Ambient Environmental, Inc.
Building Science and EHS Solutions
NYS Certified WBE,
SBA EDWOSB & DBE

September 4, 2018

Richard H. Sykes, Jr.
RHS Holdings, LLC
202 Walton Street, Suite 204
Syracuse, NY 13202

Via email: rsykesjr@rhsholdingsllc.com

RE: Limited Environmental Site Investigation Report
332 and 314 Fayette Street, Manlius, NY
Ambient Project No. 180222ENVA

Dear Mr. Sykes;

Ambient Environmental, Inc. (Ambient) performed a limited Environmental Site Investigation (SI) at the properties located at 332 Fayette Street and 314 Fayette Street in Manlius, NY (the Site). A Site location map (Figure 1) is attached. The scope of work at the Site was based, in part, on a recently-completed Phase I Environmental Site Assessment (ESA) report prepared by Ambient which identified the portion of the Site at 332 Fayette Street as being the location of an automobile dealership with vehicle repair and maintenance facilities from approximately 1948 to 2009. The Phase I ESA identified several Recognized Environmental Conditions at 332 Fayette Street including current or former petroleum bulk storage tanks located along the western end of the property along Fayette Street, inground lifts and drains inside the former automobile dealership repair area, and a potential oil/water separator outside the former automobile dealership repair area.

The Phase I ESA identified 314 Fayette Street as a former manufacturing location (known as Hollowick, Inc.) with known environmental impairment, based in part on a Subsurface Investigation Report performed by Plumley Engineering dated January 2016. That report identified concentrations of metals, including copper, nickel, and lead, that exceeded NYSDEC Commercial Use Soil Cleanup Objectives (SCOs), as well as Volatile Organic Compound (VOC) concentrations in groundwater samples that exceeded NYSDEC groundwater standards (GWS).

The Phase I ESA report and the Plumley Engineering Report are provided under separate cover for reference

SCOPE OF WORK

Ambient implemented the scope of work summarized below to evaluate all suspected areas of concern at the Site.

Document Review Ambient reviewed the Subsurface Investigation Report prepared by Plumley Engineering, readily available NYSDEC files associated with the Site, and any other pertinent information readily available (as provided by the Client) in order to focus the SI field investigation. On behalf of the Client, Ambient filed a Freedom of Information Law (FOIL) requests with NYSDEC to access spill files associate with the Site and surrounding properties. Ambient reviewed and summarized the resulting spill file information and utilized that information to finalize the SI scope of work.

Utility Clearance. Ambient utilized the public underground utility locator service ("Digsafe") and the knowledge of the property owner to establish an underground feature mark-out in the work area prior to any intrusive activity. Ambient also utilized a Schonstedt Magnetic Locator to scan for buried metallic features and clear drilling locations.

Soil Borings and Well Point Installation: 332 Fayette Street Ambient advanced 14 soil borings to various depths below ground surface (bgs) based on field screening and site conditions (Figure 2). Soil borings were advanced by NYEG Drilling using 'direct push' technology to collect soil samples continuously from grade to total depth. Soil borings were logged and continuously scanned with a PID by Ambient's on-site geologist. VOC vapors were detected at various depths at all soil boring locations except locations SB-9, SB-13 and SB-14. While almost all soil borings had detectable VOC vapors (as recorded with the PID), only VOC vapor readings of 50 parts per million (ppm) or above are provided below.

- SB-1: 82 ppm at 3.5 feet bgs
- SB-1: 100 ppm at 4.5 feet bgs
- SB-4: 65 ppm at 3 feet bgs
- SB-5: 98 ppm at 2 feet bgs
- SB-5: 300 ppm at 2.5 feet bgs
- SB-6: 80 ppm at 2 feet bgs
- SB-6: 90 ppm at 2.5 feet bgs
- SB-7- 100 ppm at 5 feet bgs
- SB-7: 90 ppm at 6 feet bgs
- SB-10: 80 ppm at 5.5 feet bgs
- SB-10: 400 ppm at 7 feet bgs
- SB-10: 350 ppm at 7.5 feet bgs
- SB-11: 418 ppm at 4 feet bgs
- SB-11: 400 ppm at 6 feet bgs
- SB-11: 847 ppm at 7 feet bgs

In general, borings were advanced to approximately 8 feet below grade. A stiff, reddish-brown clay with angular pebbles was encountered throughout the Site at approximately 4.0 to 5.0 feet bgs. Refusal at SB-12 occurred at 2.5 feet bgs due to wood or an obstruction (SB-12 was moved and advanced to 15 feet bgs). Borings at SB-8, SB-11, SB-12, and SB-14 were advanced to 15 feet below grade to allow for the installation of temporary groundwater monitoring well points at those locations.

One-inch-diameter temporary groundwater monitoring well points were installed at locations SB-8, SB-11, SB-12, and SB-14. The slotted screen at the temporary wells were placed from 5.0 to 15.0 feet bgs. Well points were purged in accordance with standard industry methods, and one groundwater sample was collected from each temporary well point using a bailer. Well points and corresponding boring locations were as follows: TW-1 was installed at SB-12, TW-2 was installed at SB-14, TW-3 was installed at SB-8, and TW-4 was installed at SB-11. Well points were removed upon completion of sample collection and receipt of data.

Soil boring logs are provided as Attachment A.

Sample Analyses: 332 Fayette Street A total of nine soil samples were collected for analyses based on field observations and screening as follows:

- Soil sample SB-1 collected from 4.0 to 5.0 feet bgs at boring location SB-1;
- Soil sample SB-3 collected from 2.5 to 4.0 feet bgs at boring location SB-2;
- Soil sample SB-4 collected from 3.0 to 4.0 feet bgs at boring location SB-4;
- Soil sample SB-5 collected from 2.0 to 3.5 feet bgs at boring location SB-5;
- Soil sample SB-7 collected from 5.0 to 6.5 feet bgs at boring location SB-7;
- Soil sample SB-10 collected from 7.0 to 8.0 feet bgs at boring location SB-10;
- Soil sample SB-11 collected from 7.0 to 7.5 feet bgs at boring location SB-11;
- Soil sample SB-12 collected from 2.5 to 4.0 feet bgs at boring location SB-12; and
- Soil sample SB-13 collected from 0.5 to 2.0 feet bgs at boring location SB-13.

The nine samples were collected and analyzed for the following parameters:

- Soil sample SB-1 was analyzed for TCL VOCs, TCL Semivolatile Organic Compounds (SVOCs), PCBs, and total RCRA Metals;
- Soil sample SB-3 was analyzed for TCL VOCs and TCL SVOCs;
- Soil sample SB-4 was analyzed for CP-51 SVOCs and PCBs;
- Soil sample SB-5 was analyzed for CP-51 SVOCs and PCBs;
- Soil sample SB-7 was analyzed for CP-51 SVOCs and PCBs;
- Soil sample SB-10 was analyzed for CP-51 VOCs, CP-51 SVOCs, lead, and PCBs;
- Soil sample SB-11 was analyzed for CP-51 VOCs, CP-51 SVOCs, and lead;
- Soil sample SB-12 was analyzed for CP-51 SVOCs and PCBs; and
- Soil sample SB-13 was analyzed for TCL VOCs.

The four groundwater samples were analyzed TCL VOCs and TCL SVOCSs.

All samples were analyzed by ALPHA Analytical, a NYSDOH-certified laboratory. The results of soil sample VOC analyses are compared to unrestricted use and commercial use NYSDEC Soil Cleanup Objectives (SCOs) on the attached Table 1. Table 2 includes the results of soil sample SVOC analyses, Table 3 contains soil sample Metals results, and Table 4 presents the PCB results, including analysis of an oil sample from a hydraulic lift pit present in the auto repair area. The groundwater VOC and SVOC results are present in Table 5 and Table 6, respectively. The VOC results are compared to the NYS Ambient Water Quality Standards, and the SVOCs results are compared to the NYS Ambient Water Quality Guidance Values.

Laboratory reports are provided in Attachment B.

Soil Sampling: 314 Fayette Street Ambient collected shallow soil samples at contiguous 314 Fayette Street in Manlius, and also collected groundwater samples from several existing well points that were present on that parcel. Sample collection was based on site observations and on information provided in the previously-referenced Plumley Engineering report, which is summarized as follows:

- Concentrations of metals (copper, nickel, lead) in soil that exceed NYSDEC Commercial Use Soil Cleanup Objectives) SCOs and may indicate the presence of hazardous waste; and

- VOCs in groundwater samples from two temporary monitoring wells that exceed NYSDEC groundwater standards (GWS).

