropropane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
2-Butanone	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Bromochloromethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Chloroform	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1,1-Trichloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Carbon Tetrachloride	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloropropene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Benzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Trichloroethene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloropropane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Dibromomethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Bromodichloromethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
(cis) 1,3-Dichloropropene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Toluene	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
(trans) 1,3-Dichloropropene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	

Date of Report: March 4, 2016
 Samples Submitted: February 26, 2016
 Laboratory Reference: 1602-220
 Project: ES-3472.07

VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-19@1.5'					
Laboratory ID:	02-220-01					
1,1,2-Trichloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Tetrachloroethene	0.0012	0.00096	EPA 8260C	3-2-16	3-2-16	
1,3-Dichloropropane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
2-Hexanone	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Dibromochloromethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromoethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Chlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1,1,2-Tetrachloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Ethylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
m,p-Xylene	ND	0.0019	EPA 8260C	3-2-16	3-2-16	
o-Xylene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Styrene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Bromoform	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Isopropylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Bromobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,1,2,2-Tetrachloroethane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichloropropane	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
n-Propylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
2-Chlorotoluene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
4-Chlorotoluene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,3,5-Trimethylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
tert-Butylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trimethylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
sec-Butylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,3-Dichlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
p-Isopropyltoluene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,4-Dichlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2-Dichlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
n-Butylbenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromo-3-chloropropane	ND	0.0064	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trichlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
Hexachlorobutadiene	ND	0.0048	EPA 8260C	3-2-16	3-2-16	
Naphthalene	ND	0.0015	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichlorobenzene	ND	0.00096	EPA 8260C	3-2-16	3-2-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>118</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>114</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 26, 2016
 Laboratory Reference: 1602-220
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-19@7.5'					
Laboratory ID:	02-220-02					
Dichlorodifluoromethane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Chloromethane	ND	0.0047	EPA 8260C	3-2-16	3-2-16	
Vinyl Chloride	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Bromomethane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Chloroethane	ND	0.0047	EPA 8260C	3-2-16	3-2-16	
Trichlorofluoromethane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Acetone	ND	0.0047	EPA 8260C	3-2-16	3-2-16	
Iodomethane	ND	0.0047	EPA 8260C	3-2-16	3-2-16	
Carbon Disulfide	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Methylene Chloride	ND	0.0047	EPA 8260C	3-2-16	3-2-16	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Methyl t-Butyl Ether	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Vinyl Acetate	ND	0.0047	EPA 8260C	3-2-16	3-2-16	
2,2-Dichloropropane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
(cis) 1,2-Dichloroethene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
2-Butanone	ND	0.0047	EPA 8260C	3-2-16	3-2-16	
Bromochloromethane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Chloroform	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
1,1,1-Trichloroethane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Carbon Tetrachloride	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloropropene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Benzene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloroethane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Trichloroethene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloropropane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Dibromomethane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Bromodichloromethane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260C	3-2-16	3-2-16	
(cis) 1,3-Dichloropropene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Methyl Isobutyl Ketone	ND	0.0047	EPA 8260C	3-2-16	3-2-16	
Toluene	ND	0.0047	EPA 8260C	3-2-16	3-2-16	
(trans) 1,3-Dichloropropene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	

Date of Report: March 4, 2016
 Samples Submitted: February 26, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-19@7.5'					
Laboratory ID:	02-220-02					
1,1,2-Trichloroethane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Tetrachloroethene	0.0011	0.00094	EPA 8260C	3-2-16	3-2-16	
1,3-Dichloropropane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
2-Hexanone	ND	0.0047	EPA 8260C	3-2-16	3-2-16	
Dibromochloromethane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromoethane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Chlorobenzene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
1,1,1,2-Tetrachloroethane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Ethylbenzene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
m,p-Xylene	ND	0.0019	EPA 8260C	3-2-16	3-2-16	
o-Xylene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Styrene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Bromoform	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Isopropylbenzene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Bromobenzene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
1,1,2,2-Tetrachloroethane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichloropropane	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
n-Propylbenzene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
2-Chlorotoluene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
4-Chlorotoluene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
1,3,5-Trimethylbenzene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
tert-Butylbenzene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trimethylbenzene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
sec-Butylbenzene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
1,3-Dichlorobenzene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
p-Isopropyltoluene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
1,4-Dichlorobenzene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
1,2-Dichlorobenzene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
n-Butylbenzene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromo-3-chloropropane	ND	0.0063	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trichlorobenzene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
Hexachlorobutadiene	ND	0.0047	EPA 8260C	3-2-16	3-2-16	
Naphthalene	ND	0.0015	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichlorobenzene	ND	0.00094	EPA 8260C	3-2-16	3-2-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>123</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>122</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>103</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 26, 2016
 Laboratory Reference: 1602-220
 Project: ES-3472.07

VOLATILES EPA 8260C

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-19@15'					
Laboratory ID:	02-220-03					
Dichlorodifluoromethane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Chloromethane	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Vinyl Chloride	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Bromomethane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Chloroethane	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Trichlorofluoromethane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Acetone	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Iodomethane	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Carbon Disulfide	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Methylene Chloride	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Methyl t-Butyl Ether	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Vinyl Acetate	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
2,2-Dichloropropane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
2-Butanone	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Bromochloromethane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Chloroform	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,1,1-Trichloroethane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Carbon Tetrachloride	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloropropene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Benzene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloroethane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Trichloroethene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloropropane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Dibromomethane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Bromodichloromethane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
2-Chloroethyl Vinyl Ether	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
(cis) 1,3-Dichloropropene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Methyl Isobutyl Ketone	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Toluene	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
(trans) 1,3-Dichloropropene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	

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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-19@15'					
Laboratory ID:	02-220-03					
1,1,2-Trichloroethane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Tetrachloroethene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,3-Dichloropropane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
2-Hexanone	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Dibromochloromethane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromoethane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Chlorobenzene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,1,1,2-Tetrachloroethane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Ethylbenzene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
m,p-Xylene	ND	0.0017	EPA 8260C	3-2-16	3-2-16	
o-Xylene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Styrene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Bromoform	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Isopropylbenzene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Bromobenzene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,1,2,2-Tetrachloroethane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichloropropane	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
n-Propylbenzene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
2-Chlorotoluene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
4-Chlorotoluene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,3,5-Trimethylbenzene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
tert-Butylbenzene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trimethylbenzene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
sec-Butylbenzene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,3-Dichlorobenzene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
p-Isopropyltoluene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,4-Dichlorobenzene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,2-Dichlorobenzene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
n-Butylbenzene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromo-3-chloropropane	ND	0.0058	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trichlorobenzene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
Hexachlorobutadiene	ND	0.0044	EPA 8260C	3-2-16	3-2-16	
Naphthalene	ND	0.0014	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichlorobenzene	ND	0.00087	EPA 8260C	3-2-16	3-2-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>119</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>114</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 26, 2016
 Laboratory Reference: 1602-220
 Project: ES-3472.07

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-19@20'					
Laboratory ID:	02-220-04					
Dichlorodifluoromethane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Chloromethane	ND	0.0063	EPA 8260C	3-2-16	3-2-16	
Vinyl Chloride	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Bromomethane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Chloroethane	ND	0.0063	EPA 8260C	3-2-16	3-2-16	
Trichlorofluoromethane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Acetone	ND	0.0063	EPA 8260C	3-2-16	3-2-16	
Iodomethane	ND	0.0063	EPA 8260C	3-2-16	3-2-16	
Carbon Disulfide	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Methylene Chloride	ND	0.0063	EPA 8260C	3-2-16	3-2-16	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Vinyl Acetate	ND	0.0063	EPA 8260C	3-2-16	3-2-16	
2,2-Dichloropropane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
2-Butanone	ND	0.0063	EPA 8260C	3-2-16	3-2-16	
Bromochloromethane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Chloroform	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Carbon Tetrachloride	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloropropene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Benzene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloroethane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Trichloroethene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloropropane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Dibromomethane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Bromodichloromethane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
2-Chloroethyl Vinyl Ether	ND	0.0063	EPA 8260C	3-2-16	3-2-16	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Methyl Isobutyl Ketone	ND	0.0063	EPA 8260C	3-2-16	3-2-16	
Toluene	ND	0.0063	EPA 8260C	3-2-16	3-2-16	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	

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 Samples Submitted: February 26, 2016
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 Project: ES-3472.07

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-19@20'					
Laboratory ID:	02-220-04					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Tetrachloroethene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,3-Dichloropropane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
2-Hexanone	ND	0.0063	EPA 8260C	3-2-16	3-2-16	
Dibromochloromethane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromoethane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Chlorobenzene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Ethylbenzene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
m,p-Xylene	ND	0.0025	EPA 8260C	3-2-16	3-2-16	
o-Xylene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Styrene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Bromoform	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Isopropylbenzene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Bromobenzene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
n-Propylbenzene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
2-Chlorotoluene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
4-Chlorotoluene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,3,5-Trimethylbenzene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
tert-Butylbenzene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trimethylbenzene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
sec-Butylbenzene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
p-Isopropyltoluene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
n-Butylbenzene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromo-3-chloropropane	ND	0.0084	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
Hexachlorobutadiene	ND	0.0063	EPA 8260C	3-2-16	3-2-16	
Naphthalene	ND	0.0020	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260C	3-2-16	3-2-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>121</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>116</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 26, 2016
 Laboratory Reference: 1602-220
 Project: ES-3472.07

VOLATILES EPA 8260C
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-19@30'					
Laboratory ID:	02-220-05					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Chloromethane	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
Vinyl Chloride	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Bromomethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Chloroethane	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Acetone	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
Iodomethane	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
Carbon Disulfide	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Methylene Chloride	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Vinyl Acetate	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
2-Butanone	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
Bromochloromethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Chloroform	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Benzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Trichloroethene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Dibromomethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Bromodichloromethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
2-Chloroethyl Vinyl Ether	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Methyl Isobutyl Ketone	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
Toluene	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	

Date of Report: March 4, 2016
 Samples Submitted: February 26, 2016
 Laboratory Reference: 1602-220
 Project: ES-3472.07

VOLATILES EPA 8260C
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B-19@30'					
Laboratory ID:	02-220-05					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Tetrachloroethene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
2-Hexanone	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
Dibromochloromethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Chlorobenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Ethylbenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
m,p-Xylene	ND	0.0022	EPA 8260C	3-2-16	3-2-16	
o-Xylene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Styrene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Bromoform	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Isopropylbenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Bromobenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
n-Propylbenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
2-Chlorotoluene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
4-Chlorotoluene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
tert-Butylbenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
sec-Butylbenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
n-Butylbenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromo-3-chloropropane	ND	0.0074	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
Hexachlorobutadiene	ND	0.0056	EPA 8260C	3-2-16	3-2-16	
Naphthalene	ND	0.0018	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	3-2-16	3-2-16	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>119</i>	<i>76-131</i>				
<i>Toluene-d8</i>	<i>115</i>	<i>80-126</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>60-146</i>				

Date of Report: March 4, 2016
 Samples Submitted: February 26, 2016
 Laboratory Reference: 1602-220
 Project: ES-3472.07

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
<hr/>						
Laboratory ID:	MB0302S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Chloromethane	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
Vinyl Chloride	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Bromomethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Chloroethane	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Acetone	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
Iodomethane	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
Carbon Disulfide	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Methylene Chloride	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Vinyl Acetate	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
2-Butanone	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
Bromochloromethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Chloroform	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Benzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Trichloroethene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Dibromomethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Bromodichloromethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
Toluene	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	

Date of Report: March 4, 2016
 Samples Submitted: February 26, 2016
 Laboratory Reference: 1602-220
 Project: ES-3472.07

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

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0302S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Tetrachloroethene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
2-Hexanone	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
Dibromochloromethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Chlorobenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Ethylbenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
m,p-Xylene	ND	0.0020	EPA 8260C	3-2-16	3-2-16	
o-Xylene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Styrene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Bromoform	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Isopropylbenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Bromobenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
n-Propylbenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
2-Chlorotoluene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
4-Chlorotoluene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
tert-Butylbenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
sec-Butylbenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
n-Butylbenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
1,2-Dibromo-3-chloropropane	ND	0.0067	EPA 8260C	3-2-16	3-2-16	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	3-2-16	3-2-16	
Naphthalene	ND	0.0016	EPA 8260C	3-2-16	3-2-16	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	3-2-16	3-2-16	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	121	76-131				
Toluene-d8	115	80-126				
4-Bromofluorobenzene	99	60-146				

Date of Report: March 4, 2016
 Samples Submitted: February 26, 2016
 Laboratory Reference: 1602-220
 Project: ES-3472.07

VOLATILES by EPA 8260C
SB/SBD QUALITY CONTROL

Matrix: Soil
 Units: mg/kg

Analyte	Result		Spike Level		Percent		Recovery		RPD	
					Recovery		Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0302S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0400	0.0425	0.0500	0.0500	80	85	68-126	6	15	
Benzene	0.0497	0.0530	0.0500	0.0500	99	106	75-121	6	15	
Trichloroethene	0.0498	0.0531	0.0500	0.0500	100	106	75-116	6	15	
Toluene	0.0524	0.0549	0.0500	0.0500	105	110	80-115	5	15	
Chlorobenzene	0.0491	0.0495	0.0500	0.0500	98	99	76-120	1	15	
Surrogate:										
Dibromofluoromethane					107	113	76-131			
Toluene-d8					106	113	80-126			
4-Bromofluorobenzene					88	95	60-146			

Date of Report: March 4, 2016
Samples Submitted: February 26, 2016
Laboratory Reference: 1602-220
Project: ES-3472.07

% MOISTURE

Date Analyzed: 3-2-16

Client ID	Lab ID	% Moisture
B-19@1.5'	02-220-01	15
B-19@7.5'	02-220-02	7
B-19@15'	02-220-03	10
B-19@20'	02-220-04	7
B-19@30'	02-220-05	13



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

Chain of Custody

Company: Earth Solutions NW
Project Number: ES-3472.07
Project Name: Sherwood Shopping Center
Project Manager: Ted Sykes
Sampled by: Kelsie Levin

**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:

02-220

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number	NWTPH	NWTPH	NWTPH	NWTPH	Volatiles	Halogenes	Semivolatiles (with low)	PAHs 8:	PCBs 8:	Organochlorine	Organophosphorus	Chlorine	Total R	Total M	TCLP M	HEM (o							% Moist
1	B-19 @ 1.5'	2/26/16	9:53a	Soil	4					X																		X
2	B-19 @ 7.5'		2:04p		↓					X																		↓
3	B-19 @ 15'		2:16p							X																		
4	B-19 @ 20'		2:28p							X																		
5	B-19 @ 30'	⊥	2:36p	⊥	↓					X																		↓

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		Earth Solutions NW	2/26/16	3:05pm	
Received		Onsite	2-26-16	1505	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Chromatograms with final report <input type="checkbox"/>

Friedman & Bruya, Inc. #604075 additional

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

April 15, 2016

Courtney Schaumberg, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Ms. Schaumberg:

Included are the results from the testing of material submitted on April 5, 2016 from the SOU_0805-002_ 20160405, F&BI 604075 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
SOU0415R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on April 5, 2016 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0805-002_ 20160405, F&BI 604075 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
604075 -01	SB01-05
604075 -02	SB01-10
604075 -03	SB01-15
604075 -04	SB01-20
604075 -05	SB01-25
604075 -06	SB01-30
604075 -07	SB01-35
604075 -08	SB01-40
604075 -09	SB01-45
604075 -10	SB01-50
604075 -11	SB01-55
604075 -12	SB01-60
604075 -13	SB01-65
604075 -14	SB01-70
604075 -15	SB01-75
604075 -16	SB01-80
604075 -17	SB01-85

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB01-05	Client:	SoundEarth Strategies
Date Received:	04/05/16	Project:	SOU_0805-002_ 20160405
Date Extracted:	04/08/16	Lab ID:	604075-01
Date Analyzed:	04/08/16	Data File:	040827.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	0.024
Tetrachloroethene	0.13

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB01-10	Client:	SoundEarth Strategies
Date Received:	04/05/16	Project:	SOU_0805-002_ 20160405
Date Extracted:	04/08/16	Lab ID:	604075-02
Date Analyzed:	04/08/16	Data File:	040828.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB01-15	Client:	SoundEarth Strategies
Date Received:	04/05/16	Project:	SOU_0805-002_ 20160405
Date Extracted:	04/08/16	Lab ID:	604075-03
Date Analyzed:	04/08/16	Data File:	040829.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB01-20	Client:	SoundEarth Strategies
Date Received:	04/05/16	Project:	SOU_0805-002_ 20160405
Date Extracted:	04/08/16	Lab ID:	604075-04
Date Analyzed:	04/08/16	Data File:	040830.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB01-30	Client:	SoundEarth Strategies
Date Received:	04/05/16	Project:	SOU_0805-002_ 20160405
Date Extracted:	04/08/16	Lab ID:	604075-06
Date Analyzed:	04/08/16	Data File:	040831.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB01-55	Client:	SoundEarth Strategies
Date Received:	04/05/16	Project:	SOU_0805-002_ 20160405
Date Extracted:	04/08/16	Lab ID:	604075-11
Date Analyzed:	04/08/16	Data File:	040832.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB01-70	Client:	SoundEarth Strategies
Date Received:	04/05/16	Project:	SOU_0805-002_ 20160405
Date Extracted:	04/08/16	Lab ID:	604075-14
Date Analyzed:	04/08/16	Data File:	040833.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB01-85	Client:	SoundEarth Strategies
Date Received:	04/05/16	Project:	SOU_0805-002_ 20160405
Date Extracted:	04/08/16	Lab ID:	604075-17
Date Analyzed:	04/08/16	Data File:	040834.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0805-002_ 20160405
Date Extracted:	04/08/16	Lab ID:	06-0635 mb
Date Analyzed:	04/08/16	Data File:	040823.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/15/16

Date Received: 04/05/16

Project: SOU_0805-002_20160405, F&BI 604075

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 604075-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	49	50	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	70	67	10-176	4
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	75	10-160	0
Methylene chloride	mg/kg (ppm)	2.5	<0.5	89	88	10-156	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	82	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	82	82	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	87	86	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	100	100	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	90	92	10-156	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	86	88	21-139	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.02	97	96	20-133	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	72	22-139
Chloroethane	mg/kg (ppm)	2.5	90	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	98	47-128
Methylene chloride	mg/kg (ppm)	2.5	106	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	102	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	100	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	104	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	119	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	112	62-131
Trichloroethene	mg/kg (ppm)	2.5	102	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	112	72-114

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

SAMPLE CHA OF CUSTODY ME 04-05-16

V54/A

Send Report to Courtney Schaumburg
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E. Suite 2000
 City, State, ZIP Seattle, Washington 98102
 Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature) <u>[Signature]</u>	
PROJECT NAME/NO <u>0805-002</u>	PO #
REMARKS <u>Held PM (Courtney) will contact with</u> <u>analytical instructions. * detection limit of</u> <u>0.02 mg/kg for PCE</u> <u>② CMA QSC CMS 4/5/16</u>	

Page # <u>1</u> of <u>2</u> TURNAROUND TIME Standard (2 Weeks) RUSH <u>(HOLD)</u> Rush charges authorized by: <u>1-WV CMS</u>
SAMPLE DISPOSAL Dispose after 90 days Return samples Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED							Notes
								NWTFH-Dx	NWTFH-Gx	BTEX by SCGIB	CVOCs by SSEC	SVOCs by S278	VOCs by 8260C +		
SB01-05	SB01	05	01A-09/5/16	0905	301	5							⊗		<u>HOLD</u> See Remarks
SB01-10		10	02		0914								⊗		
SB01-15		15	03		0922								⊗		
SB01-20		20	04		0930								⊗		
SB01-25		25	05		0937										
SB01-30		30	06		0946								⊗		
SB01-35		35	07		0955										
SB01-40		40	08		1005										
SB01-45		45	09		1026										
SB01-50	↓	50	10	↓	1044	↓	↓								Samples received at <u>4</u> - <u>0</u> ↓

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Logan Schumacher</u>	<u>SES</u>	<u>4/5/16</u>	<u>1700</u>
Received by: <u>[Signature]</u>	<u>Jan Shimazu</u>	<u>FB ? I</u>	<u>1</u>	<u>1</u>
Relinquished by:				
Received by:				

SAMPLE CHART OF CUSTODY ME 04-05-16

VS4/
A03

Send Report to Courtney Schaumburg
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E. Suite 2000
 City, State, ZIP Seattle, Washington 98102
 Phone # 206-806-1900 Fax # 206-806-1907

SAMPLERS (signature) <u>[Signature]</u>	
PROJECT NAME/NO <u>0805-002</u>	PO #
REMARKS <u>HOLD PM (carting) will email w/</u> <u>any type request.</u> *detection limit of 0.02 mg/kg for PCE *run per CMS 4/8/16	

Page # <u>2</u> of <u>2</u> TURNAROUND TIME Standard (2 Weeks) RUSH <u>HOLD</u> *Rush charges authorized by: <u>1-WK CMS</u>
SAMPLE DISPOSAL Dispose after 30 days Return samples Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED						Notes
								NWTFH-Dx	NWTFH-Ox	BTEX by 8021B	CVOCs by 8260C	SVOCs by 8270	VOCs by 8260C*	
SB01-55	SB01	55	11 A.18	4/5/16	1052	S.A.	5						(X)	(HOLD) See results
SB01-60		60	12		1100									
SB01-65		65	13		1108									
SB01-70		70	14		1118								(X)	
SB01-75		75	15		1135									
SB01-80		80	16		1145									
SB01-85		85	17		1152								(X)	↓
SB01-90	↓	90												
SB02-05	SB02	05												
SB02-10	11	10		↓		↓	↓							Samples received at 4 °C

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

FORM 000-COC.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Logan Schumacher	SES	4/5/16	1700
Received by: <u>[Signature]</u>	Jon Shimazu	FB & I	↓	↓
Relinquished by:				
Received by:				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

April 20, 2016

Courtney Schaumberg, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Ms. Schaumberg:

Included are the additional results from the testing of material submitted on April 5, 2016 from the SOU_0805-002_20160405, F&BI 604075 project. There are 13 pages included in this report. Per your chain of custody, the cVOC list was expanded to the full list of VOCs.