Ambient collected eight shallow soil samples (HSS-1 through HSS-8) from grade to two feet bgs on the 'former Hollowick Lot 1' at 314 Fayette Street using a stainless-steel hand auger. Ambient also collected water samples from three existing wells that had previously been installed, presumably by Plumley in 2016. A sample location map is attached as Figure 3.

Sample Analyses: 314 Fayette Street Eight soil samples were analyzed for total Nickel, Copper, Lead and Mercury, while HSS-2 and HSS-7 were additionally analyzed for the remaining RCRA Metals. HSS-7 was also analyzed for hexavalent chromium, which was not detected in that sample. Three existing temporary groundwater monitoring wells HTW-1, HTW-2, and HTW-3 were also sampled for TCL VOCs. Table 7 presents the soil sample metals concentration, while Table 8 presents the groundwater VOC results.

Findings and Conclusions

Site Setting

The site is situated in a mixed commercial/residential area in the Village of Manlius, Town of Manlius, Onondaga County. Soil underlying the site generally consists of fill material over fine silty sand with clay intervals over firm reddish-brown clay. Slag is present near the surface at 314 Fayette Street. Groundwater was encountered at various depths below grade, ranging from 1.74 to 5.95 feet below grade at the recently installed temporary well points at 332 Fayette Street, while the depth to water in well points on the former Hollowick Inc. property at 314 Fayette Street ranged from 4.46 to 10.78 feet below grade. Groundwater flow is likely to the west/southwest towards Limestone Creek; however, groundwater flow was not calculated during the Site Investigation.

Several bodies of water are present close to the Site, including a small stream oriented north-south near the eastern border of the Site. A small pond that is part of Perry Springs Park and Fish Hatchery is located about 825 feet northeast of the center of the Site. At its closest point, Limestone Creek is about 2,000 feet west of the center of the Site. Surface water is not expected to be affected by current Site conditions.

Analytical Results

Of the 14 soil borings advanced at 332 Fayette Street, PID screening detected VOC vapors at 11 location including all of the interior boring locations (inside the former auto repair area). This indicates an Area of Concern (AOC) due to the potential for source material under the concrete foundation slab (AOC-1). Soil sample collection and analyses at 332 Fayette Street detected VOCs and SVOCs indicative of petroleum residuals in shallow soil at the Site; the vertical extent appears to be limited by a shallow firm clay unit. Indications of affected soils were encountered in the former gasoline UST area immediately south of the repair area (AOC-2); VOCs in soil

sample SB-11, collected in this area, exceeded Unrestricted Soil Cleanup Objectives (SCOs). Indications of affected soils were encountered adjacent to an interior sump and associated exterior feature assumed to be an oil/water separator (AOC-3), and near hydraulic lift pits in the former auto repair area (included in AOC-1).

Four temporary well points were installed at 332 Fayette Street. Several VOCs and SVOCs indicative of petroleum residuals were detected in water samples. VOC concentrations exceeded GWS at temporary well location TW-4 in the former gasoline UST location (AOC-2). SVOC concentrations exceeded GWS at temporary well location TW-1 in the suspected oil/water separator location (AOC-3). As a result, NYSDEC assigned petroleum spill number 1804927 to the Site. AOCs 1 - 3 are shown on Figure 4.

Sample collection and analyses at 314 Fayette Street detected several metals, including copper, lead, and mercury above Commercial Use SCOs. Copper exceeded Unrestricted SCOs in seven of eight samples. The concentration of lead in two soil samples exceeded the TCLP limit for lead by at least two orders of magnitude (note: samples were not subject to TCLP extraction and analyses). Shallow (less than two feet) soils at 314 Fayette Street are considered an AOC.

Water samples collected from temporary well points at 314 Fayette Street did not contain VOCs at concentrations exceeding groundwater standards.

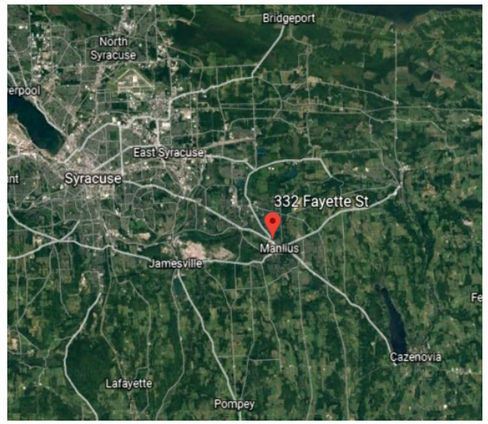
Ambient appreciates the opportunity to provide environmental consulting services. If you have any questions regarding this report, please contact me at (315) 263-3388 or by email (jimb@ambient-env.com). Thank you.

Respectfully;
Ambient Environmental, Inc.

James F. Blasting

James F. Blasting, PG
Senior Consultant

Attachments



SITE LOCATION

NOTES:

1. AERIAL PHOTOGRAPH SOURCE- GOOGLE EARTH 2017

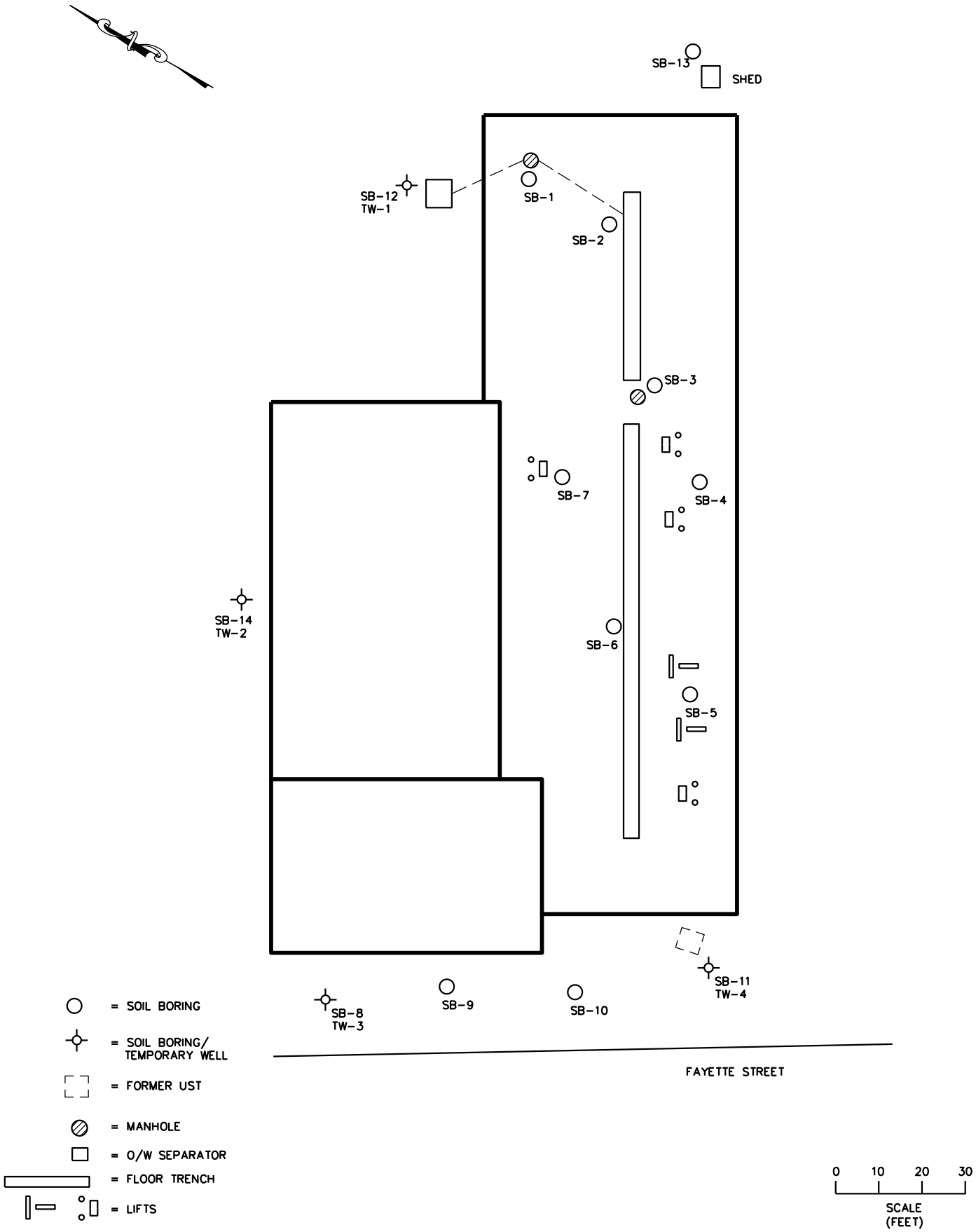
Ambient Environmental, Inc.
828 Washington Avenue
Albany, NY 12203

SITE LOCATION MAP

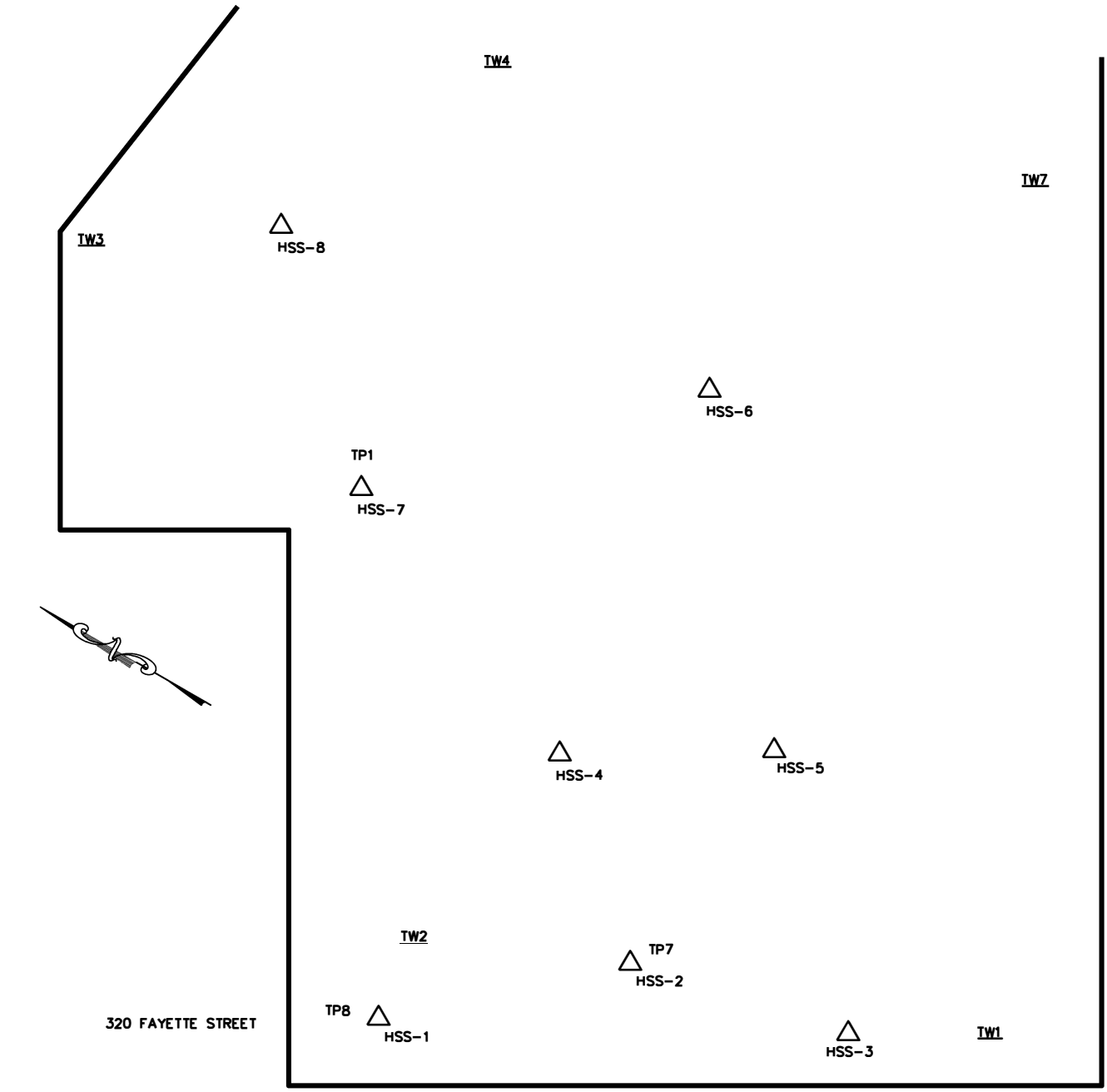
332 Fayette Street
Manlius, New York

FIGURE

1



AMBIENT ENVIRONMENTAL, INC. 828 WASHINGTON AVENUE ALBANY, NEW YORK 12203	PROJECT LOCATION FORMER EXPRESS SALES 332 FAYETTE STREET MANLIUS, NEW YORK	DRAWING TITLE 2018 SITE ACTIVITIES: 332 FAYETTE STREET	DATE: 08/08/18 | SCALE: AS NOTED PROJECT No. 180222ENVA DRAWN BY: MTG CHECKED BY:
		PREPARED FOR: RHS HOLDINGS, LLC	DRAWING NO. FIGURE 2



AMBIENT ENVIRONMENTAL, INC. 828 WASHINGTON AVENUE ALBANY, NEW YORK 12203	PROJECT LOCATION FORMER HOLLOWICK "LOT 1" 314 FAYETTE STREET MANLIUS, NEW YORK	DRAWING TITLE 2018 SITE ACTIVITIES: 314 FAYETTE STREET	DATE: 08/08/18 | SCALE: AS NOTED PROJECT No. 180222ENVA DRAWN BY: MTG CHECKED BY:
		PREPARED FOR: RHS HOLDINGS, LLC	DRAWING NO. FIGURE 3

AMBIENT ENVIRONMENTAL, INC.
828 WASHINGTON AVENUE
ALBANY, NEW YORK 12203

PROJECT LOCATION
FORMER EXPRESS SALES
332 FAYETTE STREET
MANLIUS, NEW YORK

DRAWING TITLE
AREAS OF CONCERN:
332 FAYETTE STREET

PROJECT No. 180222ENVA

PREPARED FOR:
RHS HOLDINGS, LLC

FIGURE 4

Table 1
Volatile Organic Compounds Soil Sample Results
RHS Holdings, LLC
332 Fayette Street, Manlius, NY

Analyte	Unrestricted Use Soil Cleanup Objectives	Commercial Use Soil Cleanup Objectives	Sample ID				
			SB-1	SB-3	SB-10	SB-11	SB-13
			7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018
Volatile Organic Compounds (VOCs)							
Toluene	0.7	500	ND	ND	ND	ND	0.035 J
Ethylbenzene	1	390	0.028 J	ND	ND	**3.6**	0.012 J
p/m-Xylene	0.26	500	0.1 J	ND	ND	**46**	0.043 J
o-Xylene	0.26	500	0.064 J	0.02 J	ND	ND	0.029 J
n-Butylbenzene	12	500	ND	ND	0.11	7.1	ND
sec-Butylbenzene	11	500	ND	ND	0.12	4.2	ND
tert-Butylbenzene	5.9	500	ND	ND	0.014 J	0.4 J	ND
Isopropylbenzene	NS	NS	0.07 J	ND	0.048 J	3.6	ND
p-Isopropyltoluene	NS	NS	ND	ND	0.1	2.5	ND
Naphthalene	12	500	ND	ND	0.11 J	**18**	ND
n-Propylbenzene	3.9	500	ND	ND	0.94	**17**	ND
1,3,5-Trimethylbenzene	8.4	190	ND	ND	ND	**57**	ND
1,2,4-Trimethylbenzene	3.6	190	ND	ND	ND	**170**	ND
1,2-Dichlorobenzene	1.1	500	ND	0.056 J	ND	ND	ND
Methyl cyclohexane	NS	NS	0.091 J	ND	ND	ND	0.12 J

Notes:
All results reported in mg/kg - parts per million (ppm).
ND - Compound not detected.
BOLD- Unrestricted Use SCO exceedence
NS- No Part 375 Residential or Commercial SCO
Only those compounds detected in at least one sample are presented on this table.
J- Estimated value. The target analyte concentration is below the quantitation limit (RL) but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related anaysis

Table 2
Semivolatile Organic Compounds Soil Sample Results
RHS Holdings, LLC
332 Fayette Street, Manlius, NY