We apologize for the inconvenience and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
SOU0420R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on April 5, 2016 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0805-002_ 20160405, F&BI 604075 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
604075 -01	SB01-05
604075 -02	SB01-10
604075 -03	SB01-15
604075 -04	SB01-20
604075 -05	SB01-25
604075 -06	SB01-30
604075 -07	SB01-35
604075 -08	SB01-40
604075 -09	SB01-45
604075 -10	SB01-50
604075 -11	SB01-55
604075 -12	SB01-60
604075 -13	SB01-65
604075 -14	SB01-70
604075 -15	SB01-75
604075 -16	SB01-80
604075 -17	SB01-85

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB01-05	Client: SoundEarth Strategies
Date Received: 04/05/16	Project: SOU_0805-002_20160405, F&BI 604075
Date Extracted: 04/08/16	Lab ID: 604075-01
Date Analyzed: 04/08/16	Data File: 040827.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	0.13
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	0.024	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB01-10	Client: SoundEarth Strategies
Date Received: 04/05/16	Project: SOU_0805-002_20160405, F&BI 604075
Date Extracted: 04/08/16	Lab ID: 604075-02
Date Analyzed: 04/08/16	Data File: 040828.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB01-15	Client: SoundEarth Strategies
Date Received: 04/05/16	Project: SOU_0805-002_20160405, F&BI 604075
Date Extracted: 04/08/16	Lab ID: 604075-03
Date Analyzed: 04/08/16	Data File: 040829.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB01-20	Client:	SoundEarth Strategies
Date Received:	04/05/16	Project:	SOU_0805-002_20160405, F&BI 604075
Date Extracted:	04/08/16	Lab ID:	604075-04
Date Analyzed:	04/08/16	Data File:	040830.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB01-30	Client: SoundEarth Strategies
Date Received: 04/05/16	Project: SOU_0805-002_20160405, F&BI 604075
Date Extracted: 04/08/16	Lab ID: 604075-06
Date Analyzed: 04/08/16	Data File: 040831.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB01-55	Client:	SoundEarth Strategies
Date Received:	04/05/16	Project:	SOU_0805-002_20160405, F&BI 604075
Date Extracted:	04/08/16	Lab ID:	604075-11
Date Analyzed:	04/08/16	Data File:	040832.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB01-70	Client:	SoundEarth Strategies
Date Received:	04/05/16	Project:	SOU_0805-002_20160405, F&BI 604075
Date Extracted:	04/08/16	Lab ID:	604075-14
Date Analyzed:	04/08/16	Data File:	040833.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB01-85	Client: SoundEarth Strategies
Date Received: 04/05/16	Project: SOU_0805-002_20160405, F&BI 604075
Date Extracted: 04/08/16	Lab ID: 604075-17
Date Analyzed: 04/08/16	Data File: 040834.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0805-002_20160405, F&BI 604075
Date Extracted:	04/08/16	Lab ID:	06-0635 mb
Date Analyzed:	04/08/16	Data File:	040823.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/20/16

Date Received: 04/05/16

Project: SOU_0805-002_20160405, F&BI 604075

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 604075-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	2.5	<0.5	22	24	10-142	9
Chloromethane	mg/kg (ppm)	2.5	<0.5	51	52	10-126	2
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	49	50	10-138	2
Bromomethane	mg/kg (ppm)	2.5	<0.5	64	66	10-163	3
Chloroethane	mg/kg (ppm)	2.5	<0.5	70	67	10-176	4
Trichlorofluoromethane	mg/kg (ppm)	2.5	<0.5	65	68	10-176	5
Acetone	mg/kg (ppm)	12.5	<0.5	83	84	10-163	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	75	10-160	0
Hexane	mg/kg (ppm)	2.5	<0.25	52	54	10-137	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	89	88	10-156	1
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	<0.05	90	89	21-145	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	82	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	82	82	19-140	0
2,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	76	75	10-158	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	87	86	25-135	1
Chloroform	mg/kg (ppm)	2.5	<0.05	89	91	21-145	2
2-Butanone (MEK)	mg/kg (ppm)	12.5	<0.5	95	96	19-147	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	100	100	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	90	92	10-156	2
1,1-Dichloropropene	mg/kg (ppm)	2.5	<0.05	82	84	17-140	2
Carbon tetrachloride	mg/kg (ppm)	2.5	<0.05	94	96	9-164	2
Benzene	mg/kg (ppm)	2.5	<0.03	81	83	29-129	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	86	88	21-139	2
1,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	83	83	30-135	0
Bromodichloromethane	mg/kg (ppm)	2.5	<0.05	94	96	23-155	2
Dibromomethane	mg/kg (ppm)	2.5	<0.05	90	88	23-145	2
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	<0.5	92	94	24-155	2
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	91	89	28-144	2
Toluene	mg/kg (ppm)	2.5	<0.05	82	83	35-130	1
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	90	90	26-149	0
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	<0.05	86	88	10-205	2
2-Hexanone	mg/kg (ppm)	12.5	<0.5	82	83	15-166	1
1,3-Dichloropropane	mg/kg (ppm)	2.5	<0.05	87	86	31-137	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.02	97	96	20-133	1
Dibromochloromethane	mg/kg (ppm)	2.5	<0.05	93	93	28-150	0
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	<0.05	92	92	28-142	0
Chlorobenzene	mg/kg (ppm)	2.5	<0.05	89	89	32-129	0
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	86	86	32-137	0
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	95	95	31-143	0
m,p-Xylene	mg/kg (ppm)	5	<0.1	87	86	34-136	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	87	87	33-134	0
Styrene	mg/kg (ppm)	2.5	<0.05	88	88	35-137	0
Isopropylbenzene	mg/kg (ppm)	2.5	<0.05	87	88	31-142	1
Bromoform	mg/kg (ppm)	2.5	<0.05	85	87	21-156	2
n-Propylbenzene	mg/kg (ppm)	2.5	<0.05	85	85	23-146	0
Bromobenzene	mg/kg (ppm)	2.5	<0.05	90	90	34-130	0
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	87	88	18-149	1
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	82	82	28-140	0
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	<0.05	83	83	25-144	0
2-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	85	84	31-134	1
4-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	85	86	31-136	1
tert-Butylbenzene	mg/kg (ppm)	2.5	<0.05	87	88	30-137	1
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	86	87	10-182	1
sec-Butylbenzene	mg/kg (ppm)	2.5	<0.05	85	86	23-145	1
p-Isopropyltoluene	mg/kg (ppm)	2.5	<0.05	86	87	21-149	1
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	87	88	30-131	1
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	84	83	29-129	1
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	87	87	31-132	0
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	<0.5	90	89	11-161	1
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	80	81	22-142	1
Hexachlorobutadiene	mg/kg (ppm)	2.5	<0.25	83	84	10-142	1
Naphthalene	mg/kg (ppm)	2.5	<0.05	80	81	14-157	1
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	81	82	20-144	1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/20/16

Date Received: 04/05/16

Project: SOU_0805-002_20160405, F&BI 604075

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2.5	48	10-146
Chloromethane	mg/kg (ppm)	2.5	68	27-133
Vinyl chloride	mg/kg (ppm)	2.5	72	22-139
Bromomethane	mg/kg (ppm)	2.5	82	38-114
Chloroethane	mg/kg (ppm)	2.5	90	10-163
Trichlorofluoromethane	mg/kg (ppm)	2.5	96	10-196
Acetone	mg/kg (ppm)	12.5	98	52-141
1,1-Dichloroethene	mg/kg (ppm)	2.5	98	47-128
Hexane	mg/kg (ppm)	2.5	86	43-142
Methylene chloride	mg/kg (ppm)	2.5	106	42-132
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	106	60-123
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	102	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	100	68-115
2,2-Dichloropropane	mg/kg (ppm)	2.5	95	52-170
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	104	72-113
Chloroform	mg/kg (ppm)	2.5	107	66-120
2-Butanone (MEK)	mg/kg (ppm)	12.5	110	57-123
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	119	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	112	62-131
1,1-Dichloropropene	mg/kg (ppm)	2.5	101	69-128
Carbon tetrachloride	mg/kg (ppm)	2.5	115	60-139
Benzene	mg/kg (ppm)	2.5	98	68-114
Trichloroethene	mg/kg (ppm)	2.5	102	64-117
1,2-Dichloropropane	mg/kg (ppm)	2.5	98	72-127
Bromodichloromethane	mg/kg (ppm)	2.5	111	72-130
Dibromomethane	mg/kg (ppm)	2.5	104	70-120
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	107	45-145
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	105	75-136
Toluene	mg/kg (ppm)	2.5	97	66-126
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	105	72-132
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	101	75-113
2-Hexanone	mg/kg (ppm)	12.5	96	33-152
1,3-Dichloropropane	mg/kg (ppm)	2.5	100	72-130
Tetrachloroethene	mg/kg (ppm)	2.5	112	72-114
Dibromochloromethane	mg/kg (ppm)	2.5	109	74-125
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	108	74-132
Chlorobenzene	mg/kg (ppm)	2.5	104	76-111
Ethylbenzene	mg/kg (ppm)	2.5	101	64-123
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	110	69-135
m,p-Xylene	mg/kg (ppm)	5	101	78-122
o-Xylene	mg/kg (ppm)	2.5	102	77-124
Styrene	mg/kg (ppm)	2.5	102	74-126
Isopropylbenzene	mg/kg (ppm)	2.5	102	76-127
Bromoform	mg/kg (ppm)	2.5	97	56-132
n-Propylbenzene	mg/kg (ppm)	2.5	99	74-124
Bromobenzene	mg/kg (ppm)	2.5	105	72-122
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	102	76-126
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	95	56-143
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	97	61-137
2-Chlorotoluene	mg/kg (ppm)	2.5	99	74-121
4-Chlorotoluene	mg/kg (ppm)	2.5	100	75-122
tert-Butylbenzene	mg/kg (ppm)	2.5	102	73-130
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	102	76-125
sec-Butylbenzene	mg/kg (ppm)	2.5	99	71-130
p-Isopropyltoluene	mg/kg (ppm)	2.5	100	70-132
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	101	75-121
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	98	74-117
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	102	76-121
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	105	58-138
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	93	64-135
Hexachlorobutadiene	mg/kg (ppm)	2.5	95	50-153
Naphthalene	mg/kg (ppm)	2.5	93	63-140
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	92	63-138

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

SAMPLE CHA OF CUSTODY ME 04-05-16

V54/A

Send Report to Courtney Schaumburg
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E. Suite 2000
 City, State, ZIP Seattle, Washington 98102
 Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature) <u>[Signature]</u>	
PROJECT NAME/NO <u>0805-002</u>	PO #
REMARKS <u>Hold PM (Courtney) will contact with</u> <u>analytical instructions. * detection limit of</u> <u>0.02 mg/kg for PCE</u> <u>② CMA QSC CMS 4/5/16</u>	

Page # <u>1</u> of <u>2</u> TURNAROUND TIME Standard (2 Weeks) RUSH <u>①</u> Rush charges authorized by: <u>1-WV CMS</u>
SAMPLE DISPOSAL Dispose after 90 days Return samples Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED							Notes
								NWTFH-Dx	NWTFH-Gx	BTEX by SCGIB	CVOCs by SSEC	SVOCs by S278	VOCs by 8260C +		
SB01-05	SB01	05	01A-09/5/16	0905	301	5							⊗		Hold, see Remarks
SB01-10		10	02		0914								⊗		
SB01-15		15	03		0922								⊗		
SB01-20		20	04		0930								⊗		
SB01-25		25	05		0937										
SB01-30		30	06		0946								⊗		
SB01-35		35	07		0955										
SB01-40		40	08		1005										
SB01-45		45	09		1026										
SB01-50	↓	50	10	↓	1044	↓	↓								Samples received at <u>4</u> <u>h</u> ↓

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Logan Schumacher</u>	<u>SES</u>	<u>4/5/16</u>	<u>1700</u>
Received by: <u>[Signature]</u>	<u>Jan Shimazu</u>	<u>FB ? I</u>	<u>1</u>	<u>1</u>
Relinquished by:				
Received by:				

SAMPLE CHART OF CUSTODY ME 04-05-16

VS4/
A03

Send Report to Courtney Schaumburg
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E. Suite 2000
 City, State, ZIP Seattle, Washington 98102
 Phone # 206-806-1900 Fax # 206-806-1907

SAMPLERS (signature) <u>[Signature]</u>	
PROJECT NAME/NO <u>0805-002</u>	PO #
REMARKS <u>HOLD PM (carting) will email w/</u> <u>any type request.</u> *detection limit of 0.02 mg/kg for PCE *run per CMS 4/8/16	

Page # <u>2</u> of <u>2</u> TURNAROUND TIME Standard (2 Weeks) RUSH <u>HOLD</u> *Rush charges authorized by: <u>1-WK CMS</u>
SAMPLE DISPOSAL Dispose after 30 days Return samples Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED							Notes
								NWTFH-Dx	NWTFH-Ox	BTEX by 8021B	CVOCs by 8260C	SVOCs by 8270	VOCs by 8260C*		
SB01-55	SB01	55	11 A.18	4/5/16	1052	S.A.	5						(X)		(HOLD) See results
SB01-60		60	12		1100										
SB01-65		65	13		1108										
SB01-70		70	14		1118								(X)		
SB01-75		75	15		1135										
SB01-80		80	16		1145										
SB01-85		85	17		1152								(X)		↓
SB01-90	↓	90													
SB02-05	SB02	05													
SB02-10	11	10		↓		↓	↓								

Samples received at 4 °C

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

FORM 000-COC.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Logan Schumacher	SES	4/5/16	1700
Received by: <u>[Signature]</u>	Jon Shimazu	FB & I	↓	↓
Relinquished by:				
Received by:				

Friedman & Bruya, Inc. #604135 additional

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

April 15, 2016

Courtney Schaumberg, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Ms. Schaumberg:

Included are the results from the testing of material submitted on April 7, 2016 from the SOU_0805-002_ 20160407, F&BI 604135 project. There are 21 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
SOU0415R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on April 7, 2016 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0805-002_ 20160407, F&BI 604135 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
604135 -01	SB02-05
604135 -02	SB02-10
604135 -03	SB02-15
604135 -04	SB02-20
604135 -05	SB02-25
604135 -06	SB02-30
604135 -07	SB02-35
604135 -08	SB02-40
604135 -09	SB02-45
604135 -10	SB02-50
604135 -11	SB02-55
604135 -12	SB02-60
604135 -13	SB02-65
604135 -14	SB02-70
604135 -15	SB02-75
604135 -16	SB02-80
604135 -17	SB02-85
604135 -18	SB02-90
604135 -19	SB03-05
604135 -20	SB03-10
604135 -21	SB03-15
604135 -22	SB03-20
604135 -23	SB03-25
604135 -24	SB03-30
604135 -25	SB03-35
604135 -26	SB03-40
604135 -27	SB03-45
604135 -28	SB03-50
604135 -29	SB03-55
604135 -30	SB03-60
604135 -31	SB03-70
604135 -32	SB03-75
604135 -33	SB03-80
604135 -34	SB03-85
604135 -35	SB03-90

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE (CONTINUED)

The 8260C tetrachloroethene laboratory control sample exceeded the acceptance criteria. This analyte was not detected in the samples, therefore the data were acceptable.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB02-05	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	604135-01
Date Analyzed:	04/11/16	Data File:	041108.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	99	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB02-10	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	604135-02
Date Analyzed:	04/11/16	Data File:	041109.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	103	55	145
4-Bromofluorobenzene	99	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB02-15	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	604135-03
Date Analyzed:	04/11/16	Data File:	041110.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	97	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB02-20	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	604135-04
Date Analyzed:	04/11/16	Data File:	041111.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	103	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB02-30	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	604135-06
Date Analyzed:	04/11/16	Data File:	041112.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	97	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB02-50	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	604135-10
Date Analyzed:	04/11/16	Data File:	041113.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	103	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB02-70	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	604135-14
Date Analyzed:	04/11/16	Data File:	041114.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	103	55	145
4-Bromofluorobenzene	97	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB02-90	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	604135-18
Date Analyzed:	04/11/16	Data File:	041115.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	104	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB03-05	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	604135-19
Date Analyzed:	04/11/16	Data File:	041116.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	97	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB03-10	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	604135-20
Date Analyzed:	04/11/16	Data File:	041117.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB03-15	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	604135-21
Date Analyzed:	04/11/16	Data File:	041118.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB03-20	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	604135-22
Date Analyzed:	04/11/16	Data File:	041119.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB03-30	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	604135-24
Date Analyzed:	04/11/16	Data File:	041126.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	103	55	145
4-Bromofluorobenzene	99	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB03-45	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	604135-27
Date Analyzed:	04/11/16	Data File:	041127.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB03-70	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	604135-31
Date Analyzed:	04/11/16	Data File:	041128.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB03-90	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	604135-35
Date Analyzed:	04/11/16	Data File:	041129.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	103	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0805-002_ 20160407
Date Extracted:	04/11/16	Lab ID:	06-0638 mb
Date Analyzed:	04/11/16	Data File:	041105.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/15/16

Date Received: 04/07/16

Project: SOU_0805-002_20160407, F&BI 604135

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 604135-24 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	61	62	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	69	75	10-176	8
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	89	90	10-160	1
Methylene chloride	mg/kg (ppm)	2.5	<0.5	102	107	10-156	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	93	97	14-137	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	91	96	19-140	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	95	102	25-135	7
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	109	115	12-160	5
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	105	109	10-156	4
Trichloroethene	mg/kg (ppm)	2.5	<0.02	96	100	21-139	4
Tetrachloroethene	mg/kg (ppm)	2.5	<0.02	107	111	20-133	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	86	22-139
Chloroethane	mg/kg (ppm)	2.5	87	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	107	47-128
Methylene chloride	mg/kg (ppm)	2.5	117	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	110	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	105	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	109	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	125	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	121	62-131
Trichloroethene	mg/kg (ppm)	2.5	110	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	119 vo	72-114

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

SAMPLE CHA OF CUSTODY

ME 04/07/16

US4/CI3

Send Report to Courtney Schaumburg

Company SoundEarth Strategies, Inc.

Address 2811 Fairview Avenue E. Suite 2000

City, State, ZIP Seattle, Washington 98102

Phone # 206-306-1900 Fax # 206-306-1907

SAMPLER (signature)

PROJECT NAME/NO.