Analyte	Unrestricted Use Soil Cleanup Objectives	Commercial Use Soil Cleanup Objectives	Sample ID							
			SB-1	SB-3	SB-4	SB-5	SB-7	SB-10	SB-11	SB-12
			7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018
Semivolatile Organic Compounds (SVOCs)										
Acenaphthene	20	500	0.032 J	0.022 J	ND	ND	ND	ND	ND	0.059 J
Flouranthene	100	500	0.032 J	0.068 J	0.025 J	0.027 J	0.32 J	ND	ND	0.240
Naphthalene	12	500	0.072 J	0.18	ND	ND	ND	ND	ND	0.14 J
Benzo(a)anthracene	1	6	ND	0.03 J	ND	0.032 J	ND	ND	ND	0.094 J
Chrysene	1	56	ND	0.038 J	ND	0.068 J	ND	ND	ND	0.12 J
Fluorene	30	500	0.057 J	0.023 J	ND	ND	0.27 J	ND	ND	0.066 J
Phenanthrene	100	500	0.11 J	0.086 J	0.056 J	0.072 J	0.63 J	ND	0.2 J	0.190
Pyrene	100	500	0.33 J	0.062 J	0.03 J	0.071 J	0.74 J	ND	0.35 J	0.220
2-Methylnaphthalene	NS	NS	0.14 J	0.17 J	ND	ND	ND	ND	ND	0.1 J
Benzo(a)pyrene	1	1	ND	ND	ND	ND	ND	ND	ND	0.11 J
Benzo(b)fluoranthene	1	5.6	ND	ND	ND	ND	ND	ND	ND	0.17 J
Benzo(ghi)perylene	100	500	ND	ND	ND	ND	ND	ND	ND	0.082 J
Ideno(1,2,3-cd)pyrene	0.5	6	ND	ND	ND	ND	ND	ND	ND	0.08 J
Dibenzofuran	NS	NS	0.04 J	ND	ND	ND	ND	ND	ND	0.051 J
3-Methylphenol/4-Methylphenol	NS	NS	ND	ND	ND	ND	ND	ND	ND	0.069 J

Notes:
All results reported in mg/kg - parts per million (ppm).
ND - Compound not detected.
NS- No Part 375 Residential or Commercial SCO.
Only those compounds detected in at least one sample are presented on this table.
Soil sample SB-1 was also analyzed for SVOCs by TCLP and all compounds in the extract were 'not detected'.
J- Estimated value. The target analyte concentration is below the quantitation limit (RL) but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related anaysis

Table 3
Metals Soil Sample Results
RHS Holdings, LLC
332 Fayette Street, Manlius, NY

Analyte	Unrestricted Use Cleanup Objectives (ppm)	Commercial Use Cleanup Objectives (ppm)	Sample ID		
			SB-1	SB-10	SB-11
			7/26/2018	7/26/2018	7/26/2018
Total Metals					
Lead	63	1000	14.2	7.57	7.16
Arsenic	13	16	4.73	NA	NA
Barium	350	400	70.1	NA	NA
Cadmium	2.5	9.3	0.511	NA	NA
Chromium	30	1500	6.67	NA	NA
Mercury	0.18	2.8	0.039 J	NA	NA
Selenium	3.9	1500	0.385 J	NA	NA
Silver	2	1500	ND	NA	NA

Notes:

All results reported in mg/kg - parts per million (ppm).

ND - Compound not detected.

NA - Not analzyed for corresponding parameter.

J- Estimated value. The target analyte concentration is below the quantitation limit (RL) but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related anaysis

Table 4
Polychlorinated Biphenyl Soil and Oil Sample Results
RHS Holdings, LLC
332 Fayette Street, Manlius, NY

Analyte	Unrestricted Use Cleanup Objectives (ppm)	Commercial Use Cleanup Objectives (ppm)	Sample ID						
			PIT	SB-1	SB-4	SB-5	SB-7	SB-10	SB-12
			7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018
Polychlorinated Biphenyls (PCB)									
Aroclor 1242	0.1	1	ND	ND	ND	0.0108 J	0.0491	ND	ND
Aroclor 1260	0.1	1	ND	ND	0.00522 J	0.00693 J	ND	ND	ND

Notes:

All results reported in mg/kg - parts per million (ppm).

ND - Compound not detected.

J- Estimated value. The target analyte concentration is below the quantitation limit (RL) but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related anaysis

Only those compounds detected in at least one sample are presented on this table

Table 5
Volatile Organic Compounds Groundwater Sample Results
RHS Holdings, LLC
332 Fayette Street, Manlius, NY

Analyte	GA STANDARD	Sample ID			
		TW-1	TW-2	TW-3	TW-4
		7/26/2018	7/26/2018	7/26/2018	7/26/2018
Volatile Organic Compounds (VOCs)					
Benzene	1	ND	ND	ND	**23**
Toluene	5	ND	ND	ND	**14 J**
Ethylbenzene	5	ND	ND	ND	**140**
Acetone	50	3.8 J	2.6 J	2.0 J	ND
p/m-Xylene	5	ND	ND	ND	**2000**
Isopropylbenzene	5	ND	ND	ND	**51**
Cyclohexane	NS	ND	ND	ND	21 J
Methyl cyclohexane	NS	ND	ND	ND	19 J

Notes:
All results reported in ug/l - parts per billion (ppb).
ND - Compound not detected.
BOLD- Exceeds NYS Groundwater Standard
NS - No NYS Ambient Water Quality Standard or Guidance Value
J- Estimated value. The target analyte concentration is below the quantitation limit (RL) but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related anaysis
Only those compounds detected in at least one sample are presented on this table

Table 6
Semivolatile Organic Compounds Groundwater Sample Results
RHS Holdings, LLC
332 Fayette Street, Manlius, NY

Analyte	GA GUIDANCE VALUES	Sample ID			
		TW-1	TW-2	TW-3	TW-4
		7/26/2018	7/26/2018	7/26/2018	7/26/2018
Semivolatile Organic Compounds (SVOCs)					
Biphenyl	NS	0.72 J	ND	ND	ND
Dibenzofuran	NS	1.7 J	ND	ND	ND
Carbazole	NS	0.55 J	ND	ND	ND
Acenaphthene	20	2.7	ND	ND	ND
Fluoranthene	50	1.3	ND	0.05 J	1.1 J
Naphthalene	10	5.3	0.05 J	ND	ND
Benzo(a)anthracene	NS	0.22	ND	ND	ND
Benzo(a)pyrene	NS	0.13	ND	ND	ND
Benzo(b)fluoranthene	0.002	**0.15**	ND	ND	ND
Benzo(k)fluoranthene	0.002	**0.06 J**	ND	ND	ND
Chrysene	0.002	**0.23**	ND	ND	ND
Acenephthylene	NS	0.1	ND	ND	ND
Anthracene	50	0.94	ND	ND	ND
Benzo(ghi)perylene	NS	0.08 J	ND	ND	ND
Fluorene	50	2.2	ND	ND	1.5 J
Phenanthrene	50	3.9	0.07 J	0.07 J	2.1 J
Dibenzo(a,h)anthracene	NS	0.02 J	ND	ND	ND
Inden(1,2,3-cd)pyrene	0.002	**0.07**	ND	ND	ND
Pyrene	50	0.96	ND	0.06 J	3.5 J
2-Methylnaphthalene	NS	3.9	ND	ND	100

Notes:
All results reported in ug/l - parts per billion (ppb)
ND - Compound not detected
BOLD- NYS Guidance Value exceedence
NS - No NYS Ambient Water Quality Standard or Guidance Value
J- Estimated value. The target analyte concentration is below the quantitation limit (RL) but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related anaysis
Only those compounds detected in at least one sample are presented on this table

Table 7
Metals Soil Sample Results
RHS Holdings, LLC
314 Fayette Street, Manlius, NY

Analyte	Unrestricted Use Cleanup Objectives (ppm)	Commercial Use Cleanup Objectives (ppm)	Sample ID							
			HSS-1	HSS-2	HSS-3	HSS-4	HSS-5	HSS-6	HSS-7	HSS-8
			7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018	7/26/2018
Total Metals										
Copper	50	270	**982**	**530**	**193**	**214**	30.2	**140**	**50.2**	**93.6**
Lead	63	1000	**16200**	**193**	49	**68.2**	19.2	**69.2**	16	29.8
Nickel	30	310	**32**	17.6	16.7	15.3	10.4	**30.3**	24.9	**30.2**
Arsenic	13	16	NA	6.58	NA	NA	NS	NA	4.56	NA
Barium	350	400	NA	75.8	NA	NA	NS	NA	91.7	NA
Cadmium	2.5	9.3	NA	1.19	NA	NA	NS	NA	0.412 J	NA
Chromium	30	1500	NA	10.4	NA	NA	NS	NA	9.18	NA
Mercury	0.18	2.8	0.083 J	**0.254**	0.118	0.037 J	0.038 J	0.076 J	**9.18**	NA
Selenium	3.9	1500	NA	0.182 J	NA	NA	NS	NA	ND	NA
Silver	2	1500	NA	0.378 J	NA	NA	NS	NA	ND	NA

Notes:

All results reported in mg/kg - parts per million (ppm)

ND - Compound not detected

NA - Sample not analyzed for corresponding parameter

BOLD- Unrestricted Use SCO exceedence

BOLD- Commercial Use SCO exceedence

Only those compounds detected in at least one sample are presented on this table

SAMPLE HSS-7 WAS ALSO ANALYZED FOR HEXAVALENT CHROMIUM, WHICH WAS NOT DETECTED

Table 8
Volatile Organic Compounds Groundwater Sample Results
RHS Holdings, LLC
314 Fayette Street, Manlius, NY

Analyte	GA STANDARD/ GUIDANCE VALUE	Sample ID		
		HTW-1	HTW-2	HTW-3
		7/26/2018	7/26/2018	7/26/2018
Volatile Organic Compounds (VOCs)				
Trichloroethene	5	0.31 J	0.28 J	ND
cis-1,2-Dichloroethene	5	ND	0.98 J	ND
Acetone	50	6.8	ND	3.9 J

Notes:

All results reported in ug/l - parts per billion (ppb).

ND - Compound not detected.

J- Estimated value. The target analyte concentration is below the quantitation limit (RL) but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related anaysis

Only those compounds detected in at least one sample are presented on this table

Attachment A

Boring Logs

Ambient Environmental, Inc.

TEST BORING LOG
BORING NO.: SB-1

PROJECT: RHS Holdings- 332 Fayette Street									Sheet 1 of 1
CLIENT: RHS Holdings, LLC									
AMBIENT PROJECT NO: 180222ENVA									
DRILLING METHOD: Direct Push					SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: Geoprobe					Macrocore	NA	NA	NA	DATE: 7/26/18
DRILLER: Chris Duffy					INSPECTOR: Catey Kielb				
DEPTH IN FT.	SAMPLE NO.	PID reading	REC.	USCS Class	**SOIL DESCRIPTION**				**REMARKS**
1.0			2.5		0- 2'- Concrete and fill				
2.0		3			2'- 3'- Grayish brown, moist, firm silty clay, few rocks				
3.0		Max							
4.0		82			3'- 5'- Blackish brown, wet, firm, clay, few rocks, some black stains with what appeared to be oil residue				Petro Odor
		100							
5.0					5'- 6- Blackish brown, wet, firm, clay, few rocks,				
6.0			3.0		6'- 6.5'- Brown, moist, firm, silty clay, some rocks				
7.0					6.5'- 7'- Brown, moist, firm to hard, sandy silt, some clay				
8.0					7'- 8'- Medium brown, moist, hard, clay				
9.0									
10.0									
11.0									
12.0									
13.0									
14.0									
15.0									
16.0									
17.0					Soil sample collected at 0900 from 3.5' to 5' BGS for TCL VOCs, SVOCs, PCBs, and total RCRA Metals				
18.0									

Ambient Environmental, Inc.

TEST BORING LOG
BORING NO.: SB-2

PROJECT: RHS Holdings- 332 Fayette Street									Sheet 1 of 1
CLIENT: RHS Holdings, LLC									
AMBIENT PROJECT NO: 180222ENVA									
DRILLING METHOD: Direct Push					SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: Geoprobe					Macrocore	NA	NA	NA	DATE: 7/26/18
DRILLER: Chris Duffy					INSPECTOR: Catey Kielb				
DEPTH IN FT.	SAMPLE NO.	PID reading	REC.	USCS Class	**SOIL DESCRIPTION**				**REMARKS**
1.0		0	3.0		0- 2'- Concrete and fill 2'- 2.7'- Grayish brown, dry, firm, silty clay, few rocks				
2.0					2.7'- 3.5'- Grayish brown, moist, firm, silty clay, little rocks				
3.0		0			3.5'- 3.8'- Black, moist, firm, clay				Sewer odor
4.0					3.8'- 5'- Medium brown, moist, firm to hard, silty clay				
5.0		11	3.0		5'- 5.5'- Grayish brown, moist, firm, silty clay, few pebbles				Slight Petro Odor
6.0					5.5'- 6.5'- Gray, wet, loose, sand, little rocks 6.5'- 6.8'- Brownish gray, moist, firm to hard, silty clay, little rocks				
7.0					6.8'- 8'- Medium brown, moist to dry, hard, clay				
8.0									
9.0									
10.0									
11.0									
12.0									
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									

Ambient Environmental, Inc.

TEST BORING LOG
BORING NO.: SB-3

PROJECT: RHS Holdings- 332 Fayette Street									Sheet 1 of 1
CLIENT: RHS Holdings, LLC									
AMBIENT PROJECT NO: 180222ENVA									
DRILLING METHOD: Direct Push					SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: Geoprobe					Macrocore	NA	NA	NA	DATE: 7/26/18
DRILLER: Chris Duffy					INSPECTOR: Catey Kielb				
DEPTH IN FT.	SAMPLE NO.	PID reading	REC.	USCS Class	**SOIL DESCRIPTION**				**REMARKS**
1.0			3.0		0- 2'- Concrete and fill				
		2			2'- 3'- Medium brown, dry, firm, silty clay, rocks, brick fragments				Sewer odor
2.0		Max			3'- 4.5'- Medium brown, dry, firm to hard, silty clay, few rocks,				
3.0		38			1" black spot				
4.0		6			4.5'- 5'- Medium brown, moist to dry, hard, clay, little silt				
5.0									
6.0									
7.0									
8.0									
9.0									
10.0									
11.0									
12.0									
13.0									
14.0									
15.0									
16.0					Hit something hard at 2.5' BGS				
17.0					Soil sample collected at 1030 from 3' to 4.5' for TCL VOCs and SVOCs				
18.0									

Ambient Environmental, Inc.

TEST BORING LOG
BORING NO.: SB-4

PROJECT: RHS Holdings- 332 Fayette Street									Sheet 1 of 1
CLIENT: RHS Holdings, LLC									
AMBIENT PROJECT NO: 180222ENVA									
DRILLING METHOD: Direct Push					SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: Geoprobe					Macrocore	NA	NA	NA	DATE: 7/26/18
DRILLER: Chris Duffy					INSPECTOR: Catey Kielb				
DEPTH IN FT.	SAMPLE NO.	PID reading	REC.	USCS Class	**SOIL DESCRIPTION**				**REMARKS**
1.0			3.0		0- 2'- Concrete, fill				
2.0		10 Max			2'- 3'- Medium brown, dry, loose, rocks fragments				
3.0		65			3'- 3.5'- Medium reddish brown, moist, firm to hard, clay				Slight petro odor
4.0		2			3.5'- 5'- Reddish brown, moist, firm, clay, little rocks				
5.0									
6.0									
7.0									
8.0									
9.0									
10.0									
11.0									
12.0									
13.0									
14.0									
15.0									
16.0									
17.0					Soil sample collected at 1055 from 2.5' to 3.5' BGS for CP-51 SVOCs and PCBs				
18.0									

Ambient Environmental, Inc.