0806-002

PO #

REMARKS

Hold PH (containing) with contact w/
analysis request. * detection limit
of 0.02 mg/kg for PCE
(2) can per CMS 4/8/16

Page # 1 of 34

TURNAROUND TIME

Standard (3 Weeks)

RUSH Hold

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

(15)

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED						Samples received at	Notes
								NWTFH-Dx	NWTFH-Ox	BTX by 8021B	CVOCs by 8260C	SVOCs by 8270	VOCs by 8260C		
SB02-05	SB02	05	01A-1	4/6/16	0755	Soil	5							4 °C	(Hold) See remarks
SB02-10		10	02		0805										
SB02-15		15	03		0812										
SB02-20		20	04		0825										
SB02-25		25	05		0832										
SB02-30		30	06		0838										
SB02-35		35	07		0848										
SB02-40		40	08		0856										
SB02-45		45	09		0904										
SB02-50	↓	50	10	↓	0912	↓	↓							↓	

Friedman & Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 286-8282

Fax (206) 283-5044

FORMS\DOC\COG.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Logan Schumacher	SES	4/5/16	1:22
Received by: <u>[Signature]</u>	Sealane	SES	4/7/16	1320
Relinquished by:				
Received by:				

Samples received at 4 °C

604135

SAMPLE CHART OF CUSTODY

ME 04/07/16

US4/CT3

Send Report to Courtney SchaumburgCompany SoundEarth Strategies, Inc.Address 2811 Fairview Avenue E. Suite 2000City, State, ZIP Seattle, Washington 98102Phone # 206-306-1900 Fax # 206-306-1907SAMPLERS (signature) [Signature]PROJECT NAME/NO. 0805-002

PO #

REMARKS

Hold PM (Courtney) will contact w/ analysts request * detection limit of 0.005 mg/kg PCE⊗ under CMS 4/6/16Page # 2 of 4

TURNAROUND TIME

Standard (2 Weeks)

RUSH ⊗

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED							Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	CVOCs by 8280C	SVOCs by 8270	VOCs by 8260+		
SB02-65	SB02	55	11 ^A	4/6/16	0925	Soil	5								<u>Hold</u> see Remarks
SB02-60	↓	60	12		0934										
SB02-65		65	13		0940										
SB02-70		70	14		0945								⊗		
SB02-75		75	15		0955										
SB02-80		80	16		1015										
SB02-85		85	17		1022										
SB02-90	↓	90	18		1030								⊗		
SB03-05	SB03	05	19		1320								⊗		
SB03-10	↓	10	20		1330								⊗		

Friedman & Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COG\COG.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Courtney Schaumburg</u>	<u>SES</u>	<u>4/6/16</u>	<u>1900</u>
Received by: <u>[Signature]</u>	<u>Bill Brown</u>	<u>JB</u>	<u>4/6/16</u>	<u>1350</u>
Relinquished by:			<u>4/7/16</u>	
Received by:				

Samples received at 4 °C

SAMPLE CHA OF CUSTODY

ME 04/07/16

US4/CI 3

Send Report to 604/135
Courtney Schaumburg
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E. Suite 2000
 City, State, ZIP Seattle, Washington 98102
 Phone # 206-306-1900 Fax # 206-306-1907

SAMPLES (signature) <u>[Signature]</u>	
PROJECT NAME/NO. <u>0805-002</u>	PO #
REMARKS <u>(Hold) PM (Larby) will contact w/</u> <u>analysis request</u> <u>*detection limit of 0.02 mg/kg for PCB</u> <u>Drop per 15/16</u>	

Page # 3 of 4 DS

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH (Hold)
 Rush charges authorized by: _____

SAMPLE DISPOSAL
 Dispose after 90 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED							Samples received at 4 °C	Notes
								NWTFH-Dx	NWTFH-Gx	ETEX by 8081B	CVOCs by 8080C	SVOCs by 8070	VOCs by 8260C			
SB03-15	SB03	15	(NP)	4/6/16	1338	Soil	5							(X)		(Hold) See Remarks
SB03-20		20	22		1346									(X)		
SB03-25		25	23		1400											
SB03-30		30	24		1410									(X)		
SB03-35		35	25		1418											
SB03-40		40	26		1425											
SB03-45		45	27		1437									(X)		
SB03-50		50	28		1445											
SB03-55		55	29		1452											
SB03-60	↓	60	30	↓	1508	↓	↓									↓

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 288-8382
 Fax (206) 288-5044
 FORM 5000.COC.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Logan Schumacher</u>	<u>SES</u>	<u>4/6/16</u>	<u>10:10</u>
Received by: <u>[Signature]</u>	<u>[Signature]</u>	<u>F&B</u>	<u>4/7/16</u>	<u>1350</u>
Relinquished by:				
Received by:				

Samples received at 4 °C

SAMPLE CHAIN OF CUSTODY

ME 04/07/16

US4/ 013

4 1 4

(Lds)

Send Report to Courtney Schaumburg
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E. Suite 2000
 City, State, ZIP Seattle, Washington 98102
 Phone # 206-806-1900 Fax # 206-806-1907

SAMPLERS (signature) <u>[Signature]</u>	
PROJECT NAME/NO. <u>0805-002</u>	PO #
REMARKS <u>Hold PM (Courtney) will contact w/</u> <u>analysis request. 4 detection limit of</u> <u>0.02 mg/l kg for PCE</u> <u>Drum per CMS 4/15/16</u>	

Page # <u>3</u> of <u>3</u> TURNAROUND TIME Standard (4 Weeks) RUSH <u>HOLD</u> Rush charges authorized by: <u>1-wk</u>	SAMPLE DISPOSAL Dispose after 30 days Return samples Will call with instructions
---	--

Lab ID	Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED							Samples received at <u>4</u> °C	Notes
									NPH-LDx	NPH-LGx	BTEX by 8021B	CVOCs by 8280C	SVOCs by 8270	VOCs by 8200	SVOCs by 8200		
	SB03-65	SB03	65	NP	4/6/16	1518	Soil	5									<u>Hold</u> <u>see remarks</u>
31 ^H	SB03-70	SB03	70	22		1525											
32	SB03-75		75	22		1535											
33	SB03-80		80	22		1545											
34	SB03-85		85	22		1552											
35	SB03-90		90	22		1600											

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 285-8044

FORMS\COC\COC.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Logan Schumacher</u>	<u>SES</u>	<u>4/6/16</u>	<u>1900</u>
Received by: <u>[Signature]</u>	<u>[Signature]</u>	<u>FAB</u>	<u>4/6/16</u>	<u>1200</u>
Relinquished by:				
Received by:				

Samples received at 4 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

April 20, 2016

Courtney Schaumberg, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Ms. Schaumberg:

Included are the additional results from the testing of material submitted on April 7, 2016 from the SOU_0805-002_20160407, F&BI 604135 project. There are 22 pages included in this report. Per your chain of custody, the cVOC list was expanded to the full list of VOCs.

We apologize for the inconvenience and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
SOU0420R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on April 7, 2016 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0805-002_ 20160407, F&BI 604135 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
604135 -01	SB02-05
604135 -02	SB02-10
604135 -03	SB02-15
604135 -04	SB02-20
604135 -05	SB02-25
604135 -06	SB02-30
604135 -07	SB02-35
604135 -08	SB02-40
604135 -09	SB02-45
604135 -10	SB02-50
604135 -11	SB02-55
604135 -12	SB02-60
604135 -13	SB02-65
604135 -14	SB02-70
604135 -15	SB02-75
604135 -16	SB02-80
604135 -17	SB02-85
604135 -18	SB02-90
604135 -19	SB03-05
604135 -20	SB03-10
604135 -21	SB03-15
604135 -22	SB03-20
604135 -23	SB03-25
604135 -24	SB03-30
604135 -25	SB03-35
604135 -26	SB03-40
604135 -27	SB03-45
604135 -28	SB03-50
604135 -29	SB03-55
604135 -30	SB03-60
604135 -31	SB03-70
604135 -32	SB03-75
604135 -33	SB03-80
604135 -34	SB03-85
604135 -35	SB03-90

CASE NARRATIVE (CONTINUED)

The 8260C tetrachloroethene laboratory control sample exceeded the acceptance criteria. This analyte was not detected in the samples, therefore the data were acceptable.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB02-05	Client: SoundEarth Strategies
Date Received: 04/07/16	Project: SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted: 04/11/16	Lab ID: 604135-01
Date Analyzed: 04/11/16	Data File: 041108.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	99	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB02-10	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted:	04/11/16	Lab ID:	604135-02
Date Analyzed:	04/11/16	Data File:	041109.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	103	55	145
4-Bromofluorobenzene	99	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB02-15	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted:	04/11/16	Lab ID:	604135-03
Date Analyzed:	04/11/16	Data File:	041110.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	97	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB02-20	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted:	04/11/16	Lab ID:	604135-04
Date Analyzed:	04/11/16	Data File:	041111.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	103	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB02-30	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted:	04/11/16	Lab ID:	604135-06
Date Analyzed:	04/11/16	Data File:	041112.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	97	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB02-50	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted:	04/11/16	Lab ID:	604135-10
Date Analyzed:	04/11/16	Data File:	041113.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	103	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB02-70	Client: SoundEarth Strategies
Date Received: 04/07/16	Project: SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted: 04/11/16	Lab ID: 604135-14
Date Analyzed: 04/11/16	Data File: 041114.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	103	55	145
4-Bromofluorobenzene	97	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB02-90	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted:	04/11/16	Lab ID:	604135-18
Date Analyzed:	04/11/16	Data File:	041115.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	104	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB03-05	Client: SoundEarth Strategies
Date Received: 04/07/16	Project: SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted: 04/11/16	Lab ID: 604135-19
Date Analyzed: 04/11/16	Data File: 041116.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	97	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB03-10	Client: SoundEarth Strategies
Date Received: 04/07/16	Project: SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted: 04/11/16	Lab ID: 604135-20
Date Analyzed: 04/11/16	Data File: 041117.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB03-15	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted:	04/11/16	Lab ID:	604135-21
Date Analyzed:	04/11/16	Data File:	041118.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB03-20	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted:	04/11/16	Lab ID:	604135-22
Date Analyzed:	04/11/16	Data File:	041119.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB03-30	Client: SoundEarth Strategies
Date Received: 04/07/16	Project: SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted: 04/11/16	Lab ID: 604135-24
Date Analyzed: 04/11/16	Data File: 041126.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	103	55	145
4-Bromofluorobenzene	99	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB03-45	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted:	04/11/16	Lab ID:	604135-27
Date Analyzed:	04/11/16	Data File:	041127.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB03-70	Client:	SoundEarth Strategies
Date Received:	04/07/16	Project:	SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted:	04/11/16	Lab ID:	604135-31
Date Analyzed:	04/11/16	Data File:	041128.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB03-90	Client: SoundEarth Strategies
Date Received: 04/07/16	Project: SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted: 04/11/16	Lab ID: 604135-35
Date Analyzed: 04/11/16	Data File: 041129.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	103	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_ 0805-002_ 20160407, F&BI 604135
Date Extracted:	04/11/16	Lab ID:	06-0638 mb
Date Analyzed:	04/11/16	Data File:	041105.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	55	145
4-Bromofluorobenzene	98	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/20/16

Date Received: 04/07/16

Project: SOU_ 0805-002_ 20160407, F&BI 604135

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 604135-24 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	2.5	<0.5	32	33	10-142	3
Chloromethane	mg/kg (ppm)	2.5	<0.5	60	62	10-126	3
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	61	62	10-138	2
Bromomethane	mg/kg (ppm)	2.5	<0.5	71	77	10-163	8
Chloroethane	mg/kg (ppm)	2.5	<0.5	69	75	10-176	8
Trichlorofluoromethane	mg/kg (ppm)	2.5	<0.5	82	86	10-176	5
Acetone	mg/kg (ppm)	12.5	<0.5	89	90	10-163	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	89	90	10-160	1
Hexane	mg/kg (ppm)	2.5	<0.25	68	72	10-137	6
Methylene chloride	mg/kg (ppm)	2.5	<0.5	102	107	10-156	5
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	<0.05	100	105	21-145	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	93	97	14-137	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	91	96	19-140	5
2,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	86	87	10-158	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	95	102	25-135	7
Chloroform	mg/kg (ppm)	2.5	<0.05	99	105	21-145	6
2-Butanone (MEK)	mg/kg (ppm)	12.5	<0.5	105	107	19-147	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	109	115	12-160	5
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	105	109	10-156	4
1,1-Dichloropropene	mg/kg (ppm)	2.5	<0.05	94	98	17-140	4
Carbon tetrachloride	mg/kg (ppm)	2.5	<0.05	108	114	9-164	5
Benzene	mg/kg (ppm)	2.5	<0.03	91	96	29-129	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	96	100	21-139	4
1,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	90	95	30-135	5
Bromodichloromethane	mg/kg (ppm)	2.5	<0.05	104	111	23-155	7
Dibromomethane	mg/kg (ppm)	2.5	<0.05	99	104	23-145	5
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	<0.5	102	107	24-155	5
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	98	102	28-144	4
Toluene	mg/kg (ppm)	2.5	<0.05	90	92	35-130	2
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	97	101	26-149	4
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	<0.05	93	97	10-205	4
2-Hexanone	mg/kg (ppm)	12.5	<0.5	87	90	15-166	3
1,3-Dichloropropane	mg/kg (ppm)	2.5	<0.05	93	96	31-137	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.02	107	111	20-133	4
Dibromochloromethane	mg/kg (ppm)	2.5	<0.05	102	107	28-150	5
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	<0.05	99	103	28-142	4
Chlorobenzene	mg/kg (ppm)	2.5	<0.05	97	101	32-129	4
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	93	97	32-137	4
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	105	110	31-143	5
m,p-Xylene	mg/kg (ppm)	5	<0.1	94	97	34-136	3
o-Xylene	mg/kg (ppm)	2.5	<0.05	94	98	33-134	4
Styrene	mg/kg (ppm)	2.5	<0.05	95	99	35-137	4
Isopropylbenzene	mg/kg (ppm)	2.5	<0.05	95	99	31-142	4
Bromoform	mg/kg (ppm)	2.5	<0.05	96	99	21-156	3
n-Propylbenzene	mg/kg (ppm)	2.5	<0.05	90	93	23-146	3
Bromobenzene	mg/kg (ppm)	2.5	<0.05	96	99	34-130	3
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	94	97	18-149	3
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	88	91	28-140	3
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	<0.05	90	92	25-144	2
2-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	90	94	31-134	4
4-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	92	95	31-136	3
tert-Butylbenzene	mg/kg (ppm)	2.5	<0.05	95	97	30-137	2
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	94	97	10-182	3
sec-Butylbenzene	mg/kg (ppm)	2.5	<0.05	92	94	23-145	2
p-Isopropyltoluene	mg/kg (ppm)	2.5	<0.05	93	96	21-149	3
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	93	96	30-131	3
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	90	94	29-129	4
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	96	99	31-132	3
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	<0.5	98	101	11-161	3
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	92	95	22-142	3
Hexachlorobutadiene	mg/kg (ppm)	2.5	<0.25	95	97	10-142	2
Naphthalene	mg/kg (ppm)	2.5	<0.05	90	93	14-157	3
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	93	97	20-144	4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/20/16

Date Received: 04/07/16

Project: SOU_ 0805-002_ 20160407, F&BI 604135

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2.5	65	10-146
Chloromethane	mg/kg (ppm)	2.5	82	27-133
Vinyl chloride	mg/kg (ppm)	2.5	86	22-139
Bromomethane	mg/kg (ppm)	2.5	92	38-114
Chloroethane	mg/kg (ppm)	2.5	87	10-163
Trichlorofluoromethane	mg/kg (ppm)	2.5	111	10-196
Acetone	mg/kg (ppm)	12.5	103	52-141
1,1-Dichloroethene	mg/kg (ppm)	2.5	107	47-128
Hexane	mg/kg (ppm)	2.5	92	43-142
Methylene chloride	mg/kg (ppm)	2.5	117	42-132
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	111	60-123
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	110	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	105	68-115
2,2-Dichloropropane	mg/kg (ppm)	2.5	90	52-170
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	109	72-113
Chloroform	mg/kg (ppm)	2.5	113	66-120
2-Butanone (MEK)	mg/kg (ppm)	12.5	118	57-123
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	125	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	121	62-131
1,1-Dichloropropene	mg/kg (ppm)	2.5	107	69-128
Carbon tetrachloride	mg/kg (ppm)	2.5	126	60-139
Benzene	mg/kg (ppm)	2.5	104	68-114
Trichloroethene	mg/kg (ppm)	2.5	110	64-117
1,2-Dichloropropane	mg/kg (ppm)	2.5	102	72-127
Bromodichloromethane	mg/kg (ppm)	2.5	117	72-130
Dibromomethane	mg/kg (ppm)	2.5	112	70-120
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	114	45-145
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	108	75-136
Toluene	mg/kg (ppm)	2.5	100	66-126
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	105	72-132
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	104	75-113
2-Hexanone	mg/kg (ppm)	12.5	96	33-152
1,3-Dichloropropane	mg/kg (ppm)	2.5	103	72-130
Tetrachloroethene	mg/kg (ppm)	2.5	119 vo	72-114
Dibromochloromethane	mg/kg (ppm)	2.5	115	74-125
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	111	74-132
Chlorobenzene	mg/kg (ppm)	2.5	108	76-111
Ethylbenzene	mg/kg (ppm)	2.5	103	64-123
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	115	69-135
m,p-Xylene	mg/kg (ppm)	5	104	78-122
o-Xylene	mg/kg (ppm)	2.5	105	77-124
Styrene	mg/kg (ppm)	2.5	106	74-126
Isopropylbenzene	mg/kg (ppm)	2.5	105	76-127
Bromoform	mg/kg (ppm)	2.5	105	56-132
n-Propylbenzene	mg/kg (ppm)	2.5	98	74-124
Bromobenzene	mg/kg (ppm)	2.5	106	72-122
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	102	76-126
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	94	56-143
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	97	61-137
2-Chlorotoluene	mg/kg (ppm)	2.5	99	74-121
4-Chlorotoluene	mg/kg (ppm)	2.5	100	75-122
tert-Butylbenzene	mg/kg (ppm)	2.5	102	73-130
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	101	76-125
sec-Butylbenzene	mg/kg (ppm)	2.5	98	71-130
p-Isopropyltoluene	mg/kg (ppm)	2.5	100	70-132
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	102	75-121
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	99	74-117
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	103	76-121
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	107	58-138
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	99	64-135
Hexachlorobutadiene	mg/kg (ppm)	2.5	98	50-153
Naphthalene	mg/kg (ppm)	2.5	98	63-140
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	102	63-138

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

SAMPLE CHA OF CUSTODY

ME 04/07/16

US4/CI3

Send Report to Courtney Schaumburg

Company SoundEarth Strategies, Inc.

Address 2811 Fairview Avenue E. Suite 2000

City, State, ZIP Seattle, Washington 98102

Phone # 206-306-1900 Fax # 206-306-1907

SAMPLER (signature)

PROJECT NAME/NO.

0806-002

PO #

REMARKS

Hold PH (containing) with contact w/
analysis request. * detection limit
of 0.02 mg/kg for PCE
(2) can per CMS 4/8/16

Page # 1 of 34

TURNAROUND TIME

Standard (3 Weeks)

RUSH HOLD

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

(15)

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED						Samples received at <u>4</u> °C	Notes
								NWTFH-Dx	NWTFH-Ox	BTEX by 8021B	CVOCs by 8280C	SVOCs by 8270	VOCs by 8260C		
SB02-05	SB02	05	01A-1	4/6/16	0755	Soil	5						⊗		(Hold) See remarks
SB02-10		10	02		0805								⊗		
SB02-15		15	03		0812								⊗		
SB02-20		20	04		0825								⊗		
SB02-25		25	05		0832										
SB02-30		30	06		0838								⊗		
SB02-35		35	07		0848										
SB02-40		40	08		0856										
SB02-45		45	09		0904										
SB02-50	↓	50	10	↓	0912	↓	↓						⊗		↓

Friedman & Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 286-8282

Fax (206) 283-5044

FORMS\COO\COG.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Logan Schumacher	SES	4/5/16	1:22
Received by: <u>[Signature]</u>	Sealane	SES	4/7/16	1320
Relinquished by:				
Received by:				

Samples received at 4 °C

604135

SAMPLE CHART OF CUSTODY

ME 04/07/16

US4/CT3

Send Report to Courtney SchaumburgCompany SoundEarth Strategies, Inc.Address 2811 Fairview Avenue E. Suite 2000City, State, ZIP Seattle, Washington 98102Phone # 206-306-1900 Fax # 206-306-1907SAMPLERS (signature) [Signature]

PROJECT NAME/NO.