TEST BORING LOG
BORING NO.: SB-5

PROJECT: RHS Holdings- 332 Fayette Street									Sheet 1 of 1
CLIENT: RHS Holdings, LLC									
AMBIENT PROJECT NO: 180222ENVA									
DRILLING METHOD: Direct Push					SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: Geoprobe					Macrocore	NA	NA	NA	DATE: 7/26/18
DRILLER: Chris Duffy					INSPECTOR: Catey Kielb				
DEPTH IN FT.	SAMPLE NO.	PID reading	REC.	USCS Class	**SOIL DESCRIPTION**				**REMARKS**
1.0			3.0		0- 2'- Concrete and fill				
		98			2'- 3'- Gray, moist to dry, firm, silty clay, some black stains				
2.0		300							Petro/oil odor
3.0		35			3'- 5'- Reddish brown, firm to hard, moist to dry, clay, little rocks				
		15							
4.0									
		10							
5.0		4	3.0		5'- 8'- Reddish brown, firm to hard, moist to dry, clay, little rocks				
6.0									
7.0									
8.0									
9.0									
10.0									
11.0									
12.0									
13.0									
14.0									
15.0									
16.0									
17.0					Soil sample collected at 1115 from 2' to 3.5' BGS for CP-51 VOCs, SVOCs, and PCBs				
18.0									

Ambient Environmental, Inc.

TEST BORING LOG
BORING NO.: SB-6

PROJECT: RHS Holdings- 332 Fayette Street									Sheet 1 of 1
CLIENT: RHS Holdings, LLC									
AMBIENT PROJECT NO: 180222ENVA									
DRILLING METHOD: Direct Push					SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: Geoprobe					Macrocore	NA	NA	NA	DATE: 7/26/18
DRILLER: Chris Duffy					INSPECTOR: Catey Kielb				
DEPTH IN FT.	SAMPLE NO.	PID reading	REC.	USCS Class	**SOIL DESCRIPTION**				**REMARKS**
			3.0		0- 2'- Concrete and fill				
1.0									
		80			2'- 2.5'- Grayish brown, moist to dry, firm, silty clay, little rocks				Strong petro/
2.0		90							oil odor
		10			2.5'- 3'- Grayish brown, dry, firm, rocks with little silt				
3.0									
		3			3'- 5'- Reddish brown, moist to dry, hard, clay, little rocks				
4.0									
		0							
5.0									
6.0									
7.0									
8.0									
9.0									
10.0									
11.0									
12.0									
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									

Ambient Environmental, Inc.

TEST BORING LOG
BORING NO.: SB-7

PROJECT: RHS Holdings- 332 Fayette Street									Sheet 1 of 1
CLIENT: RHS Holdings, LLC									
AMBIENT PROJECT NO: 180222ENVA									
DRILLING METHOD: Direct Push					SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: Geoprobe					Macrocore	NA	NA	NA	DATE: 7/26/18
DRILLER: Chris Duffy					INSPECTOR: Catey Kielb				
DEPTH IN FT.	SAMPLE NO.	PID reading	REC.	USCS Class	**SOIL DESCRIPTION**				**REMARKS**
1.0			3.0		0- 2'- Concrete and fill				
2.0					2'- 3'- Rock fragments				
3.0					3'- 3.8'- Dark brown, moist, firm, silt, few clay				
4.0		5			3.8'- 5'- Reddish brown, moist to dry, hard, clay, little rocks				
5.0		100			5'- 6' Medium to dark brown, wet, loose to firm, clayey silt, few pebbles				Petro odor
6.0		90			6'- 6.7'- Medium brown, moist to wet, firm, silty clay				Slight odor
7.0		5			6.7'- 8'- Brown, moist, hard, clay, little sand, silt				
8.0									
9.0									
10.0									
11.0									
12.0									
13.0									
14.0									
15.0									
16.0									
17.0					Soil sample collected at 1230 from 5' to 6.5' BGS for CP-51 SVOCs and PCBs				
18.0									

Ambient Environmental, Inc.

TEST BORING LOG
BORING NO.: SB-8

PROJECT: RHS Holdings- 332 Fayette Street									Sheet 1 of 1
CLIENT: RHS Holdings, LLC									
AMBIENT PROJECT NO: 180222ENVA									
DRILLING METHOD: Direct Push					SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: Geoprobe					Macrocore	NA	NA	NA	DATE: 7/26/18
DRILLER: Chris Duffy					INSPECTOR: Catey Kielb				
DEPTH IN FT.	SAMPLE NO.	PID reading	REC.	USCS Class	**SOIL DESCRIPTION**				**REMARKS**
1.0			3.0		0- 2.5'- Pavement and fill				
2.0		2			2.5'- 3.5'- Dark brown, moist to dry, firm, clayey silt, few rocks organics				
3.0									
4.0		1			3.5'- 5'- Reddish brown, moist to dry, firm to hard, clay, few pebbles				
5.0		0	5.0		5'- 9' Medium reddish brown, dry to moist, hard, clay, few rocks				
6.0									
7.0									
8.0									
9.0					9'- 10'- Black, saturated, loose to firm, fine sand				
10.0		0			10'- 15'- Medium brown, wet to moist, hard, clay, little rocks				
11.0									
12.0									
13.0					Bore hole collapsed at 13' BGS				
14.0									
15.0									
16.0									
17.0					Temporary well set with slotted screen from 5' to 15' BGS				
18.0									

Ambient Environmental, Inc.

TEST BORING LOG
BORING NO.: SB-9

PROJECT: RHS Holdings- 332 Fayette Street									Sheet 1 of 1
CLIENT: RHS Holdings, LLC									
AMBIENT PROJECT NO: 180222ENVA									
DRILLING METHOD: Direct Push					SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: Geoprobe					Macrocore	NA	NA	NA	DATE: 7/26/18
DRILLER: Chris Duffy					INSPECTOR: Catey Kielb				
DEPTH IN FT.	SAMPLE NO.	PID reading	REC.	USCS Class	**SOIL DESCRIPTION**				**REMARKS**
1.0		0	3.5		0- 1.5'- Pavement and fill 1.5'- 2.5'- Medium brown, dry, loose, sand, few silt				
2.0		0			2.5'- 3.5'- Medium brown, moist to dry, firm, silty clay, few pebbles				
3.0					3.5'- 5'- Grayish brown, moist, firm, clay				
4.0									
5.0		0	3.0		5'- 8'- Medium brown, wet, loose, silty clay, rocks				
6.0									
7.0									
8.0									
9.0									
10.0									
11.0									
12.0									
13.0									
14.0									
15.0									
16.0									
17.0									
18.0									

Ambient Environmental, Inc.

TEST BORING LOG
BORING NO.: SB-10

PROJECT: RHS Holdings- 332 Fayette Street									Sheet 1 of 1
CLIENT: RHS Holdings, LLC									
AMBIENT PROJECT NO: 180222ENVA									
DRILLING METHOD: Direct Push					SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: Geoprobe					Macrocore	NA	NA	NA	DATE: 7/26/18
DRILLER: Chris Duffy					INSPECTOR: Catey Kielb				
DEPTH IN FT.	SAMPLE NO.	PID reading	REC.	USCS Class	**SOIL DESCRIPTION**				**REMARKS**
1.0 2.0 3.0 4.0			0.0		No recovery 2'- 4'- Void				
5.0 6.0 7.0 8.0 9.0		80 400 350 5	3.0		5'- 7.5'- Grayish brown, moist, firm to loose, silty clay 7.5'- 8'- Grayish brown, moist, firm, clay, black streaks 8'- 10'- Reddish brown, moist to dry, hard, clay				
10.0 11.0 12.0 13.0 14.0									
15.0 16.0 17.0 18.0					Soil sample collected at 1450 from 7' to 8' BGS for CP-51 VOCs, SVOCs, and Metals (Pb)				

Ambient Environmental, Inc.

TEST BORING LOG
BORING NO.: SB-11

PROJECT: RHS Holdings- 332 Fayette Street									Sheet 1 of 1
CLIENT: RHS Holdings, LLC									
AMBIENT PROJECT NO: 180222ENVA									
DRILLING METHOD: Direct Push					SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: Geoprobe					Macrocore	NA	NA	NA	DATE: 7/26/18
DRILLER: Chris Duffy					INSPECTOR: Catey Kielb				
DEPTH IN FT.	SAMPLE NO.	PID reading	REC.	USCS Class	**SOIL DESCRIPTION**				**REMARKS**
1.0			3.8		0- 1.2'- Pavement/ sub base				
					1.2'- 3.7'- Fill (cinders, pebbles, sand)				
2.0									
3.0									
4.0		418			3.7'- 5'- Gray silt with some clay				Petro/gas odor Potential product
5.0			3.0		5'- 6.6'- Gray silt with some clay				
6.0		400 Max			6.6'- 8.5'- Grayish brown, moist, firm to loose, clayey silt				Strong gasoline odor
7.0		847							
8.0					8.5'- 9'- Medium brown, moist, hard to firm, silty clay				
9.0					9'- 10'- Brown, moist, firm to loose, fine sand				
10.0		30	5.0		10'- 11.5'- Dark brown, wet, loose, fine sand				Slight gas odor
11.0		13			11.5'- 12.5'- Medium brown, moist to wet, firm, silty clay, rocks				
12.0									
		12			12.5'- 15'- Black, moist, firm to loose, fine sand				
13.0									
14.0									
15.0									
16.0					Temporary well set with slotted screen from 5' to 15' BGS				
17.0					Soil sample collected at 1515 from 6.5' to 8' for CP-51 VOCs, SVOCs, and Metals (Pb)				
18.0									

Ambient Environmental, Inc.