PO #

0805-002

Page # 2 of 4

TURNAROUND TIME

Standard (2 Weeks)

RUSH [Initials]

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

REMARKS

Hold PM (Courtney) will contact w/ analysts request * detection limit of 0.005 mg/kg PCE⊗ under CMS 4/6/16

ANALYSES REQUESTED

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	CVOCs by 8280C	SVOCs by 8270	VOCs by 8260+	Notes
SB02-65	SB02	55	11 ^A	4/6/16	0925	Soil	5							<u>Hold</u> see Remarks
SB02-60		60	12		0934									
SB02-65		65	13		0940									
SB02-70		70	14		0945								⊗	
SB02-75		75	15		0955									
SB02-80		80	16		1015									
SB02-85		85	17		1022									
SB02-90	↓	90	18		1030								⊗	
SB03-05	SB03	05	19		1320								⊗	
SB03-10	↓	10	20		1330								⊗	

Friedman & Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COG\COG.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Courtney Schaumburg</u>	<u>SES</u>	<u>4/6/16</u>	<u>1900</u>
Received by: <u>[Signature]</u>	<u>Bill Brown</u>	<u>JB</u>	<u>4/6/16</u>	<u>1350</u>
Relinquished by:			<u>4/7/16</u>	
Received by:				

Samples received at 4 °C

SAMPLE CHA OF CUSTODY

ME 04/07/16

US4/CI 3

Send Report to 604/135 Courtney Schaumburg
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E. Suite 2000
 City, State, ZIP Seattle, Washington 98102
 Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature) <u>[Signature]</u>	
PROJECT NAME/NO. <u>0805-002</u>	PO #
REMARKS <u>(Hold) PM (Larby) will contact w/</u> <u>analysis request</u> <u>*detection limit of</u> <u>0.02 mg/kg for PCB</u> <u>Group 1 PCBs</u>	

Page # 31 of 38 (DS)

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH (Hold)
 Rush charges authorized by: _____

SAMPLE DISPOSAL
 Dispose after 90 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED							Samples received at 4 °C	Notes
								NWTFH-Dx	NWTFH-Gx	ETEX by 8081B	CVOCs by 8080C	SVOCs by 8070	VOCs by 8260C			
SB03-15	SB03	15	(NP)	4/6/16	1338	Soil	5									(Hold) See Remarks
SB03-20		20			1346											
SB03-25		25			1400											
SB03-30		30			1410											
SB03-35		35			1418											
SB03-40		40			1425											
SB03-45		45			1437											
SB03-50		50			1445											
SB03-55		55			1452											
SB03-60		60			1508											

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 288-8382
 Fax (206) 288-5044
 FORMS\COG\COG.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Logan Schumacher</u>	<u>SES</u>	<u>4/6/16</u>	<u>10:10</u>
Received by: <u>[Signature]</u>	<u>[Signature]</u>	<u>F&B</u>	<u>4/7/16</u>	<u>1350</u>
Relinquished by:				
Received by:				

Samples received at 4 °C

SAMPLE CHAIN OF CUSTODY

ME 04/07/16

US4/ 013

4 1 4

(Lds)

Send Report to Courtney Schaumburg
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E. Suite 2000
 City, State, ZIP Seattle, Washington 98102
 Phone # 206-806-1900 Fax # 206-806-1907

SAMPLERS (signature) <u>[Signature]</u>	
PROJECT NAME/NO. <u>0805-002</u>	PO #
REMARKS <u>Hold PM (Courtney) will contact w/</u> <u>analysis request. 4 detection limit of</u> <u>0.02 mg/l kg for PCE</u> <u>Drum per CMS 4/15/16</u>	

Page # <u>3</u> of <u>3</u>
TURNAROUND TIME Standard (1 Week) RUSH <u>HOLD</u> Rush charges authorized by: <u>1-wk</u>
SAMPLE DISPOSAL Dispose after 30 days Return samples Will call with instructions

Lab ID	Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED							Samples received at <u>4</u> °C	Notes
									NPH-LDx	NPH-LGx	BTEX by 8021B	CVOCs by 8020C	SVOCs by 8070	VOCs by 8020H	STOC		
	SB03-65	SB03	65	NP	4/6/16	1518	Soil	5									<u>Hold</u> <u>see remarks</u>
31 ^H	SB03-70	SB03	70	22		1525											
32	SB03-75		75	22		1535											
33	SB03-80		80	22		1545											
34	SB03-85		85	22		1552											
35	SB03-90		90	22		1600											

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 288-5044

FORMS\COC\COC.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Logan Schumacher</u>	<u>SES</u>	<u>4/6/16</u>	<u>1900</u>
Received by: <u>[Signature]</u>	<u>[Signature]</u>	<u>FAB</u>	<u>4/6/16</u>	<u>1200</u>
Relinquished by:				
Received by:				

Samples received at 4 °C

Friedman & Bruya, Inc. #606455

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

June 28, 2016

Courtney Schaumberg, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Ms Schaumberg:

Included are the results from the testing of material submitted on June 24, 2016 from the SOU_0805-002_ 20160624, F&BI 606455 project. There are 59 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
SOU0628R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on June 24, 2016 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0805-002_ 20160624, F&BI 606455 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
606455 -01	SB14-05
606455 -02	SB14-06
606455 -03	SB14-7.5
606455 -04	SB14-12
606455 -05	SB04-5
606455 -06	SB04-6
606455 -07	SB04-7.5
606455 -08	SB05-5
606455 -09	SB05-6
606455 -10	SB05-7.5
606455 -11	SB05-12
606455 -12	SB06-5
606455 -13	SB06-6
606455 -14	SB06-7.5
606455 -15	SB06-12
606455 -16	SB15-5
606455 -17	SB15-6
606455 -18	SB15-7.5
606455 -19	SB15-12
606455 -20	SB07-3
606455 -21	SB07-6
606455 -22	SB07-7.5
606455 -23	SB07-17
606455 -24	SB08-2.5
606455 -25	SB08-5
606455 -26	SB08-6
606455 -27	SB08-7.5
606455 -28	SB13-1.5
606455 -29	SB13-5
606455 -30	SB13-7.5
606455 -31	SB13-10
606455 -32	SB12-2.5
606455 -33	SB12-5
606455 -34	SB12-7.5
606455 -35	SB12-10
606455 -36	SB11-2.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE (continued)

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
606455 -37	SB11-5
606455 -38	SB11-7.5
606455 -39	SB11-10
606455 -40	SB10-1.5
606455 -41	SB10-5
606455 -42	SB10-7.5
606455 -43	SB10-10
606455 -44	SB09-1.5
606455 -45	SB09-5
606455 -46	SB09-8
606455 -47	SB09-10

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB14-05	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-01
Date Analyzed: 06/24/16	Data File: 062425.D
Matrix: Soil	Instrument: GCMS9
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	89	113
Toluene-d8	100	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB14-06	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-02
Date Analyzed:	06/24/16	Data File:	062426.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	89	113
Toluene-d8	99	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB14-7.5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-03
Date Analyzed:	06/24/16	Data File:	062427.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	89	113
Toluene-d8	99	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB14-12	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-04
Date Analyzed: 06/24/16	Data File: 062428.D
Matrix: Soil	Instrument: GCMS9
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	89	113
Toluene-d8	101	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB04-5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-05
Date Analyzed:	06/24/16	Data File:	062429.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	89	113
Toluene-d8	100	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB04-6	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-06
Date Analyzed: 06/24/16	Data File: 062430.D
Matrix: Soil	Instrument: GCMS9
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	89	113
Toluene-d8	100	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB04-7.5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-07
Date Analyzed:	06/24/16	Data File:	062431.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	96	89	113
Toluene-d8	100	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB05-5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-08
Date Analyzed:	06/24/16	Data File:	062432.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	89	113
Toluene-d8	100	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB05-6	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-09
Date Analyzed: 06/24/16	Data File: 062433.D
Matrix: Soil	Instrument: GCMS9
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	89	113
Toluene-d8	100	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB05-7.5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-10
Date Analyzed:	06/24/16	Data File:	062434.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	89	113
Toluene-d8	99	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB05-12	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-11
Date Analyzed: 06/24/16	Data File: 062435.D
Matrix: Soil	Instrument: GCMS9
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	89	113
Toluene-d8	100	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB06-5	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-12
Date Analyzed: 06/24/16	Data File: 062436.D
Matrix: Soil	Instrument: GCMS9
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	89	113
Toluene-d8	99	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	0.047	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB06-6	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-13
Date Analyzed: 06/24/16	Data File: 062437.D
Matrix: Soil	Instrument: GCMS9
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	89	113
Toluene-d8	100	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB06-7.5	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-14
Date Analyzed: 06/24/16	Data File: 062438.D
Matrix: Soil	Instrument: GCMS9
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	89	113
Toluene-d8	100	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB06-12	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-15
Date Analyzed: 06/24/16	Data File: 062439.D
Matrix: Soil	Instrument: GCMS9
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	89	113
Toluene-d8	99	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB15-5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-16
Date Analyzed:	06/24/16	Data File:	062440.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	89	113
Toluene-d8	100	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB15-6	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-17
Date Analyzed: 06/24/16	Data File: 062414.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	107	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB15-7.5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-18
Date Analyzed:	06/24/16	Data File:	062415.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	107	55	145
4-Bromofluorobenzene	103	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB15-12	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-19
Date Analyzed:	06/24/16	Data File:	062416.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	107	55	145
4-Bromofluorobenzene	103	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB07-3	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-20
Date Analyzed: 06/24/16	Data File: 062417.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	107	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	0.080
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB07-6	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-21
Date Analyzed:	06/24/16	Data File:	062418.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	108	55	145
4-Bromofluorobenzene	103	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	0.035
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB07-7.5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-22
Date Analyzed:	06/24/16	Data File:	062419.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	108	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB07-17	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-23
Date Analyzed:	06/24/16	Data File:	062420.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	108	55	145
4-Bromofluorobenzene	103	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB08-2.5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-24
Date Analyzed:	06/24/16	Data File:	062421.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	108	55	145
4-Bromofluorobenzene	103	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	0.043
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB08-5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-25
Date Analyzed:	06/24/16	Data File:	062422.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	107	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB08-6	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-26
Date Analyzed: 06/24/16	Data File: 062423.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	107	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	0.088
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB08-7.5	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-27
Date Analyzed: 06/24/16	Data File: 062424.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	108	55	145
4-Bromofluorobenzene	103	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB13-1.5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-28
Date Analyzed:	06/24/16	Data File:	062425.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	107	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB13-5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-29
Date Analyzed:	06/24/16	Data File:	062426.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	107	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB13-7.5	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-30
Date Analyzed: 06/24/16	Data File: 062427.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	108	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB13-10	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-31
Date Analyzed:	06/25/16	Data File:	062428.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	106	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB12-2.5	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-32
Date Analyzed: 06/25/16	Data File: 062429.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	62	142
Toluene-d8	107	55	145
4-Bromofluorobenzene	103	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB12-5	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-33
Date Analyzed: 06/25/16	Data File: 062430.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	107	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB12-7.5	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-34
Date Analyzed: 06/25/16	Data File: 062431.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	108	55	145
4-Bromofluorobenzene	103	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB12-10	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	606455-35
Date Analyzed:	06/25/16	Data File:	062432.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	106	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB11-2.5	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/24/16	Lab ID: 606455-36
Date Analyzed: 06/25/16	Data File: 062433.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	108	55	145
4-Bromofluorobenzene	103	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB11-5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/27/16	Lab ID:	606455-37
Date Analyzed:	06/27/16	Data File:	062715.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	89	113
Toluene-d8	102	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: SB11-7.5	Client: SoundEarth Strategies
Date Received: 06/24/16	Project: SOU_0805-002_ 20160624, F&BI 606455
Date Extracted: 06/27/16	Lab ID: 606455-38
Date Analyzed: 06/27/16	Data File: 062716.D
Matrix: Soil	Instrument: GCMS9
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	89	113
Toluene-d8	100	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB11-10	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/27/16	Lab ID:	606455-39
Date Analyzed:	06/27/16	Data File:	062717.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	89	113
Toluene-d8	100	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB10-1.5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/27/16	Lab ID:	606455-40
Date Analyzed:	06/27/16	Data File:	062718.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	89	113
Toluene-d8	102	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB10-5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/27/16	Lab ID:	606455-41
Date Analyzed:	06/27/16	Data File:	062719.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	89	113
Toluene-d8	101	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB10-7.5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/27/16	Lab ID:	606455-42
Date Analyzed:	06/27/16	Data File:	062720.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	89	113
Toluene-d8	102	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB10-10	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/27/16	Lab ID:	606455-43
Date Analyzed:	06/27/16	Data File:	062721.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	89	113
Toluene-d8	101	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB09-1.5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/27/16	Lab ID:	606455-44
Date Analyzed:	06/27/16	Data File:	062722.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	89	113
Toluene-d8	100	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB09-5	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/27/16	Lab ID:	606455-45
Date Analyzed:	06/27/16	Data File:	062723.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	89	113
Toluene-d8	102	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB09-8	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/27/16	Lab ID:	606455-46
Date Analyzed:	06/27/16	Data File:	062724.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	89	113
Toluene-d8	101	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SB09-10	Client:	SoundEarth Strategies
Date Received:	06/24/16	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/27/16	Lab ID:	606455-47
Date Analyzed:	06/27/16	Data File:	062725.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	89	113
Toluene-d8	101	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	06-1263 mb
Date Analyzed:	06/24/16	Data File:	062407.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	89	113
Toluene-d8	99	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/24/16	Lab ID:	06-1264 mb
Date Analyzed:	06/24/16	Data File:	062413.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	107	55	145
4-Bromofluorobenzene	103	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0805-002_ 20160624, F&BI 606455
Date Extracted:	06/27/16	Lab ID:	06-1265 mb
Date Analyzed:	06/27/16	Data File:	062706.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	89	113
Toluene-d8	101	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 06/28/16

Date Received: 06/24/16

Project: SOU_0805-002_20160624, F&BI 606455

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 606455-37 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	2.5	<0.5	27	24	10-56	12
Chloromethane	mg/kg (ppm)	2.5	<0.5	53	52	10-90	2
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	55	53	10-91	4
Bromomethane	mg/kg (ppm)	2.5	<0.5	62	64	10-110	3
Chloroethane	mg/kg (ppm)	2.5	<0.5	65	65	10-101	0
Trichlorofluoromethane	mg/kg (ppm)	2.5	<0.5	60	60	10-95	0
Acetone	mg/kg (ppm)	12.5	<0.5	91	93	11-141	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	71	11-103	0
Hexane	mg/kg (ppm)	2.5	<0.25	57	54	10-95	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	86	87	14-128	1
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	<0.05	86	87	17-134	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	81	13-112	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	80	82	23-115	2
2,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	65	66	18-117	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	84	86	25-120	2
Chloroform	mg/kg (ppm)	2.5	<0.05	84	85	29-117	1
2-Butanone (MEK)	mg/kg (ppm)	12.5	<0.5	87	88	20-133	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	89	91	22-124	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	83	85	27-112	2
1,1-Dichloropropene	mg/kg (ppm)	2.5	<0.05	81	82	26-107	1
Carbon tetrachloride	mg/kg (ppm)	2.5	<0.05	79	81	22-115	2
Benzene	mg/kg (ppm)	2.5	<0.03	81	81	26-114	0
Trichloroethene	mg/kg (ppm)	2.5	<0.02	87	87	30-112	0
1,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	85	87	31-119	2
Bromodichloromethane	mg/kg (ppm)	2.5	<0.05	86	88	31-131	2
Dibromomethane	mg/kg (ppm)	2.5	<0.05	85	87	27-124	2
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	<0.5	90	95	16-147	5
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	87	90	28-137	3
Toluene	mg/kg (ppm)	2.5	<0.05	82	83	34-112	1
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	80	82	30-136	2
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	<0.05	86	89	32-126	3
2-Hexanone	mg/kg (ppm)	12.5	<0.5	81	83	17-147	2
1,3-Dichloropropane	mg/kg (ppm)	2.5	<0.05	85	86	29-125	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.02	83	82	25-114	1
Dibromochloromethane	mg/kg (ppm)	2.5	<0.05	84	88	32-143	5
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	<0.05	86	88	32-126	2
Chlorobenzene	mg/kg (ppm)	2.5	<0.05	81	82	37-113	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	82	83	34-115	1
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	86	87	35-126	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	83	83	25-125	0
o-Xylene	mg/kg (ppm)	2.5	<0.05	83	87	27-126	5
Styrene	mg/kg (ppm)	2.5	<0.05	85	88	39-121	3
Isopropylbenzene	mg/kg (ppm)	2.5	<0.05	86	87	34-123	1
Bromoform	mg/kg (ppm)	2.5	<0.05	78	81	18-155	4
n-Propylbenzene	mg/kg (ppm)	2.5	<0.05	85	86	31-120	1
Bromobenzene	mg/kg (ppm)	2.5	<0.05	84	85	40-115	1
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	86	85	24-130	1
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	80	79	27-148	1
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	<0.05	84	85	33-123	1
2-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	84	85	39-110	1
4-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	86	86	39-111	0
tert-Butylbenzene	mg/kg (ppm)	2.5	<0.05	90	89	36-116	1
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	85	86	35-116	1
sec-Butylbenzene	mg/kg (ppm)	2.5	<0.05	87	86	33-118	1
p-Isopropyltoluene	mg/kg (ppm)	2.5	<0.05	86	85	32-119	1
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	82	84	38-111	2
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	82	83	39-109	1
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	82	82	40-111	0
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	<0.5	82	86	37-122	5
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	86	86	31-121	0
Hexachlorobutadiene	mg/kg (ppm)	2.5	<0.25	83	83	24-128	0
Naphthalene	mg/kg (ppm)	2.5	<0.05	86	88	24-139	2
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	86	88	35-117	2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 06/28/16

Date Received: 06/24/16

Project: SOU_0805-002_20160624, F&BI 606455

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2.5	61	10-76
Chloromethane	mg/kg (ppm)	2.5	76	34-98
Vinyl chloride	mg/kg (ppm)	2.5	80	42-107
Bromomethane	mg/kg (ppm)	2.5	83	46-113
Chloroethane	mg/kg (ppm)	2.5	86	47-115
Trichlorofluoromethane	mg/kg (ppm)	2.5	88	53-112
Acetone	mg/kg (ppm)	12.5	102	39-147
1,1-Dichloroethene	mg/kg (ppm)	2.5	91	65-110
Hexane	mg/kg (ppm)	2.5	93	55-107
Methylene chloride	mg/kg (ppm)	2.5	99	50-127
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	99	72-122
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	95	74-109
2,2-Dichloropropane	mg/kg (ppm)	2.5	109	64-151
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	73-110
Chloroform	mg/kg (ppm)	2.5	96	76-110
2-Butanone (MEK)	mg/kg (ppm)	12.5	103	60-121
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	102	73-111
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	102	72-116
1,1-Dichloropropene	mg/kg (ppm)	2.5	96	72-112
Carbon tetrachloride	mg/kg (ppm)	2.5	103	67-123
Benzene	mg/kg (ppm)	2.5	93	72-106
Trichloroethene	mg/kg (ppm)	2.5	93	72-107
1,2-Dichloropropane	mg/kg (ppm)	2.5	98	74-115
Bromodichloromethane	mg/kg (ppm)	2.5	102	75-126
Dibromomethane	mg/kg (ppm)	2.5	97	76-116
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	110	80-128
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	110	71-138
Toluene	mg/kg (ppm)	2.5	92	74-111
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	103	77-135
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	99	77-116
2-Hexanone	mg/kg (ppm)	12.5	98	70-129
1,3-Dichloropropane	mg/kg (ppm)	2.5	98	75-115
Tetrachloroethene	mg/kg (ppm)	2.5	96	73-111
Dibromochloromethane	mg/kg (ppm)	2.5	104	64-152
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	101	77-117
Chlorobenzene	mg/kg (ppm)	2.5	90	76-109
Ethylbenzene	mg/kg (ppm)	2.5	93	75-112
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	105	76-125
m,p-Xylene	mg/kg (ppm)	5	94	77-115
o-Xylene	mg/kg (ppm)	2.5	95	76-115
Styrene	mg/kg (ppm)	2.5	97	76-119
Isopropylbenzene	mg/kg (ppm)	2.5	96	76-120
Bromoform	mg/kg (ppm)	2.5	101	50-174
n-Propylbenzene	mg/kg (ppm)	2.5	98	77-115
Bromobenzene	mg/kg (ppm)	2.5	97	76-112
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	97	77-121
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	99	74-121
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	99	74-116
2-Chlorotoluene	mg/kg (ppm)	2.5	95	75-113
4-Chlorotoluene	mg/kg (ppm)	2.5	96	77-115
tert-Butylbenzene	mg/kg (ppm)	2.5	99	77-123
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	97	77-119
sec-Butylbenzene	mg/kg (ppm)	2.5	98	78-120
p-Isopropyltoluene	mg/kg (ppm)	2.5	97	77-120
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	95	76-112
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	92	74-109
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	92	75-114
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	103	68-122
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	95	75-122
Hexachlorobutadiene	mg/kg (ppm)	2.5	97	74-130
Naphthalene	mg/kg (ppm)	2.5	98	73-122
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	93	75-117