TEST BORING LOG
BORING NO.: SB-12

PROJECT: RHS Holdings- 332 Fayette Street									Sheet 1 of 1
CLIENT: RHS Holdings, LLC									
AMBIENT PROJECT NO: 180222ENVA									
DRILLING METHOD: Direct Push					SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: Geoprobe					Macrocore	NA	NA	NA	DATE: 7/26/18
DRILLER: Chris Duffy					INSPECTOR: Catey Kielb				
DEPTH IN FT.	SAMPLE NO.	PID reading	REC.	USCS Class	**SOIL DESCRIPTION**				**REMARKS**
1.0			3.0		0- 2'- Pavement, fill				
2.0		0			2'- 2.5'- Medium brown, dry to moist, firm, silty clay, few rocks wood fragments				
3.0		0			2'- 4'- Dark brown, moist, loose, clayey silt				
4.0		Max 11			4'- 4.1'- Wood fragments 4.1'- 5'- Dark brown, moist to wet, loose, fine sand, some slight staining				Slight petro/oil odor
5.0		5	5.0		5'- 7'- Dark brown, moist to wet, firm, fine sand, little silt				
6.0									
7.0		0			7'- 8'- Black, wet to moist, loose, fine sand				
8.0									
9.0		0			8'- 10'- Brown, moist, hard, clay, few rocks				
10.0		0	5.0		10'- 15'- Reddish brown, moist, hard, clay, few rocks				
11.0									
12.0									
13.0									
14.0									
15.0					Temporary well set with slotted screen from 5' to 15' BGS				
16.0									
17.0					Soil sample collected at 1545 from 2.5' to 4' BGS for CP-51 SVOCs and PCBs.				
18.0									

Ambient Environmental, Inc.

TEST BORING LOG
BORING NO.: SB-13

PROJECT: RHS Holdings- 332 Fayette Street									Sheet 1 of 1
CLIENT: RHS Holdings, LLC									
AMBIENT PROJECT NO: 180222ENVA									
DRILLING METHOD: Direct Push					SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: Geoprobe					Macrocore	NA	NA	NA	DATE: 7/26/18
DRILLER: Chris Duffy					INSPECTOR: Catey Kielb				
DEPTH IN FT.	SAMPLE NO.	PID reading	REC.	USCS Class	**SOIL DESCRIPTION**				**REMARKS**
1.0 2.0 3.0 4.0			4.0		0- 2'- Pavement, fill 2'- 3'- Reddish brown, moist, firm, silty clay 3'- 3.5'- Medium brown, moist, loose, fine grained sand 3.5'-5'- Medium brown, moist to dry, hard, clay, little silt				Solvent odor
5.0 6.0 7.0 8.0 9.0									
10.0 11.0 12.0 13.0 14.0									
15.0 16.0 17.0 18.0					Soil sample collected at 1630 from 0.5' to 2' BGS for TCL VOCs				

Ambient Environmental, Inc.

TEST BORING LOG
BORING NO.: SB-14

PROJECT: RHS Holdings- 332 Fayette Street									Sheet 1 of 1
CLIENT: RHS Holdings, LLC									
AMBIENT PROJECT NO: 180222ENVA									
DRILLING METHOD: Direct Push					SAMPLER	BIT SIZE	CORE	CASING	
DRILLING RIG: Geoprobe					Macrocore	NA	NA	NA	DATE: 7/26/18
DRILLER: Chris Duffy					INSPECTOR: Catey Kielb				
DEPTH IN FT.	SAMPLE NO.	PID reading	REC.	USCS Class	**SOIL DESCRIPTION**				**REMARKS**
1.0 2.0 3.0 4.0		0 0	4.0		0- 2'- Pavement, fill 2'- 3'- Reddish brown, moist, firm, silty clay 3'- 3.5'- Medium brown, moist, loose, fine grained sand 3.5'-5'- Medium brown, moist to dry, hard, clay, little silt				
5.0 6.0 7.0 8.0 9.0		0 0 0	5.0		5'- 6'- Medium brown, moist to dry, hard, clay, little silt 6'- 8.5'- Dark brown/black, moist to wet, firm, fine sand 8.5'- 10'- Brown, moist, hard, clay, few rocks				
10.0 11.0 12.0 13.0 14.0		0	5.0		10'- 15'- Brown, moist, hard, clay, few rocks				
15.0 16.0 17.0 18.0					Temporary well set with slotted screen from 5' to 15' BGS				

Attachment B

Laboratory Results

ANALYTICAL REPORT

Lab Number:	L1829179
Client:	Ambient Environmental 7843 Karakul Lane Fayetteville, NY 13066
ATTN:	Jim Blasting
Phone:	(315) 203-3355
Project Name:	RHS HOLDINGS
Project Number:	18022ENVA
Report Date:	08/13/18

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1829179-01	HTW-1	WATER	332 FAYLITE ST.	07/27/18 09:18	07/27/18
L1829179-02	HTW-2	WATER	332 FAYLITE ST.	07/27/18 09:39	07/27/18
L1829179-03	HTW-3	WATER	332 FAYLITE ST.	07/27/18 10:04	07/27/18
L1829179-04	TW-1	WATER	332 FAYLITE ST.	07/27/18 10:45	07/27/18
L1829179-05	TW-2	WATER	332 FAYLITE ST.	07/27/18 11:00	07/27/18
L1829179-06	TW-3	WATER	332 FAYLITE ST.	07/27/18 11:15	07/27/18
L1829179-07	TW-4	WATER	332 FAYLITE ST.	07/27/18 11:25	07/27/18
L1829179-08	TRIP BLANK	WATER	332 FAYLITE ST.	07/27/18 00:00	07/27/18
L1829179-09	HSS-1	SOIL	332 FAYLITE ST.	07/26/18 11:02	07/27/18
L1829179-10	HSS-2	SOIL	332 FAYLITE ST.	07/26/18 10:54	07/27/18
L1829179-11	HSS-3	SOIL	332 FAYLITE ST.	07/26/18 11:39	07/27/18
L1829179-12	HSS-4	SOIL	332 FAYLITE ST.	07/26/18 11:12	07/27/18
L1829179-13	HSS-5	SOIL	332 FAYLITE ST.	07/26/18 11:25	07/27/18
L1829179-14	HSS-6	SOIL	332 FAYLITE ST.	07/26/18 11:37	07/27/18
L1829179-15	HSS-7	SOIL	332 FAYLITE ST.	07/26/18 10:39	07/27/18
L1829179-16	HSS-8	SOIL	332 FAYLITE ST.	07/26/18 10:44	07/27/18
L1829179-17	PIT 1	OIL	332 FAYLITE ST.	07/26/18 14:27	07/27/18
L1829179-18	SB-1	SOIL	332 FAYLITE ST.	07/26/18 09:00	07/27/18
L1829179-19	SB-3	SOIL	332 FAYLITE ST.	07/26/18 10:30	07/27/18
L1829179-20	SB-4	SOIL	332 FAYLITE ST.	07/26/18 10:55	07/27/18
L1829179-21	SB-5	SOIL	332 FAYLITE ST.	07/26/18 11:15	07/27/18
L1829179-22	SB-7	SOIL	332 FAYLITE ST.	07/26/18 12:30	07/27/18
L1829179-23	SB-10	SOIL	332 FAYLITE ST.	07/26/18 14:50	07/27/18
L1829179-24	SB-11	SOIL	332 FAYLITE ST.	07/26/18 15:15	07/27/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1829179-25	SB-13	SOIL	332 FAYLITE ST.	07/26/18 16:30	07/27/18
L1829179-26	TRIP BLANK	WATER	332 FAYLITE ST.	07/26/18 00:00	07/27/18
L1829179-27	SB-12	SOIL	332 FAYLITE ST.	07/26/18 16:10	07/27/18

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: RHS HOLDINGS **Lab Number:** L1829179
Project Number: 18022ENVA **Report Date:** 08/13/18

Case Narrative (continued)

Report Revision

August 13, 2018: This report includes the results of the Semivolatile Organics analysis performed on L1829179-18. In addition, the Semivolatile Organics analyte list has been amended on L1829179-19 and -27.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L1829179-27: A sample identified as "SB-12" was received but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

Volatile Organics

L1829179-18, -19, -23, -24, and -25: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.
L1829179-18: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.
L1829179-18: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (131%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.
L1829179-19 and -23: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

Semivolatile Organics

L1829179-07 and -22: The sample has elevated detection limits due to the dilution required by the sample matrix.