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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Project: SOU_0805-002_20160624, F&BI 606455

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 606455-17 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	2.5	<0.5	24	23	10-142	4
Chloromethane	mg/kg (ppm)	2.5	<0.5	54	52	10-126	4
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	55	55	10-138	0
Bromomethane	mg/kg (ppm)	2.5	<0.5	74	69	10-163	7
Chloroethane	mg/kg (ppm)	2.5	<0.5	77	76	10-176	1
Trichlorofluoromethane	mg/kg (ppm)	2.5	<0.5	59	61	10-176	3
Acetone	mg/kg (ppm)	12.5	<0.5	80	78	10-163	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	72	10-160	1
Hexane	mg/kg (ppm)	2.5	<0.25	53	54	10-137	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	86	101	10-156	16
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	<0.05	90	93	21-145	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	82	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	84	86	19-140	2
2,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	82	82	10-158	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	92	92	25-135	0
Chloroform	mg/kg (ppm)	2.5	<0.05	86	87	21-145	1
2-Butanone (MEK)	mg/kg (ppm)	12.5	<0.5	91	92	19-147	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	83	83	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	84	87	10-156	4
1,1-Dichloropropene	mg/kg (ppm)	2.5	<0.05	86	86	17-140	0
Carbon tetrachloride	mg/kg (ppm)	2.5	<0.05	84	85	9-164	1
Benzene	mg/kg (ppm)	2.5	<0.03	88	89	29-129	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	89	91	21-139	2
1,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	93	92	30-135	1
Bromodichloromethane	mg/kg (ppm)	2.5	<0.05	91	91	23-155	0
Dibromomethane	mg/kg (ppm)	2.5	<0.05	91	93	23-145	2
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	<0.5	100	101	24-155	1
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	97	99	28-144	2
Toluene	mg/kg (ppm)	2.5	<0.05	81	82	35-130	1
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	88	87	26-149	1
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	<0.05	90	91	10-205	1
2-Hexanone	mg/kg (ppm)	12.5	<0.5	91	92	15-166	1
1,3-Dichloropropane	mg/kg (ppm)	2.5	<0.05	86	86	31-137	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.020	83	83	20-133	0
Dibromochloromethane	mg/kg (ppm)	2.5	<0.05	90	92	28-150	2
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	<0.05	89	87	28-142	2
Chlorobenzene	mg/kg (ppm)	2.5	<0.05	84	85	32-129	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	84	86	32-137	2
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	83	83	31-143	0
m,p-Xylene	mg/kg (ppm)	5	<0.1	84	86	34-136	2
o-Xylene	mg/kg (ppm)	2.5	<0.05	82	84	33-134	2
Styrene	mg/kg (ppm)	2.5	<0.05	87	88	35-137	1
Isopropylbenzene	mg/kg (ppm)	2.5	<0.05	85	87	31-142	2
Bromoform	mg/kg (ppm)	2.5	<0.05	85	87	21-156	2
n-Propylbenzene	mg/kg (ppm)	2.5	<0.05	85	85	23-146	0
Bromobenzene	mg/kg (ppm)	2.5	<0.05	84	85	34-130	1
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	84	84	18-149	0
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	89	89	28-140	0
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	<0.05	84	84	25-144	0
2-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	82	83	31-134	1
4-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	85	85	31-136	0
tert-Butylbenzene	mg/kg (ppm)	2.5	<0.05	85	86	30-137	1
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	84	84	10-182	0
sec-Butylbenzene	mg/kg (ppm)	2.5	<0.05	86	86	23-145	0
p-Isopropyltoluene	mg/kg (ppm)	2.5	<0.05	85	85	21-149	0
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	83	83	30-131	0
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	83	83	29-129	0
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	83	83	31-132	0
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	<0.5	79	78	11-161	1
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	83	84	22-142	1
Hexachlorobutadiene	mg/kg (ppm)	2.5	<0.25	80	82	10-142	2
Naphthalene	mg/kg (ppm)	2.5	<0.05	83	83	14-157	0
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	84	83	20-144	1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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Project: SOU_0805-002_20160624, F&BI 606455

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2.5	54	10-146
Chloromethane	mg/kg (ppm)	2.5	79	27-133
Vinyl chloride	mg/kg (ppm)	2.5	85	22-139
Bromomethane	mg/kg (ppm)	2.5	91	38-114
Chloroethane	mg/kg (ppm)	2.5	105	10-163
Trichlorofluoromethane	mg/kg (ppm)	2.5	92	10-196
Acetone	mg/kg (ppm)	12.5	96	52-141
1,1-Dichloroethene	mg/kg (ppm)	2.5	99	47-128
Hexane	mg/kg (ppm)	2.5	100	43-142
Methylene chloride	mg/kg (ppm)	2.5	113	42-132
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	108	60-123
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	105	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	104	68-115
2,2-Dichloropropane	mg/kg (ppm)	2.5	98	52-170
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	110	72-113
Chloroform	mg/kg (ppm)	2.5	102	66-120
2-Butanone (MEK)	mg/kg (ppm)	12.5	110	57-123
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	96	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	104	62-131
1,1-Dichloropropene	mg/kg (ppm)	2.5	107	69-128
Carbon tetrachloride	mg/kg (ppm)	2.5	105	60-139
Benzene	mg/kg (ppm)	2.5	106	68-114
Trichloroethene	mg/kg (ppm)	2.5	106	64-117
1,2-Dichloropropane	mg/kg (ppm)	2.5	110	72-127
Bromodichloromethane	mg/kg (ppm)	2.5	105	72-130
Dibromomethane	mg/kg (ppm)	2.5	108	70-120
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	114	45-145
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	116	75-136
Toluene	mg/kg (ppm)	2.5	97	66-126
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	103	72-132
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	104	75-113
2-Hexanone	mg/kg (ppm)	12.5	105	33-152
1,3-Dichloropropane	mg/kg (ppm)	2.5	100	72-130
Tetrachloroethene	mg/kg (ppm)	2.5	101	72-114
Dibromochloromethane	mg/kg (ppm)	2.5	107	74-125
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	104	74-132
Chlorobenzene	mg/kg (ppm)	2.5	98	76-111
Ethylbenzene	mg/kg (ppm)	2.5	100	64-123
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	97	69-135
m,p-Xylene	mg/kg (ppm)	5	98	78-122
o-Xylene	mg/kg (ppm)	2.5	97	77-124
Styrene	mg/kg (ppm)	2.5	102	74-126
Isopropylbenzene	mg/kg (ppm)	2.5	100	76-127
Bromoform	mg/kg (ppm)	2.5	101	56-132
n-Propylbenzene	mg/kg (ppm)	2.5	100	74-124
Bromobenzene	mg/kg (ppm)	2.5	99	72-122
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	99	76-126
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	102	56-143
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	97	61-137
2-Chlorotoluene	mg/kg (ppm)	2.5	96	74-121
4-Chlorotoluene	mg/kg (ppm)	2.5	100	75-122
tert-Butylbenzene	mg/kg (ppm)	2.5	100	73-130
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	99	76-125
sec-Butylbenzene	mg/kg (ppm)	2.5	101	71-130
p-Isopropyltoluene	mg/kg (ppm)	2.5	101	70-132
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	98	75-121
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	97	74-117
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	97	76-121
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	91	58-138
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	98	64-135
Hexachlorobutadiene	mg/kg (ppm)	2.5	93	50-153
Naphthalene	mg/kg (ppm)	2.5	96	63-140
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	97	63-138

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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Project: SOU_0805-002_20160624, F&BI 606455

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 606335-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	2.5	<0.5	24	23	10-56	4
Chloromethane	mg/kg (ppm)	2.5	<0.5	51	48	10-90	6
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	52	50	10-91	4
Bromomethane	mg/kg (ppm)	2.5	<0.5	64	63	10-110	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	64	10-101	3
Trichlorofluoromethane	mg/kg (ppm)	2.5	<0.5	61	59	10-95	3
Acetone	mg/kg (ppm)	12.5	<0.5	90	90	11-141	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	68	11-103	6
Hexane	mg/kg (ppm)	2.5	<0.25	62	59	10-95	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	84	82	14-128	2
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	<0.05	88	89	17-134	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	76	13-112	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	79	78	23-115	1
2,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	89	91	18-117	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	80	25-120	1
Chloroform	mg/kg (ppm)	2.5	<0.05	82	81	29-117	1
2-Butanone (MEK)	mg/kg (ppm)	12.5	<0.5	91	88	20-133	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	85	85	22-124	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	82	82	27-112	0
1,1-Dichloropropene	mg/kg (ppm)	2.5	<0.05	80	79	26-107	1
Carbon tetrachloride	mg/kg (ppm)	2.5	<0.05	81	81	22-115	0
Benzene	mg/kg (ppm)	2.5	<0.03	78	76	26-114	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	78	77	30-112	1
1,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	83	82	31-119	1
Bromodichloromethane	mg/kg (ppm)	2.5	<0.05	84	83	31-131	1
Dibromomethane	mg/kg (ppm)	2.5	<0.05	80	82	27-124	2
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	<0.5	94	94	16-147	0
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	85	86	28-137	1
Toluene	mg/kg (ppm)	2.5	<0.05	80	81	34-112	1
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	78	82	30-136	5
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	<0.05	87	86	32-126	1
2-Hexanone	mg/kg (ppm)	12.5	<0.5	89	87	17-147	2
1,3-Dichloropropane	mg/kg (ppm)	2.5	<0.05	83	83	29-125	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.02	79	81	25-114	2
Dibromochloromethane	mg/kg (ppm)	2.5	<0.05	84	86	32-143	2
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	<0.05	82	82	32-126	0
Chlorobenzene	mg/kg (ppm)	2.5	<0.05	79	80	37-113	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	81	81	34-115	0
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	85	88	35-126	3
m,p-Xylene	mg/kg (ppm)	5	<0.1	82	83	25-125	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	83	84	27-126	1
Styrene	mg/kg (ppm)	2.5	<0.05	84	84	39-121	0
Isopropylbenzene	mg/kg (ppm)	2.5	<0.05	87	88	34-123	1
Bromoform	mg/kg (ppm)	2.5	<0.05	76	78	18-155	3
n-Propylbenzene	mg/kg (ppm)	2.5	<0.05	85	84	31-120	1
Bromobenzene	mg/kg (ppm)	2.5	<0.05	81	82	40-115	1
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	85	86	24-130	1
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	85	86	27-148	1
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	<0.05	82	83	33-123	1
2-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	80	82	39-110	2
4-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	83	83	39-111	0
tert-Butylbenzene	mg/kg (ppm)	2.5	<0.05	91	91	36-116	0
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	85	85	35-116	0
sec-Butylbenzene	mg/kg (ppm)	2.5	<0.05	90	89	33-118	1
p-Isopropyltoluene	mg/kg (ppm)	2.5	<0.05	88	88	32-119	0
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	81	81	38-111	0
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	78	80	39-109	3
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	79	80	40-111	1
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	<0.5	83	80	37-122	4
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	83	84	31-121	1
Hexachlorobutadiene	mg/kg (ppm)	2.5	<0.25	112	112	24-128	0
Naphthalene	mg/kg (ppm)	2.5	<0.05	81	84	24-139	4
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	81	83	35-117	2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 06/28/16

Date Received: 06/24/16

Project: SOU_0805-002_20160624, F&BI 606455

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2.5	50	10-76
Chloromethane	mg/kg (ppm)	2.5	73	34-98
Vinyl chloride	mg/kg (ppm)	2.5	78	42-107
Bromomethane	mg/kg (ppm)	2.5	81	46-113
Chloroethane	mg/kg (ppm)	2.5	88	47-115
Trichlorofluoromethane	mg/kg (ppm)	2.5	87	53-112
Acetone	mg/kg (ppm)	12.5	103	39-147
1,1-Dichloroethene	mg/kg (ppm)	2.5	91	65-110
Hexane	mg/kg (ppm)	2.5	94	55-107
Methylene chloride	mg/kg (ppm)	2.5	102	50-127
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	102	72-122
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	98	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	96	74-109
2,2-Dichloropropane	mg/kg (ppm)	2.5	111	64-151
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	99	73-110
Chloroform	mg/kg (ppm)	2.5	98	76-110
2-Butanone (MEK)	mg/kg (ppm)	12.5	106	60-121
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	105	73-111
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	72-116
1,1-Dichloropropene	mg/kg (ppm)	2.5	98	72-112
Carbon tetrachloride	mg/kg (ppm)	2.5	103	67-123
Benzene	mg/kg (ppm)	2.5	95	72-106
Trichloroethene	mg/kg (ppm)	2.5	96	72-107
1,2-Dichloropropane	mg/kg (ppm)	2.5	103	74-115
Bromodichloromethane	mg/kg (ppm)	2.5	101	75-126
Dibromomethane	mg/kg (ppm)	2.5	100	76-116
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	113	80-128
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	108	71-138
Toluene	mg/kg (ppm)	2.5	98	74-111
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	102	77-135
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	106	77-116
2-Hexanone	mg/kg (ppm)	12.5	106	70-129
1,3-Dichloropropane	mg/kg (ppm)	2.5	103	75-115
Tetrachloroethene	mg/kg (ppm)	2.5	100	73-111
Dibromochloromethane	mg/kg (ppm)	2.5	107	64-152
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	106	77-117
Chlorobenzene	mg/kg (ppm)	2.5	97	76-109
Ethylbenzene	mg/kg (ppm)	2.5	99	75-112
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	106	76-125
m,p-Xylene	mg/kg (ppm)	5	101	77-115
o-Xylene	mg/kg (ppm)	2.5	102	76-115
Styrene	mg/kg (ppm)	2.5	103	76-119
Isopropylbenzene	mg/kg (ppm)	2.5	104	76-120
Bromoform	mg/kg (ppm)	2.5	96	50-174
n-Propylbenzene	mg/kg (ppm)	2.5	102	77-115
Bromobenzene	mg/kg (ppm)	2.5	100	76-112
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	102	77-121
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	103	74-121
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	102	74-116
2-Chlorotoluene	mg/kg (ppm)	2.5	99	75-113
4-Chlorotoluene	mg/kg (ppm)	2.5	101	77-115
tert-Butylbenzene	mg/kg (ppm)	2.5	104	77-123
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	101	77-119
sec-Butylbenzene	mg/kg (ppm)	2.5	103	78-120
p-Isopropyltoluene	mg/kg (ppm)	2.5	102	77-120
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	98	76-112
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	97	74-109
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	96	75-114
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	105	68-122
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	98	75-122
Hexachlorobutadiene	mg/kg (ppm)	2.5	100	74-130
Naphthalene	mg/kg (ppm)	2.5	102	73-122
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	97	75-117

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

SAMPLE CHA OF CUSTODY

ME 6/24/16

VS4/CIZ

Send Report to Courtney Schaumburg
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E, Suite 2000
 City, State, ZIP Seattle, Washington 98102
 Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature) <i>[Signature]</i>	
PROJECT NAME/NO. 0805-002	PO #
REMARKS <u>Use PCE detection limit of 0.02.</u>	

Page # <u>1</u> of <u>5</u>
TURNAROUND TIME Standard (2 Weeks) <u>RUSH 2-Day turn</u> Rush charges authorized by:
SAMPLE DISPOSAL Dispose after 30 days Return samples Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	VOCs by 8260C							Notes
SB14-05	SB14	5	01A-E	6/23/16	0936	Soil	5	X							
SB14-06	↓	6	02		0943			X							
SB14-7.5	↓	7.5	03		0950			X							
SB14-12	↓	12	04		0955			X							
SB04-5	SB04	5	05		1025			X							
SB04-6	↓	6	06		1032			X							
SB04-7.5	↓	7.5	07		1040			X							
SB04-12	↓	12													No recovery
SB05-5	SB05	5	08A-E		1058			X							
SB05-6	"	6	09	↓	1102	↓	↓	X							

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <i>[Signature]</i>	Logan Schumacher	SoundEarth	6/24/16	1440
Received by: <i>[Signature]</i>	D J VO	F&BZ	6-24-16	14:40
Relinquished by:				
Received by:				

(606455
 Send Report to Courtney Schaumberg
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E, Suite 2000
 City, State, ZIP Seattle, Washington 98102
 Phone # 206-306-1900 Fax # 206-306-1907

SAMPLE CHA OF CUSTODY ME6/24/16

SAMPLERS (signature) <u>[Signature]</u>	
PROJECT NAME/NO. 0805-002	PO #
REMARKS <u>bsc PCE detection limit of 0.02.</u>	

VS4/CI2 (5
 Page # 2 of 5
 TURNAROUND TIME
 Standard (2 Weeks)
RUSH 2-day turn
 Rush charges authorized by:
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	VOCs by 8260C							Notes
SB05-7.5	SB05	7.5	10A-E	6/23/16	1106	Soil	5	X							
SB05-12	"	12	"	"	1110	"	"	X							
SB06-5	SB06	5	12	"	1130	"	"	X							
SB06-6	"	6	13	"	1135	"	"	X							
SB06-7.5	"	7.5	14	"	1140	"	"	X							
SB06-12	"	12	15	"	1145	"	"	X							
SB15-5	SB15	5	16	"	1215	"	"	X							
SB15-6	"	6	17	"	1219	"	"	X							
SB15-7.5	"	7.5	18	"	1225	"	"	X							
SB15-12	"	12	19	"	1230	"	"	X							

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

Samples received at <u>4</u> °C				
SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Logan Schumacher</u>	<u>SES</u>	<u>6/24/16</u>	<u>1440</u>
Received by: <u>[Signature]</u>	<u>DD W</u>	<u>F&BT</u>	<u>6-24-16</u>	<u>1440</u>
Relinquished by:				
Received by:				

1 606455

Send Report to Courtney Schaumberg

Company SoundEarth Strategies, Inc.

Address 2811 Fairview Avenue E, Suite 2000

City, State, ZIP Seattle, Washington 98102

Phone # 206-306-1900 Fax # 206-306-1907

SAMPLE CHA OF CUSTODY ME6/24/16

SAMPLERS (signature) <i>[Signature]</i>	
PROJECT NAME/NO. 0805-002	PO #
REMARKS <i>use PCE detection limit of 0.02</i>	

VS4/CIR

Page # 3 of 5

TURNAROUND TIME
Standard (2 Weeks)
RUSH 2-day turn
Rush charges authorized by:

SAMPLE DISPOSAL
Dispose after 30 days
Return samples
Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	VOCs by 8260C							Notes
SB07-3	SB07	3	20A-E	6/23/16	1328	Soil	5	X							
SB07-6	↓	6	21		1333			X							
SB07-7.5	↓	7.5	22		1340			X							
SB07-17	↓	17	23		1360			X							
SB08-2.5	SB08	2.5	24		1420			X							
SB08-5	↓	5	25		1423			X							
SB08-6	↓	6	26		1427			X							
SB08-7.5	↓	7.5	27		1435			X							
SB13-1.5	SB13	1.5	28		1528			X							
SB13-5	"	5	29	✓	1532	✓	✓	X							

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

Samples received at 4 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <i>[Signature]</i>	Logan Schumacher	SoundEarth	6/24/16	1440
Received by: <i>[Signature]</i>	DO NOT	F&B	6-24-16	1440
Relinquished by:				
Received by:				

(606455
 Send Report to Courtney Schaumburg
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E. Suite 2000
 City, State, ZIP Seattle, Washington 98102
 Phone # 206-306-1900 Fax # 206-306-1907

SAMPLE CHA OF CUSTODY ME6/24/16

VS4/CI2

SAMPLERS (signature) <u>[Signature]</u>	
PROJECT NAME/NO. 0805-002	PO #
REMARKS <u>see FLE detection limit of 302.</u>	

Page # <u>4</u> of <u>5</u> TURNAROUND TIME Standard (2 Weeks) <u>RUSH 2-day turn</u> Rush charges authorized by:
SAMPLE DISPOSAL Dispose after 30 days Return samples Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	VOCs by 8260C							Notes
SB13-7.5	SB13	7.5	30AE	6/23/16	1538	S-1	5	X							
SB13-10	↓	10	31		1543			X							
SB12-2.5	SB12	2.5	32		1605			X							
SB12-5		5	33		1609			X							
SB12-7.5		7.5	34		1618			X							
SB12-10	↓	10	35		1625			X							
SB11-2.5	SB11	2.5	36	6/24/16	0855			X							
SB11-5		5	37		0900			X							
SB11-7.5		7.5	38		0907			X							
SB11-10	↓	10	39		0945			X							

Samples received at 4 °C

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Logan Schumacher	SoundEarth	6/24/16	1440
Received by: <u>[Signature]</u>	D D W	F&B	6-24-16	1440
Relinquished by:				
Received by:				

606455
 Send Report to Courtney Schaumberg
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E. Suite 2000
 City, State, ZIP Seattle, Washington 98102
 Phone # 206-306-1900 Fax # 206-306-1907

SAMPLE CHA OF CUSTODY ME 6/24/16

SAMPLEERS (signature) <u>[Signature]</u>	
PROJECT NAME/NO. 0805-002	PO #
REMARKS <u>use PCE detection limit of 0.02</u>	

VS4/CI2
 Page # 5 of 5
 TURNAROUND TIME
 Standard (2 Weeks)
RUSH 2-day turn
 Rush charges authorized by:
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	VOCs by 8260C							Notes
SB10-1.5	SB10	1.5	40E	6/24/16	1022	Soil	5	X							
SB10-5	↓	5	41	↓	1026	↓	↓	X							
SB10-7.5	↓	7.5	42	↓	1033	↓	↓	X							
SB10-10	↓	10	43	↓	1038	↓	↓	X							
SB09-1.5	SB09	1.5	44	↓	1135	↓	↓	X							
SB09-5	↓	5	45	↓	1140	↓	↓	X							
SB09-8	↓	8	46	↓	1145	↓	↓	X							
SB09-10	↓	10	47	↓	1150	↓	↓	X							
<u>[Signature]</u> 6/24/16															

Samples received at 4 °C

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Logan Schumacher</u>	<u>SoundEarth</u>	<u>6/24/16</u>	<u>1440</u>
Received by: <u>[Signature]</u>	<u>DD W</u>	<u>FBI</u>	<u>6-24-16</u>	<u>14:40</u>
Relinquished by:				
Received by:				

Friedman & Bruya, Inc. #606569

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

July 1, 2016

Courtney Schaumberg, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Ms Schaumberg:

Included are the results from the testing of material submitted on June 30, 2016 from the SOU_0805-002_ 20160630, F&BI 606569 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
SOU0701R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on June 30, 2016 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0805-002_ 20160630, F&BI 606569 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
606569 -01	TP01-03
606569 -02	TP01-06
606569 -03	TP01-07.5
606569 -04	TP02-03
606569 -05	TP02-06
606569 -06	TP02-07.5

The 8260C matrix spike and matrix sample duplicate failed the relative percent difference for acetone. The analyte was not detected therefore the data were acceptable.

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: TP01-03	Client: SoundEarth Strategies
Date Received: 06/30/16	Project: SOU_0805-002_ 20160630, F&BI 606569
Date Extracted: 06/30/16	Lab ID: 606569-01
Date Analyzed: 06/30/16	Data File: 063014.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	103	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TP01-06	Client:	SoundEarth Strategies
Date Received:	06/30/16	Project:	SOU_0805-002_ 20160630, F&BI 606569
Date Extracted:	06/30/16	Lab ID:	606569-02
Date Analyzed:	06/30/16	Data File:	063015.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	103	55	145
4-Bromofluorobenzene	105	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TP01-07.5	Client:	SoundEarth Strategies
Date Received:	06/30/16	Project:	SOU_0805-002_ 20160630, F&BI 606569
Date Extracted:	06/30/16	Lab ID:	606569-03
Date Analyzed:	06/30/16	Data File:	063016.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TP02-03	Client:	SoundEarth Strategies
Date Received:	06/30/16	Project:	SOU_0805-002_ 20160630, F&BI 606569
Date Extracted:	06/30/16	Lab ID:	606569-04
Date Analyzed:	06/30/16	Data File:	063017.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	103	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TP02-06	Client:	SoundEarth Strategies
Date Received:	06/30/16	Project:	SOU_0805-002_ 20160630, F&BI 606569
Date Extracted:	06/30/16	Lab ID:	606569-05
Date Analyzed:	06/30/16	Data File:	063018.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	104	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	TP02-07.5	Client:	SoundEarth Strategies
Date Received:	06/30/16	Project:	SOU_0805-002_ 20160630, F&BI 606569
Date Extracted:	06/30/16	Lab ID:	606569-06
Date Analyzed:	06/30/16	Data File:	063019.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0805-002_ 20160630, F&BI 606569
Date Extracted:	06/30/16	Lab ID:	06-1304 mb
Date Analyzed:	06/30/16	Data File:	063010.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	104	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/01/16

Date Received: 06/30/16

Project: SOU_0805-002_20160630, F&BI 606569

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 606561-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	2.5	<0.5	28	30	10-142	7
Chloromethane	mg/kg (ppm)	2.5	<0.5	60	61	10-126	2
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	63	63	10-138	0
Bromomethane	mg/kg (ppm)	2.5	<0.5	86	79	10-163	8
Chloroethane	mg/kg (ppm)	2.5	<0.5	87	76	10-176	13
Trichlorofluoromethane	mg/kg (ppm)	2.5	<0.5	59	59	10-176	0
Acetone	mg/kg (ppm)	12.5	<0.5	72	99	10-163	32 vo
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	79	10-160	2
Hexane	mg/kg (ppm)	2.5	<0.25	71	75	10-137	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	91	92	10-156	1
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	<0.05	91	94	21-145	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	88	89	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	86	87	19-140	1
2,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	73	71	10-158	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	94	93	25-135	1
Chloroform	mg/kg (ppm)	2.5	<0.05	88	89	21-145	1
2-Butanone (MEK)	mg/kg (ppm)	12.5	<0.5	92	108	19-147	16
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	84	84	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	85	84	10-156	1
1,1-Dichloropropene	mg/kg (ppm)	2.5	<0.05	89	91	17-140	2
Carbon tetrachloride	mg/kg (ppm)	2.5	<0.05	85	84	9-164	1
Benzene	mg/kg (ppm)	2.5	<0.03	90	91	29-129	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	92	92	21-139	0
1,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	94	94	30-135	0
Bromodichloromethane	mg/kg (ppm)	2.5	<0.05	90	90	23-155	0
Dibromomethane	mg/kg (ppm)	2.5	<0.05	91	93	23-145	2
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	<0.5	101	105	24-155	4
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	97	96	28-144	1
Toluene	mg/kg (ppm)	2.5	<0.05	91	91	35-130	0
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	95	93	26-149	2
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	<0.05	101	99	10-205	2
2-Hexanone	mg/kg (ppm)	12.5	<0.5	104	105	15-166	1
1,3-Dichloropropane	mg/kg (ppm)	2.5	<0.05	95	95	31-137	0
Tetrachloroethene	mg/kg (ppm)	2.5	0.031	95	94	20-133	1
Dibromochloromethane	mg/kg (ppm)	2.5	<0.05	100	99	28-150	1
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	<0.05	98	98	28-142	0
Chlorobenzene	mg/kg (ppm)	2.5	<0.05	92	92	32-129	0
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	94	95	32-137	1
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	88	90	31-143	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	94	94	34-136	0
o-Xylene	mg/kg (ppm)	2.5	<0.05	91	93	33-134	2
Styrene	mg/kg (ppm)	2.5	<0.05	96	97	35-137	1
Isopropylbenzene	mg/kg (ppm)	2.5	<0.05	93	96	31-142	3
Bromoform	mg/kg (ppm)	2.5	<0.05	92	92	21-156	0
n-Propylbenzene	mg/kg (ppm)	2.5	<0.05	101	97	23-146	4
Bromobenzene	mg/kg (ppm)	2.5	<0.05	100	95	34-130	5
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	99	96	18-149	3
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	100	98	28-140	2
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	<0.05	97	94	25-144	3
2-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	97	94	31-134	3
4-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	99	96	31-136	3
tert-Butylbenzene	mg/kg (ppm)	2.5	<0.05	100	98	30-137	2
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	98	96	10-182	2
sec-Butylbenzene	mg/kg (ppm)	2.5	<0.05	99	98	23-145	1
p-Isopropyltoluene	mg/kg (ppm)	2.5	<0.05	98	97	21-149	1
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	97	96	30-131	1
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	95	93	29-129	2
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	95	94	31-132	1
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	<0.5	88	89	11-161	1
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	84	95	22-142	12
Hexachlorobutadiene	mg/kg (ppm)	2.5	<0.25	81	91	10-142	12
Naphthalene	mg/kg (ppm)	2.5	<0.05	89	96	14-157	8
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	84	96	20-144	13

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/01/16

Date Received: 06/30/16

Project: SOU_0805-002_20160630, F&BI 606569

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2.5	43	10-146
Chloromethane	mg/kg (ppm)	2.5	63	27-133
Vinyl chloride	mg/kg (ppm)	2.5	68	22-139
Bromomethane	mg/kg (ppm)	2.5	84	38-114
Chloroethane	mg/kg (ppm)	2.5	84	10-163
Trichlorofluoromethane	mg/kg (ppm)	2.5	70	10-196
Acetone	mg/kg (ppm)	12.5	72	52-141
1,1-Dichloroethene	mg/kg (ppm)	2.5	78	47-128
Hexane	mg/kg (ppm)	2.5	79	43-142
Methylene chloride	mg/kg (ppm)	2.5	87	42-132
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	84	60-123
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	85	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	82	68-115
2,2-Dichloropropane	mg/kg (ppm)	2.5	66	52-170
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	87	72-113
Chloroform	mg/kg (ppm)	2.5	81	66-120
2-Butanone (MEK)	mg/kg (ppm)	12.5	86	57-123
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	78	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	79	62-131
1,1-Dichloropropene	mg/kg (ppm)	2.5	85	69-128
Carbon tetrachloride	mg/kg (ppm)	2.5	78	60-139
Benzene	mg/kg (ppm)	2.5	85	68-114
Trichloroethene	mg/kg (ppm)	2.5	87	64-117
1,2-Dichloropropane	mg/kg (ppm)	2.5	86	72-127
Bromodichloromethane	mg/kg (ppm)	2.5	82	72-130
Dibromomethane	mg/kg (ppm)	2.5	84	70-120
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	89	45-145
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	88	75-136
Toluene	mg/kg (ppm)	2.5	85	66-126
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	86	72-132
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	91	75-113
2-Hexanone	mg/kg (ppm)	12.5	92	33-152
1,3-Dichloropropane	mg/kg (ppm)	2.5	86	72-130
Tetrachloroethene	mg/kg (ppm)	2.5	88	72-114
Dibromochloromethane	mg/kg (ppm)	2.5	90	74-125
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	88	74-132
Chlorobenzene	mg/kg (ppm)	2.5	84	76-111
Ethylbenzene	mg/kg (ppm)	2.5	87	64-123
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	82	69-135
m,p-Xylene	mg/kg (ppm)	5	86	78-122
o-Xylene	mg/kg (ppm)	2.5	84	77-124
Styrene	mg/kg (ppm)	2.5	87	74-126
Isopropylbenzene	mg/kg (ppm)	2.5	86	76-127
Bromoform	mg/kg (ppm)	2.5	82	56-132
n-Propylbenzene	mg/kg (ppm)	2.5	91	74-124
Bromobenzene	mg/kg (ppm)	2.5	91	72-122
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	90	76-126
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	89	56-143
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	87	61-137
2-Chlorotoluene	mg/kg (ppm)	2.5	88	74-121
4-Chlorotoluene	mg/kg (ppm)	2.5	90	75-122
tert-Butylbenzene	mg/kg (ppm)	2.5	90	73-130
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	90	76-125
sec-Butylbenzene	mg/kg (ppm)	2.5	91	71-130
p-Isopropyltoluene	mg/kg (ppm)	2.5	90	70-132
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	87	75-121
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	86	74-117
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	85	76-121
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	74	58-138
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	76	64-135
Hexachlorobutadiene	mg/kg (ppm)	2.5	77	50-153
Naphthalene	mg/kg (ppm)	2.5	74	63-140
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	72	63-138

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

606569

SAMPLE CHA OF CUSTODY

ME 06-30-16

VSI

Send Report to Courtney SchaumbergCompany SoundEarth Strategies, Inc.Address 2811 Fairview Avenue E, Suite 2000City, State, ZIP Seattle, Washington 98102Phone # 206-306-1900 Fax # 206-306-1907SAMPLERS (signature) [Signature]Page # 1 of 1

PROJECT NAME/NO.

PO #

0805-002

TURNAROUND TIME

Standard (2 Weeks)

RUSH 24 hr

Rush charges authorized by:

REMARKS

24 hr TATA put reporting limit 2.02 ppm
Full 1st VOL 0.02 ppm for PCF

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	VOCs by 8260C	Notes
TP01-03	TP01	3	01A-D	6/30/16	1042	Soil	4	X	Put reporting limit 2.02 ppm for PCF
TP02-06	I	6	02	I	1045	I	I	X	I
TP01-07.5	I	7.5	03	I	1055	I	I	X	I
TP02-03	TP02	3	04	I	1105	I	I	X	I
TP02-06	I	6	05	I	1110	I	I	X	I
TP02-07.5	I	7.5	06	I	1115	I	I	X	I
GOLF 6/30/16									Samples received at 15°C

Friedman & Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COC\COC.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Gordon Fish</u>	<u>SoundEarth</u>	<u>6/30/16</u>	<u>1222</u>
Received by: <u>[Signature]</u>	<u>DS 10</u>	<u>F&BZ</u>	<u>6-21-16</u>	<u>12-22</u>
Relinquished by:				
Received by:				

Friedman & Bruya, Inc. #607094

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
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(206) 285-8282
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www.friedmanandbruya.com

July 12, 2016

Courtney Schaumberg, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Ms Schaumberg:

Included are the results from the testing of material submitted on July 8, 2016 from the SOU_0805-002_ 20160708, F&BI 607094 project. There are 24 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
SOU0712R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 8, 2016 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0805-002_ 20160708, F&BI 607094 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
607094 -01	A3-NSW-03
607094 -02	A3-NSW-06
607094 -03	C5-BTM-11
607094 -04	D5-BTM-11
607094 -05	E5-BTM-11
607094 -06	D6-BTM-11
607094 -07	E6-BTM-11
607094 -08	A3-NSW-09
607094 -09	B4-BTM-11
607094 -10	C4-BTM-01-11
607094 -11	D4-BTM-11
607094 -12	E4-BTM-11
607094 -13	A3-BTM-11
607094 -14	C4-BTM-02-11
607094 -15	C4-BTM-03-11
607094 -16	B3-BTM-11
607094 -17	C3-BTM-11
607094 -18	D3-BTM-11

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: A3-NSW-03	Client: SoundEarth Strategies
Date Received: 07/08/16	Project: SOU_0805-002_ 20160708, F&BI 607094
Date Extracted: 07/11/16	Lab ID: 607094-01
Date Analyzed: 07/11/16	Data File: 071108.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: A3-NSW-06	Client: SoundEarth Strategies
Date Received: 07/08/16	Project: SOU_0805-002_ 20160708, F&BI 607094
Date Extracted: 07/11/16	Lab ID: 607094-02
Date Analyzed: 07/11/16	Data File: 071109.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: C5-BTM-11	Client: SoundEarth Strategies
Date Received: 07/08/16	Project: SOU_0805-002_ 20160708, F&BI 607094
Date Extracted: 07/11/16	Lab ID: 607094-03
Date Analyzed: 07/11/16	Data File: 071110.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	D5-BTM-11	Client:	SoundEarth Strategies
Date Received:	07/08/16	Project:	SOU_0805-002_ 20160708, F&BI 607094
Date Extracted:	07/11/16	Lab ID:	607094-04
Date Analyzed:	07/11/16	Data File:	071111.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: E5-BTM-11	Client: SoundEarth Strategies
Date Received: 07/08/16	Project: SOU_0805-002_ 20160708, F&BI 607094
Date Extracted: 07/11/16	Lab ID: 607094-05
Date Analyzed: 07/11/16	Data File: 071112.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: D6-BTM-11	Client: SoundEarth Strategies
Date Received: 07/08/16	Project: SOU_0805-002_ 20160708, F&BI 607094
Date Extracted: 07/11/16	Lab ID: 607094-06
Date Analyzed: 07/11/16	Data File: 071113.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: E6-BTM-11	Client: SoundEarth Strategies
Date Received: 07/08/16	Project: SOU_0805-002_ 20160708, F&BI 607094
Date Extracted: 07/11/16	Lab ID: 607094-07
Date Analyzed: 07/11/16	Data File: 071114.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	A3-NSW-09	Client:	SoundEarth Strategies
Date Received:	07/08/16	Project:	SOU_0805-002_ 20160708, F&BI 607094
Date Extracted:	07/11/16	Lab ID:	607094-08
Date Analyzed:	07/11/16	Data File:	071108.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	89	113
Toluene-d8	93	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B4-BTM-11	Client:	SoundEarth Strategies
Date Received:	07/08/16	Project:	SOU_0805-002_ 20160708, F&BI 607094
Date Extracted:	07/11/16	Lab ID:	607094-09
Date Analyzed:	07/11/16	Data File:	071109.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	89	113
Toluene-d8	93	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: C4-BTM-01-11	Client: SoundEarth Strategies
Date Received: 07/08/16	Project: SOU_0805-002_ 20160708, F&BI 607094
Date Extracted: 07/11/16	Lab ID: 607094-10
Date Analyzed: 07/11/16	Data File: 071110.D
Matrix: Soil	Instrument: GCMS9
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	89	113
Toluene-d8	92	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	D4-BTM-11	Client:	SoundEarth Strategies
Date Received:	07/08/16	Project:	SOU_0805-002_ 20160708, F&BI 607094
Date Extracted:	07/11/16	Lab ID:	607094-11
Date Analyzed:	07/11/16	Data File:	071111.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	89	113
Toluene-d8	93	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	E4-BTM-11	Client:	SoundEarth Strategies
Date Received:	07/08/16	Project:	SOU_0805-002_ 20160708, F&BI 607094
Date Extracted:	07/11/16	Lab ID:	607094-12
Date Analyzed:	07/11/16	Data File:	071112.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	89	113
Toluene-d8	92	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: A3-BTM-11	Client: SoundEarth Strategies
Date Received: 07/08/16	Project: SOU_0805-002_ 20160708, F&BI 607094
Date Extracted: 07/11/16	Lab ID: 607094-13
Date Analyzed: 07/11/16	Data File: 071113.D
Matrix: Soil	Instrument: GCMS9
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	89	113
Toluene-d8	94	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	C4-BTM-02-11	Client:	SoundEarth Strategies
Date Received:	07/08/16	Project:	SOU_0805-002_ 20160708, F&BI 607094
Date Extracted:	07/11/16	Lab ID:	607094-14
Date Analyzed:	07/11/16	Data File:	071114.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	89	113
Toluene-d8	94	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	C4-BTM-03-11	Client:	SoundEarth Strategies
Date Received:	07/08/16	Project:	SOU_0805-002_ 20160708, F&BI 607094
Date Extracted:	07/11/16	Lab ID:	607094-15
Date Analyzed:	07/11/16	Data File:	071115.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	89	113
Toluene-d8	94	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: B3-BTM-11	Client: SoundEarth Strategies
Date Received: 07/08/16	Project: SOU_0805-002_ 20160708, F&BI 607094
Date Extracted: 07/11/16	Lab ID: 607094-16
Date Analyzed: 07/11/16	Data File: 071116.D
Matrix: Soil	Instrument: GCMS9
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	89	113
Toluene-d8	93	64	137
4-Bromofluorobenzene	104	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: C3-BTM-11	Client: SoundEarth Strategies
Date Received: 07/08/16	Project: SOU_0805-002_ 20160708, F&BI 607094
Date Extracted: 07/11/16	Lab ID: 607094-17
Date Analyzed: 07/11/16	Data File: 071117.D
Matrix: Soil	Instrument: GCMS9
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	89	113
Toluene-d8	94	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: D3-BTM-11	Client: SoundEarth Strategies
Date Received: 07/08/16	Project: SOU_0805-002_ 20160708, F&BI 607094
Date Extracted: 07/11/16	Lab ID: 607094-18
Date Analyzed: 07/11/16	Data File: 071118.D
Matrix: Soil	Instrument: GCMS9
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	89	113
Toluene-d8	93	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0805-002_ 20160708, F&BI 607094
Date Extracted:	07/11/16	Lab ID:	06-1381 mb
Date Analyzed:	07/11/16	Data File:	071107.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0805-002_ 20160708, F&BI 607094
Date Extracted:	07/11/16	Lab ID:	06-1381 mb
Date Analyzed:	07/11/16	Data File:	071107.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	89	113
Toluene-d8	93	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/12/16

Date Received: 07/08/16

Project: SOU_0805-002_20160708, F&BI 607094

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 607094-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2.5	<0.5	12	10-142
Chloromethane	mg/kg (ppm)	2.5	<0.5	55	10-126
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	52	10-138
Bromomethane	mg/kg (ppm)	2.5	<0.5	65	10-163
Chloroethane	mg/kg (ppm)	2.5	<0.5	70	10-176
Trichlorofluoromethane	mg/kg (ppm)	2.5	<0.5	53	10-176
Acetone	mg/kg (ppm)	12.5	<0.5	106	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	76	10-160
Hexane	mg/kg (ppm)	2.5	<0.25	40	10-137
Methylene chloride	mg/kg (ppm)	2.5	<0.5	107	10-156
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	<0.05	107	21-145
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	91	14-137
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	74	19-140
2,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	78	10-158
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	77	25-135
Chloroform	mg/kg (ppm)	2.5	<0.05	78	21-145
2-Butanone (MEK)	mg/kg (ppm)	12.5	<0.5	86	19-147
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	73	12-160
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	78	10-156
1,1-Dichloropropene	mg/kg (ppm)	2.5	<0.05	74	17-140
Carbon tetrachloride	mg/kg (ppm)	2.5	<0.05	73	9-164
Benzene	mg/kg (ppm)	2.5	<0.03	74	29-129
Trichloroethene	mg/kg (ppm)	2.5	<0.02	77	21-139
1,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	79	30-135
Bromodichloromethane	mg/kg (ppm)	2.5	<0.05	82	23-155
Dibromomethane	mg/kg (ppm)	2.5	<0.05	86	23-145
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	<0.5	87	24-155
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	82	28-144
Toluene	mg/kg (ppm)	2.5	<0.05	78	35-130
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	84	26-149
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	<0.05	84	10-205
2-Hexanone	mg/kg (ppm)	12.5	<0.5	80	15-166
1,3-Dichloropropane	mg/kg (ppm)	2.5	<0.05	79	31-137
Tetrachloroethene	mg/kg (ppm)	2.5	<0.02	77	20-133
Dibromochloromethane	mg/kg (ppm)	2.5	<0.05	86	28-150
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	<0.05	81	28-142
Chlorobenzene	mg/kg (ppm)	2.5	<0.05	78	32-129
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	78	32-137
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	83	31-143
m,p-Xylene	mg/kg (ppm)	5	<0.1	78	34-136
o-Xylene	mg/kg (ppm)	2.5	<0.05	79	33-134
Styrene	mg/kg (ppm)	2.5	<0.05	81	35-137
Isopropylbenzene	mg/kg (ppm)	2.5	<0.05	82	31-142
Bromoform	mg/kg (ppm)	2.5	<0.05	81	21-156
n-Propylbenzene	mg/kg (ppm)	2.5	<0.05	81	23-146
Bromobenzene	mg/kg (ppm)	2.5	<0.05	81	34-130
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	83	18-149
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	80	28-140
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	<0.05	82	25-144
2-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	78	31-134
4-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	79	31-136
Tert-Butylbenzene	mg/kg (ppm)	2.5	<0.05	80	30-137
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	82	10-182
sec-Butylbenzene	mg/kg (ppm)	2.5	<0.05	82	23-145
p-Isopropyltoluene	mg/kg (ppm)	2.5	<0.05	82	21-149
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	82	30-131
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	80	29-129
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	81	31-132
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	<0.5	87	11-161
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	80	22-142
Hexachlorobutadiene	mg/kg (ppm)	2.5	<0.25	80	10-142
Naphthalene	mg/kg (ppm)	2.5	<0.05	82	14-157
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	82	20-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/12/16

Date Received: 07/08/16

Project: SOU_0805-002_20160708, F&BI 607094

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	2.5	53	47	10-146	12
Chloromethane	mg/kg (ppm)	2.5	73	72	27-133	1
Vinyl chloride	mg/kg (ppm)	2.5	82	81	22-139	1
Bromomethane	mg/kg (ppm)	2.5	84	82	38-114	2
Chloroethane	mg/kg (ppm)	2.5	83	85	10-163	2
Trichlorofluoromethane	mg/kg (ppm)	2.5	92	84	10-196	9
Acetone	mg/kg (ppm)	12.5	107	109	52-141	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	101	97	47-128	4
Hexane	mg/kg (ppm)	2.5	95	92	43-142	3
Methylene chloride	mg/kg (ppm)	2.5	100	101	42-132	1
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	110	108	60-123	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	104	99	67-127	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	105	104	68-115	1
2,2-Dichloropropane	mg/kg (ppm)	2.5	119	107	52-170	11
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	105	103	72-113	2
Chloroform	mg/kg (ppm)	2.5	107	104	66-120	3
2-Butanone (MEK)	mg/kg (ppm)	12.5	107	114	57-123	6
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	100	101	56-135	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	111	106	62-131	5
1,1-Dichloropropene	mg/kg (ppm)	2.5	106	104	69-128	2
Carbon tetrachloride	mg/kg (ppm)	2.5	106	105	60-139	1
Benzene	mg/kg (ppm)	2.5	99	98	68-114	1
Trichloroethene	mg/kg (ppm)	2.5	102	101	64-117	1
1,2-Dichloropropane	mg/kg (ppm)	2.5	105	105	72-127	0
Bromodichloromethane	mg/kg (ppm)	2.5	106	107	72-130	1
Dibromomethane	mg/kg (ppm)	2.5	111	114	70-120	3
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	106	108	45-145	2
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	106	108	75-136	2
Toluene	mg/kg (ppm)	2.5	102	102	66-126	0
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	109	111	72-132	2
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	107	107	75-113	0
2-Hexanone	mg/kg (ppm)	12.5	98	102	33-152	4
1,3-Dichloropropane	mg/kg (ppm)	2.5	102	102	72-130	0
Tetrachloroethene	mg/kg (ppm)	2.5	103	101	72-114	2
Dibromochloromethane	mg/kg (ppm)	2.5	110	111	74-125	1
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	102	104	74-132	2
Chlorobenzene	mg/kg (ppm)	2.5	100	99	76-111	1
Ethylbenzene	mg/kg (ppm)	2.5	100	99	64-123	1
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	109	105	69-135	4
m,p-Xylene	mg/kg (ppm)	5	100	99	78-122	1
o-Xylene	mg/kg (ppm)	2.5	102	100	77-124	2
Styrene	mg/kg (ppm)	2.5	104	103	74-126	1
Isopropylbenzene	mg/kg (ppm)	2.5	106	103	76-127	3
Bromoform	mg/kg (ppm)	2.5	106	105	56-132	1
n-Propylbenzene	mg/kg (ppm)	2.5	104	102	74-124	2
Bromobenzene	mg/kg (ppm)	2.5	102	100	72-122	2
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	107	104	76-126	3
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	102	101	56-143	1
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	102	101	61-137	1
2-Chlorotoluene	mg/kg (ppm)	2.5	101	98	74-121	3
4-Chlorotoluene	mg/kg (ppm)	2.5	101	99	75-122	2
tert-Butylbenzene	mg/kg (ppm)	2.5	106	101	73-130	5
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	106	103	76-125	3
sec-Butylbenzene	mg/kg (ppm)	2.5	107	103	71-130	4
p-Isopropyltoluene	mg/kg (ppm)	2.5	108	103	70-132	5
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	105	103	75-121	2
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	102	100	74-117	2
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	107	102	76-121	5
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	116	110	58-138	5
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	106	102	64-135	4
Hexachlorobutadiene	mg/kg (ppm)	2.5	109	102	50-153	7
Naphthalene	mg/kg (ppm)	2.5	111	105	63-140	6
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	109	105	63-138	4

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

607094

SAMPLE CHA OF CUSTODY

ME 7/8/16 VS3

Send Report to Courtney SchaumburgCompany SoundEarth Strategies, Inc.Address 2811 Fairview Avenue E, Suite 2000City, State, ZIP Seattle, Washington 98102Phone # 206-306-1900 Fax # 206-306-1907SAMPLERS (signature) Clare TechimPage # 1 of 2

PROJECT NAME/NO.

PO #

0805-002

TURNAROUND TIME

Standard (2 Weeks)

RUSH 24 hr

Rush charges authorized by:

REMARKS

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED						Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	CVOCs by 8260C	SVOCs by 8270	VOCs	
A3-NSW-03	A3	3	01	7/8/16	0835	Soil	4						X	
A3-NSW-06	A3	6	02		0845								X	
C5-BTM-11	C5	11	03		0900								X	
D5-BTM-11	D5	11	04		0904								X	
E5-BTM-11	E5	11	05		0906								X	
D6-BTM-11	D6	11	06		0910								X	
E6-BTM-11	E6	11	07		0915								X	
A3-NSW-09	A3	9	08		1025								X	
B4-BTM-11	B4	11	09		1050								X	
C4-BTM-01-11	C4	11	10		1053								X	

Samples received at 4 °C

Friedman & Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COC\COC.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>Clare Techim</u>	Clare Techim	SoundEarth	7/8/16	1625
Received by: <u>HONG NGUYEN</u>	HONG NGUYEN	FBI	✓	✓
Relinquished by:				
Received by:				

607094

SAMPLE CHAIN OF CUSTODY

ME 7/8/16 US3

Send Report to Courtney SchaumburgCompany SoundEarth Strategies, Inc.Address 2811 Fairview Avenue E, Suite 2000City, State, ZIP Seattle, Washington 98102Phone # 206-306-1900 Fax # 206-306-1907SAMPLERS (signature) Clar Inc.Page # 2 of 2

PROJECT NAME/NO.

PO #

0805-002

TURNAROUND TIME

Standard (2 Weeks)

RUSH 24 hour

Rush charges authorized by:

REMARKS

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED						Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	CVOCs by 8260C	SVOCs by 8270	VOCs	
D4-BTM-11	D4	11	11A1	7/8/16	1056	soil	4						X	
E4-BTM-11	E4	11	12		1100								X	
A3-BTM-11	A3	11	13		1145								X	
C4-BTM-02-11	C4	11	14		1415								X	
C4-BTM-03-11	C4	11	15		1417								X	
B3-BTM-11	B3	11	16		1445								X	
C3-BTM-11	C3	11	17		1450								X	
D3-BTM-11	D3	11	18		1455								X	
CT 7/8/16														
Samples received at <u>4</u> °C														

Friedman & Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COC\COC.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>Clar Inc.</u>	Clar Inc.	SoundEarth	7/8/16	1625
Received by: <u>HONG NGUYEN</u>	HONG NGUYEN	FBI	✓	✓
Relinquished by:				
Received by:				

Friedman & Bruya, Inc. #607183 amended

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

July 15, 2016

Courtney Schaumberg, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Ms Schaumberg:

Included are the results from the testing of material submitted on July 13, 2016 from the SOU_0805-002_ 20160713, F&BI 607183 project. There are 21 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
SOU0715R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 13, 2016 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0805-002_ 20160713, F&BI 607183 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
607183 -01	A2-NSW-03
607183 -02	A2-NSW-06
607183 -03	A2-BTM-07
607183 -04	B2-BTM-01-07
607183 -05	B2-BTM-02-07
607183 -06	C0-BTM-07
607183 -07	C0-WSW-03
607183 -08	C0-WSW-06
607183 -09	C1-BTM-07
607183 -10	C2-BTM-07
607183 -11	D1-BTM-01-07
607183 -12	D1-BTM-02-07
607183 -13	D2-BTM-07
607183 -14	E1-BTM-07
607183 -15	E1-SSW-03
607183 -16	E1-SSW-06

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	A2-NSW-03	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-01
Date Analyzed:	07/13/16	Data File:	071327.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	A2-NSW-06	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-02
Date Analyzed:	07/13/16	Data File:	071328.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	A2-BTM-07	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-03
Date Analyzed:	07/13/16	Data File:	071329.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B2-BTM-01-07	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-04
Date Analyzed:	07/13/16	Data File:	071330.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B2-BTM-02-07	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-05
Date Analyzed:	07/13/16	Data File:	071331.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	C0-BTM-07	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-06
Date Analyzed:	07/13/16	Data File:	071332.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: C0-WSW-03	Client: SoundEarth Strategies
Date Received: 07/13/16	Project: SOU_0805-002_ 20160713, F&BI 607183
Date Extracted: 07/13/16	Lab ID: 607183-07
Date Analyzed: 07/13/16	Data File: 071333.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	99	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: C0-WSW-06	Client: SoundEarth Strategies
Date Received: 07/13/16	Project: SOU_0805-002_ 20160713, F&BI 607183
Date Extracted: 07/13/16	Lab ID: 607183-08
Date Analyzed: 07/13/16	Data File: 071334.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	C1-BTM-07	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-09
Date Analyzed:	07/13/16	Data File:	071335.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	C2-BTM-07	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-10
Date Analyzed:	07/13/16	Data File:	071336.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	D1-BTM-01-07	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-11
Date Analyzed:	07/13/16	Data File:	071337.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	99	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	D1-BTM-02-07	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-12
Date Analyzed:	07/13/16	Data File:	071338.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: D2-BTM-07	Client: SoundEarth Strategies
Date Received: 07/13/16	Project: SOU_0805-002_ 20160713, F&BI 607183
Date Extracted: 07/13/16	Lab ID: 607183-13
Date Analyzed: 07/13/16	Data File: 071339.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	E1-BTM-07	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-14
Date Analyzed:	07/13/16	Data File:	071340.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: E1-SSW-03	Client: SoundEarth Strategies
Date Received: 07/13/16	Project: SOU_0805-002_ 20160713, F&BI 607183
Date Extracted: 07/13/16	Lab ID: 607183-15
Date Analyzed: 07/14/16	Data File: 071341.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	E1-SSW-06	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-16
Date Analyzed:	07/14/16	Data File:	071342.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	06-1392 mb
Date Analyzed:	07/13/16	Data File:	071326.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/15/16

Date Received: 07/13/16

Project: SOU_0805-002_20160713, F&BI 607183

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 607183-10 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2.5	<0.5	14	10-142
Chloromethane	mg/kg (ppm)	2.5	<0.5	40	10-126
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	41	10-138
Bromomethane	mg/kg (ppm)	2.5	<0.5	50	10-163
Chloroethane	mg/kg (ppm)	2.5	<0.5	54	10-176
Trichlorofluoromethane	mg/kg (ppm)	2.5	<0.5	47	10-176
Acetone	mg/kg (ppm)	12.5	<0.5	77	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	59	10-160
Hexane	mg/kg (ppm)	2.5	<0.25	44	10-137
Methylene chloride	mg/kg (ppm)	2.5	<0.5	77	10-156
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	<0.05	77	21-145
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	14-137
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	19-140
2,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	77	10-158
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	80	25-135
Chloroform	mg/kg (ppm)	2.5	<0.05	80	21-145
2-Butanone (MEK)	mg/kg (ppm)	12.5	<0.5	86	19-147
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	75	12-160
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	74	10-156
1,1-Dichloropropene	mg/kg (ppm)	2.5	<0.05	76	17-140
Carbon tetrachloride	mg/kg (ppm)	2.5	<0.05	71	9-164
Benzene	mg/kg (ppm)	2.5	<0.03	78	29-129
Trichloroethene	mg/kg (ppm)	2.5	<0.02	76	21-139
1,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	85	30-135
Bromodichloromethane	mg/kg (ppm)	2.5	<0.05	81	23-155
Dibromomethane	mg/kg (ppm)	2.5	<0.05	88	23-145
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	<0.5	87	24-155
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	85	28-144
Toluene	mg/kg (ppm)	2.5	<0.05	81	35-130
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	83	26-149
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	<0.05	87	10-205
2-Hexanone	mg/kg (ppm)	12.5	<0.5	82	15-166
1,3-Dichloropropane	mg/kg (ppm)	2.5	<0.05	83	31-137
Tetrachloroethene	mg/kg (ppm)	2.5	<0.02	80	20-133
Dibromochloromethane	mg/kg (ppm)	2.5	<0.05	80	28-150
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	<0.05	82	28-142
Chlorobenzene	mg/kg (ppm)	2.5	<0.05	80	32-129
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	79	32-137
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	81	31-143
m,p-Xylene	mg/kg (ppm)	5	<0.1	81	34-136
o-Xylene	mg/kg (ppm)	2.5	<0.05	81	33-134
Styrene	mg/kg (ppm)	2.5	<0.05	83	35-137
Isopropylbenzene	mg/kg (ppm)	2.5	<0.05	83	31-142
Bromoform	mg/kg (ppm)	2.5	<0.05	73	21-156
n-Propylbenzene	mg/kg (ppm)	2.5	<0.05	85	23-146
Bromobenzene	mg/kg (ppm)	2.5	<0.05	82	34-130
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	85	18-149
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	85	28-140
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	<0.05	82	25-144
2-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	81	31-134
4-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	81	31-136
tert-Butylbenzene	mg/kg (ppm)	2.5	<0.05	83	30-137
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	85	10-182
sec-Butylbenzene	mg/kg (ppm)	2.5	<0.05	87	23-145
p-Isopropyltoluene	mg/kg (ppm)	2.5	<0.05	86	21-149
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	85	30-131
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	83	29-129
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	85	31-132
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	<0.5	81	11-161
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	84	22-142
Hexachlorobutadiene	mg/kg (ppm)	2.5	<0.25	86	10-142
Naphthalene	mg/kg (ppm)	2.5	<0.05	86	14-157
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	86	20-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/15/16

Date Received: 07/13/16

Project: SOU_0805-002_20160713, F&BI 607183

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	2.5	56	55	10-146	2
Chloromethane	mg/kg (ppm)	2.5	73	76	27-133	4
Vinyl chloride	mg/kg (ppm)	2.5	79	82	22-139	4
Bromomethane	mg/kg (ppm)	2.5	74	77	38-114	4
Chloroethane	mg/kg (ppm)	2.5	80	88	10-163	10
Trichlorofluoromethane	mg/kg (ppm)	2.5	76	84	10-196	10
Acetone	mg/kg (ppm)	12.5	103	94	52-141	9
1,1-Dichloroethene	mg/kg (ppm)	2.5	94	97	47-128	3
Hexane	mg/kg (ppm)	2.5	92	98	43-142	6
Methylene chloride	mg/kg (ppm)	2.5	93	98	42-132	5
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	95	100	60-123	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	98	104	67-127	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	99	105	68-115	6
2,2-Dichloropropane	mg/kg (ppm)	2.5	100	100	52-170	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	106	72-113	6
Chloroform	mg/kg (ppm)	2.5	98	103	66-120	5
2-Butanone (MEK)	mg/kg (ppm)	12.5	105	109	57-123	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	90	97	56-135	7
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	99	101	62-131	2
1,1-Dichloropropene	mg/kg (ppm)	2.5	100	105	69-128	5
Carbon tetrachloride	mg/kg (ppm)	2.5	89	96	60-139	8
Benzene	mg/kg (ppm)	2.5	95	101	68-114	6
Trichloroethene	mg/kg (ppm)	2.5	96	101	64-117	5
1,2-Dichloropropane	mg/kg (ppm)	2.5	103	110	72-127	7
Bromodichloromethane	mg/kg (ppm)	2.5	96	103	72-130	7
Dibromomethane	mg/kg (ppm)	2.5	107	114	70-120	6
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	103	110	45-145	7
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	99	106	75-136	7
Toluene	mg/kg (ppm)	2.5	98	103	66-126	5
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	97	104	72-132	7
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	106	113	75-113	6
2-Hexanone	mg/kg (ppm)	12.5	93	103	33-152	10
1,3-Dichloropropane	mg/kg (ppm)	2.5	97	104	72-130	7
Tetrachloroethene	mg/kg (ppm)	2.5	98	103	72-114	5
Dibromochloromethane	mg/kg (ppm)	2.5	93	101	74-125	8
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	99	105	74-132	6
Chlorobenzene	mg/kg (ppm)	2.5	95	101	76-111	6
Ethylbenzene	mg/kg (ppm)	2.5	94	100	64-123	6
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	98	102	69-135	4
m,p-Xylene	mg/kg (ppm)	5	95	102	78-122	7
o-Xylene	mg/kg (ppm)	2.5	97	103	77-124	6
Styrene	mg/kg (ppm)	2.5	98	105	74-126	7
Isopropylbenzene	mg/kg (ppm)	2.5	99	104	76-127	5
Bromoform	mg/kg (ppm)	2.5	81	90	56-132	11
n-Propylbenzene	mg/kg (ppm)	2.5	99	105	74-124	6
Bromobenzene	mg/kg (ppm)	2.5	97	101	72-122	4
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	101	106	76-126	5
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	100	105	56-143	5
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	97	103	61-137	6
2-Chlorotoluene	mg/kg (ppm)	2.5	96	101	74-121	5
4-Chlorotoluene	mg/kg (ppm)	2.5	95	101	75-122	6
tert-Butylbenzene	mg/kg (ppm)	2.5	99	103	73-130	4
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	100	105	76-125	5
sec-Butylbenzene	mg/kg (ppm)	2.5	103	106	71-130	3
p-Isopropyltoluene	mg/kg (ppm)	2.5	101	106	70-132	5
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	99	105	75-121	6
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	96	104	74-117	8
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	100	105	76-121	5
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	98	96	58-138	2
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	100	104	64-135	4
Hexachlorobutadiene	mg/kg (ppm)	2.5	100	103	50-153	3
Naphthalene	mg/kg (ppm)	2.5	104	105	63-140	1
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	103	107	63-138	4

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

607183

SAMPLE CHAIN OF CUSTODY

VS3

Send Report to Courtney SchaumburgCompany SoundEarth Strategies, Inc.Address 2811 Fairview Avenue E, Suite 2000City, State, ZIP Seattle, Washington 98102Phone # 206-306-1900 Fax # 206-306-1907SAMPLERS (signature) Clare Tachin

PROJECT NAME/NO.

0805-002

PO #

REMARKS

Page # 1 of 2

TURNAROUND TIME

Standard (2 Weeks)

RUSH 24 hr

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED						Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	CVOCs by 8260C	SVOCs by 8270	VOCs	
A2-NSW-03	A2	3	01A-D	7/13/16	0723	Soil	4						X	
A2-NSW-06	A2	6	02		0725								X	
A2-BTM-07	A2	7	03		0810								X	
B2-BTM-01-07	B2	7	04		0813								X	
B2-BTM-02-07	B2	7	05		0815								X	
C0-BTM-07	C0	7	06		0830								X	
C0-WSW-03	C0	3	07		0835								X	
C0-WSW-06	C0	6	08		0837								X	
C1-BTM-07	C1	7	09		1055								X	
C2-BTM-07	C2	7	10		1100								X	

Friedman & Bruya, Inc.
3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COC\COC.DOC

Samples received at 5 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>Clare Tachin</u>	Clare Tachin	SoundEarth	7/13/16	1540
Received by: <u>Nhan Phan</u>	Nhan Phan	ECBT	7/13/16	1540
Relinquished by:				
Received by:				

607183

SAMPLE CHAIN OF CUSTODY

Send Report to Courtney SchaumbergCompany SoundEarth Strategies, Inc.Address 2811 Fairview Avenue E, Suite 2000City, State, ZIP Seattle, Washington 98102Phone # 206-306-1900 Fax # 206-306-1907SAMPLERS (signature) Clare Pichler

PROJECT NAME/NO.

0805-002

PO #

REMARKS

Page # 2 of 2

TURNAROUND TIME

Standard (2 Weeks)

RUSH 24 hr

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED						Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	CVOCs by 8260C	SVOCs by 8270	VOCs	
D1-BTM-01-07	D1	7	11A	7/13/16	1220	Soil	4						X	
D1-BTM-02-07	D1	7	12		1222								X	
D2-BTM-07	D2	7	13		1228								X	
E1-BTM-07	E1	7	14		1300								X	
E1-SSW-03	E1	3	15		1304								X	
E1-SSW-06	E1	6	16		1306								X	

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Seattle, WA 98119-2029

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FORMS\COC\COC.DOC

SIGNATURE		PRINT NAME		Samples received at <u>5</u> °C	
Relinquished by:		COMPANY	DATE	TIME	
Relinquished by: <u>Clare Pichler</u>		<u>SoundEarth</u>	<u>7/13/16</u>	<u>1540</u>	
Received by: <u>John Taylor</u>		<u>FELT</u>	<u>7/13/16</u>	<u>1340</u>	
Relinquished by:					
Received by:					

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

July 27, 2016

Courtney Schaumberg, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Ms Schaumberg:

Included is the amended report from the testing of material submitted on July 13, 2016 from the SOU_0805-002_ 20160713, F&BI 607183 project. Per your request, several sample IDs have been amended.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
SOU0715R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
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www.friedmanandbruya.com

July 15, 2016

Courtney Schaumberg, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Ms Schaumberg:

Included are the results from the testing of material submitted on July 13, 2016 from the SOU_0805-002_ 20160713, F&BI 607183 project. There are 21 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
SOU0715R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 13, 2016 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0805-002_ 20160713, F&BI 607183 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
607183 -01	A2-NSW-03
607183 -02	A2-NSW-06
607183 -03	A2-BTM-07
607183 -04	B2-BTM-01-07
607183 -05	B2-BTM-02-07
607183 -06	C0-BTM-07
607183 -07	C0-WSW-03
607183 -08	C0-WSW-06
607183 -09	C1-BTM-07
607183 -10	C2-BTM-01-07
607183 -11	D1-BTM-07
607183 -12	C2-BTM-02-07
607183 -13	D2-BTM-07
607183 -14	E1-BTM-07
607183 -15	E1-SSW-03
607183 -16	E1-SSW-06

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: A2-NSW-03	Client: SoundEarth Strategies
Date Received: 07/13/16	Project: SOU_0805-002_ 20160713, F&BI 607183
Date Extracted: 07/13/16	Lab ID: 607183-01
Date Analyzed: 07/13/16	Data File: 071327.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	A2-NSW-06	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-02
Date Analyzed:	07/13/16	Data File:	071328.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	A2-BTM-07	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-03
Date Analyzed:	07/13/16	Data File:	071329.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	102	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B2-BTM-01-07	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-04
Date Analyzed:	07/13/16	Data File:	071330.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B2-BTM-02-07	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-05
Date Analyzed:	07/13/16	Data File:	071331.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	C0-BTM-07	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-06
Date Analyzed:	07/13/16	Data File:	071332.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: C0-WSW-03	Client: SoundEarth Strategies
Date Received: 07/13/16	Project: SOU_0805-002_ 20160713, F&BI 607183
Date Extracted: 07/13/16	Lab ID: 607183-07
Date Analyzed: 07/13/16	Data File: 071333.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	99	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	C0-WSW-06	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-08
Date Analyzed:	07/13/16	Data File:	071334.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: C1-BTM-07	Client: SoundEarth Strategies
Date Received: 07/13/16	Project: SOU_0805-002_ 20160713, F&BI 607183
Date Extracted: 07/13/16	Lab ID: 607183-09
Date Analyzed: 07/13/16	Data File: 071335.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	C2-BTM-01-07	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-10
Date Analyzed:	07/13/16	Data File:	071336.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	D1-BTM-07	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-11
Date Analyzed:	07/13/16	Data File:	071337.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	99	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	C2-BTM-02-07	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-12
Date Analyzed:	07/13/16	Data File:	071338.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: D2-BTM-07	Client: SoundEarth Strategies
Date Received: 07/13/16	Project: SOU_0805-002_ 20160713, F&BI 607183
Date Extracted: 07/13/16	Lab ID: 607183-13
Date Analyzed: 07/13/16	Data File: 071339.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: E1-BTM-07	Client: SoundEarth Strategies
Date Received: 07/13/16	Project: SOU_0805-002_ 20160713, F&BI 607183
Date Extracted: 07/13/16	Lab ID: 607183-14
Date Analyzed: 07/13/16	Data File: 071340.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	100	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: E1-SSW-03	Client: SoundEarth Strategies
Date Received: 07/13/16	Project: SOU_0805-002_ 20160713, F&BI 607183
Date Extracted: 07/13/16	Lab ID: 607183-15
Date Analyzed: 07/14/16	Data File: 071341.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	E1-SSW-06	Client:	SoundEarth Strategies
Date Received:	07/13/16	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	607183-16
Date Analyzed:	07/14/16	Data File:	071342.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	102	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0805-002_ 20160713, F&BI 607183
Date Extracted:	07/13/16	Lab ID:	06-1392 mb
Date Analyzed:	07/13/16	Data File:	071326.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	101	55	145
4-Bromofluorobenzene	101	65	139

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.02
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Hexane	<0.25	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.05	Bromoform	<0.05
1,1-Dichloroethane	<0.05	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.05	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<0.5	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.05	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.05	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.03	sec-Butylbenzene	<0.05
Trichloroethene	<0.02	p-Isopr opyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.05	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.05
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/15/16

Date Received: 07/13/16

Project: SOU_0805-002_20160713, F&BI 607183

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 607183-10 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2.5	<0.5	14	10-142
Chloromethane	mg/kg (ppm)	2.5	<0.5	40	10-126
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	41	10-138
Bromomethane	mg/kg (ppm)	2.5	<0.5	50	10-163
Chloroethane	mg/kg (ppm)	2.5	<0.5	54	10-176
Trichlorofluoromethane	mg/kg (ppm)	2.5	<0.5	47	10-176
Acetone	mg/kg (ppm)	12.5	<0.5	77	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	59	10-160
Hexane	mg/kg (ppm)	2.5	<0.25	44	10-137
Methylene chloride	mg/kg (ppm)	2.5	<0.5	77	10-156
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	<0.05	77	21-145
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	14-137
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	19-140
2,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	77	10-158
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	80	25-135
Chloroform	mg/kg (ppm)	2.5	<0.05	80	21-145
2-Butanone (MEK)	mg/kg (ppm)	12.5	<0.5	86	19-147
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	75	12-160
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	74	10-156
1,1-Dichloropropene	mg/kg (ppm)	2.5	<0.05	76	17-140
Carbon tetrachloride	mg/kg (ppm)	2.5	<0.05	71	9-164
Benzene	mg/kg (ppm)	2.5	<0.03	78	29-129
Trichloroethene	mg/kg (ppm)	2.5	<0.02	76	21-139
1,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	85	30-135
Bromodichloromethane	mg/kg (ppm)	2.5	<0.05	81	23-155
Dibromomethane	mg/kg (ppm)	2.5	<0.05	88	23-145
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	<0.5	87	24-155
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	85	28-144
Toluene	mg/kg (ppm)	2.5	<0.05	81	35-130
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	83	26-149
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	<0.05	87	10-205
2-Hexanone	mg/kg (ppm)	12.5	<0.5	82	15-166
1,3-Dichloropropane	mg/kg (ppm)	2.5	<0.05	83	31-137
Tetrachloroethene	mg/kg (ppm)	2.5	<0.02	80	20-133
Dibromochloromethane	mg/kg (ppm)	2.5	<0.05	80	28-150
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	<0.05	82	28-142
Chlorobenzene	mg/kg (ppm)	2.5	<0.05	80	32-129
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	79	32-137
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	81	31-143
m,p-Xylene	mg/kg (ppm)	5	<0.1	81	34-136
o-Xylene	mg/kg (ppm)	2.5	<0.05	81	33-134
Styrene	mg/kg (ppm)	2.5	<0.05	83	35-137
Isopropylbenzene	mg/kg (ppm)	2.5	<0.05	83	31-142
Bromoform	mg/kg (ppm)	2.5	<0.05	73	21-156
n-Propylbenzene	mg/kg (ppm)	2.5	<0.05	85	23-146
Bromobenzene	mg/kg (ppm)	2.5	<0.05	82	34-130
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	85	18-149
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	85	28-140
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	<0.05	82	25-144
2-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	81	31-134
4-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	81	31-136
tert-Butylbenzene	mg/kg (ppm)	2.5	<0.05	83	30-137
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	85	10-182
sec-Butylbenzene	mg/kg (ppm)	2.5	<0.05	87	23-145
p-Isopropyltoluene	mg/kg (ppm)	2.5	<0.05	86	21-149
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	85	30-131
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	83	29-129
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	85	31-132
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	<0.5	81	11-161
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	84	22-142
Hexachlorobutadiene	mg/kg (ppm)	2.5	<0.25	86	10-142
Naphthalene	mg/kg (ppm)	2.5	<0.05	86	14-157
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	<0.25	86	20-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/15/16

Date Received: 07/13/16

Project: SOU_0805-002_20160713, F&BI 607183

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	2.5	56	55	10-146	2
Chloromethane	mg/kg (ppm)	2.5	73	76	27-133	4
Vinyl chloride	mg/kg (ppm)	2.5	79	82	22-139	4
Bromomethane	mg/kg (ppm)	2.5	74	77	38-114	4
Chloroethane	mg/kg (ppm)	2.5	80	88	10-163	10
Trichlorofluoromethane	mg/kg (ppm)	2.5	76	84	10-196	10
Acetone	mg/kg (ppm)	12.5	103	94	52-141	9
1,1-Dichloroethene	mg/kg (ppm)	2.5	94	97	47-128	3
Hexane	mg/kg (ppm)	2.5	92	98	43-142	6
Methylene chloride	mg/kg (ppm)	2.5	93	98	42-132	5
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	95	100	60-123	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	98	104	67-127	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	99	105	68-115	6
2,2-Dichloropropane	mg/kg (ppm)	2.5	100	100	52-170	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	106	72-113	6
Chloroform	mg/kg (ppm)	2.5	98	103	66-120	5
2-Butanone (MEK)	mg/kg (ppm)	12.5	105	109	57-123	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	90	97	56-135	7
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	99	101	62-131	2
1,1-Dichloropropene	mg/kg (ppm)	2.5	100	105	69-128	5
Carbon tetrachloride	mg/kg (ppm)	2.5	89	96	60-139	8
Benzene	mg/kg (ppm)	2.5	95	101	68-114	6
Trichloroethene	mg/kg (ppm)	2.5	96	101	64-117	5
1,2-Dichloropropane	mg/kg (ppm)	2.5	103	110	72-127	7
Bromodichloromethane	mg/kg (ppm)	2.5	96	103	72-130	7
Dibromomethane	mg/kg (ppm)	2.5	107	114	70-120	6
4-Methyl-2-pentanone	mg/kg (ppm)	12.5	103	110	45-145	7
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	99	106	75-136	7
Toluene	mg/kg (ppm)	2.5	98	103	66-126	5
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	97	104	72-132	7
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	106	113	75-113	6
2-Hexanone	mg/kg (ppm)	12.5	93	103	33-152	10
1,3-Dichloropropane	mg/kg (ppm)	2.5	97	104	72-130	7
Tetrachloroethene	mg/kg (ppm)	2.5	98	103	72-114	5
Dibromochloromethane	mg/kg (ppm)	2.5	93	101	74-125	8
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	99	105	74-132	6
Chlorobenzene	mg/kg (ppm)	2.5	95	101	76-111	6
Ethylbenzene	mg/kg (ppm)	2.5	94	100	64-123	6
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	98	102	69-135	4
m,p-Xylene	mg/kg (ppm)	5	95	102	78-122	7
o-Xylene	mg/kg (ppm)	2.5	97	103	77-124	6
Styrene	mg/kg (ppm)	2.5	98	105	74-126	7
Isopropylbenzene	mg/kg (ppm)	2.5	99	104	76-127	5
Bromoform	mg/kg (ppm)	2.5	81	90	56-132	11
n-Propylbenzene	mg/kg (ppm)	2.5	99	105	74-124	6
Bromobenzene	mg/kg (ppm)	2.5	97	101	72-122	4
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	101	106	76-126	5
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	100	105	56-143	5
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	97	103	61-137	6
2-Chlorotoluene	mg/kg (ppm)	2.5	96	101	74-121	5
4-Chlorotoluene	mg/kg (ppm)	2.5	95	101	75-122	6
tert-Butylbenzene	mg/kg (ppm)	2.5	99	103	73-130	4
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	100	105	76-125	5
sec-Butylbenzene	mg/kg (ppm)	2.5	103	106	71-130	3
p-Isopropyltoluene	mg/kg (ppm)	2.5	101	106	70-132	5
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	99	105	75-121	6
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	96	104	74-117	8
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	100	105	76-121	5
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	98	96	58-138	2
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	100	104	64-135	4
Hexachlorobutadiene	mg/kg (ppm)	2.5	100	103	50-153	3
Naphthalene	mg/kg (ppm)	2.5	104	105	63-140	1
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	103	107	63-138	4

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

607183

SAMPLE CHAIN OF CUSTODY

VS3

Send Report to Courtney SchaumburgCompany SoundEarth Strategies, Inc.Address 2811 Fairview Avenue E, Suite 2000City, State, ZIP Seattle, Washington 98102Phone # 206-306-1900 Fax # 206-306-1907SAMPLERS (signature) [Signature]

PROJECT NAME/NO.

0805-002

PO #

REMARKS

ID changes per CS 7/27/16

Mg.

Page # 1 of 2

TURNAROUND TIME

Standard (2 Weeks)

RUSH 24 hrs

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED						Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	CVOCs by 8260C	SVOCs by 8270	VOCs	
A2-NSW-03	A2	3	01A-D	7/13/16	0723	Soil	4						X	
A2-NSW-06	A2	6	02		0725								X	
A2-BTM-07	A2	7	03		0810								X	
B2-BTM-01-07	B2	7	04		0813								X	
B2-BTM-02-07	B2	7	05		0815								X	
C0-BTM-07	C0	7	06		0830								X	
C0-WSW-03	C0	3	07		0835								X	
C0-WSW-06	C0	6	08		0837								X	
C1-BTM-07	C1	7	09		1055								X	
C2-BTM-07	C2	7	10		1100								X	

-01-07

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COC\COC.DOC

Samples received at 5 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Clare Tachin	SoundEarth	7/13/16	1540
Received by: <u>[Signature]</u>	Nhan Phan	ECBT	7/13/16	1540
Relinquished by:				
Received by:				

607183

SAMPLE CHAIN OF CUSTODY

vs3

Send Report to Courtney SchaumburgCompany SoundEarth Strategies, Inc.Address 2811 Fairview Avenue E. Suite 2000City, State, ZIP Seattle, Washington 98102Phone # 206-306-1900 Fax # 206-306-1907SAMPLERS (signature) [Signature]

PROJECT NAME/NO.

PO #

0805-002

REMARKS

Page # 2 of 2

TURNAROUND TIME

Standard (2 Weeks)

RUSH 24 hr

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED						Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	CVOCs by 8260C	SVOCs by 8270	VOC	
D1-BTM-07	D1	7	11A	7/13/16	1220	Soil	4							
C2 D1-BTM-02-07	D1	7	12		1222								X	
D2-BTM-07	D2	7	13		1225								X	
E1-BTM-07	E1	7	14		1300								X	
E1-SSW-03	E1	3	15		1304								X	
E1-SSW-06	E1	6	16		1306								X	

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Seattle, WA 98119-2029

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FORMS\COC\COC.DOC

SIGNATURE		PRINT NAME		Samples received at <u>5</u> °C	
Relinquished by: <u>[Signature]</u>		Clare Tachikawa		COMPANY	DATE
Received by: <u>[Signature]</u>		Whan Arnan		SoundEarth	7/13/16
Relinquished by:				FEST	7/13/16
Received by:					1540
					1340