Project Name: RHS HOLDINGS **Lab Number:** L1829179
Project Number: 18022ENVA **Report Date:** 08/13/18

Case Narrative (continued)

Semivolatile Organics by SIM

L1829179-07: The sample has elevated detection limits due to the dilution required by the sample matrix.

L1829179-07: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

PCBs

L1829179-17: The sample has elevated detection limits due to the dilution required by the sample matrix.

L1829179-21: The internal standard (IS) response for 1-bromo-2-nitrobenzene was above the acceptance criteria; however, the sample was not re-analyzed due to obvious interferences.

L1829179-21: The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (25%) and decachlorobiphenyl (27%) due to interference with the Internal Standard.

Total Metals

L1829179-09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1142293-3 MS recoveries for copper (0%) and lead (0%), performed on L1829179-09, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1142293-4 Laboratory Duplicate RPDs for copper (23%), lead (35%) and nickel (25%), performed on L1829179-09, are outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Hexavalent Chromium

The WG1141826-2 LCS recovery (77%), associated with L1829179-15, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 08/13/18

ORGANICS

VOLATILES

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-01
Client ID: HTW-1
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 09:18
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/31/18 18:48
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.31	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-01
Client ID: HTW-1
Sample Location: 332 FAYLITE ST.
Date Collected: 07/27/18 09:18
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.8		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	98		70-130

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-02
Client ID: HTW-2
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 09:39
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/31/18 19:14
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.28	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-02
Client ID: HTW-2
Sample Location: 332 FAYLITE ST.
Date Collected: 07/27/18 09:39
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.98	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	98		70-130

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-03
Client ID: HTW-3
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 10:04
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/31/18 19:39
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: RHS HOLDINGS **Lab Number:** L1829179

Project Number: 18022ENVA **Report Date:** 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-03 Date Collected: 07/27/18 10:04

Client ID: HTW-3 Date Received: 07/27/18

Sample Location: 332 FAYLITE ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.9	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	99		70-130

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-04
Client ID: TW-1
Sample Location: 332 FAYLITE ST.
Date Collected: 07/27/18 10:45
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/01/18 00:12
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-04
Client ID: TW-1
Sample Location: 332 FAYLITE ST.
Date Collected: 07/27/18 10:45
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-05
Client ID: TW-2
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 11:00
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/01/18 00:37
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-05
Client ID: TW-2
Sample Location: 332 FAYLITE ST.
Date Collected: 07/27/18 11:00
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-06
Client ID: TW-3
Sample Location: 332 FAYLITE ST.
Date Collected: 07/27/18 11:15
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/31/18 18:23
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-06
Client ID: TW-3
Sample Location: 332 FAYLITE ST.
Date Collected: 07/27/18 11:15
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	97		70-130

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-07 D
Client ID: TW-4
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 11:25
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/02/18 12:49
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	ND		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	23		ug/l	10	3.2	20
Toluene	14	J	ug/l	50	14.	20
Ethylbenzene	140		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	ND		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	ND		ug/l	10	3.4	20
trans-1,2-Dichloroethene	ND		ug/l	50	14.	20
Trichloroethene	ND		ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20

Project Name: RHS HOLDINGS **Lab Number:** L1829179

Project Number: 18022ENVA **Report Date:** 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-07 D Date Collected: 07/27/18 11:25

Client ID: TW-4 Date Received: 07/27/18

Sample Location: 332 FAYLITE ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	ND		ug/l	50	14.	20
p/m-Xylene	2000		ug/l	50	14.	20
o-Xylene	ND		ug/l	50	14.	20
cis-1,2-Dichloroethene	ND		ug/l	50	14.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Isopropylbenzene	51		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
Methyl Acetate	ND		ug/l	40	4.7	20
Cyclohexane	21	J	ug/l	200	5.4	20
1,4-Dioxane	ND		ug/l	5000	1200	20
Freon-113	ND		ug/l	50	14.	20
Methyl cyclohexane	19	J	ug/l	200	7.9	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-08
Client ID: TRIP BLANK
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 00:00
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/31/18 20:04
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-08
Client ID: TRIP BLANK
Sample Location: 332 FAYLITE ST.
Date Collected: 07/27/18 00:00
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	99		70-130

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-18 D
Client ID: SB-1
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 09:00
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/02/18 12:21
Analyst: JC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	660	300	2
1,1-Dichloroethane	ND		ug/kg	130	19.	2
Chloroform	ND		ug/kg	200	19.	2
Carbon tetrachloride	ND		ug/kg	130	30.	2
1,2-Dichloropropane	ND		ug/kg	130	17.	2
Dibromochloromethane	ND		ug/kg	130	19.	2
1,1,2-Trichloroethane	ND		ug/kg	130	35.	2
Tetrachloroethene	ND		ug/kg	66	26.	2
Chlorobenzene	ND		ug/kg	66	17.	2
Trichlorofluoromethane	ND		ug/kg	530	92.	2
1,2-Dichloroethane	ND		ug/kg	130	34.	2
1,1,1-Trichloroethane	ND		ug/kg	66	22.	2
Bromodichloromethane	ND		ug/kg	66	14.	2
trans-1,3-Dichloropropene	ND		ug/kg	130	36.	2
cis-1,3-Dichloropropene	ND		ug/kg	66	21.	2
Bromoform	ND		ug/kg	530	33.	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	66	22.	2
Benzene	ND		ug/kg	66	22.	2
Toluene	ND		ug/kg	130	72.	2
Ethylbenzene	28	J	ug/kg	130	19.	2
Chloromethane	ND		ug/kg	530	120	2
Bromomethane	ND		ug/kg	260	77.	2
Vinyl chloride	ND		ug/kg	130	44.	2
Chloroethane	ND		ug/kg	260	60.	2
1,1-Dichloroethene	ND		ug/kg	130	32.	2
trans-1,2-Dichloroethene	ND		ug/kg	200	18.	2
Trichloroethene	ND		ug/kg	66	18.	2
1,2-Dichlorobenzene	ND		ug/kg	260	19.	2

Project Name: RHS HOLDINGS **Lab Number:** L1829179

Project Number: 18022ENVA **Report Date:** 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-18 D Date Collected: 07/26/18 09:00
Client ID: SB-1 Date Received: 07/27/18
Sample Location: 332 FAYLITE ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	260	20.	2
1,4-Dichlorobenzene	ND		ug/kg	260	23.	2
Methyl tert butyl ether	ND		ug/kg	260	27.	2
p/m-Xylene	100	J	ug/kg	260	74.	2
o-Xylene	64	J	ug/kg	130	39.	2
cis-1,2-Dichloroethene	ND		ug/kg	130	23.	2
Styrene	ND		ug/kg	130	26.	2
Dichlorodifluoromethane	ND		ug/kg	1300	120	2
Acetone	ND		ug/kg	1300	640	2
Carbon disulfide	ND		ug/kg	1300	600	2
2-Butanone	ND		ug/kg	1300	300	2
4-Methyl-2-pentanone	ND		ug/kg	1300	170	2
2-Hexanone	ND		ug/kg	1300	160	2
Bromochloromethane	ND		ug/kg	260	27.	2
1,2-Dibromoethane	ND		ug/kg	130	37.	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	400	130	2
Isopropylbenzene	70	J	ug/kg	130	14.	2
1,2,3-Trichlorobenzene	ND		ug/kg	260	43.	2
1,2,4-Trichlorobenzene	ND		ug/kg	260	36.	2
Methyl Acetate	ND		ug/kg	530	130	2
Cyclohexane	ND		ug/kg	1300	72.	2
1,4-Dioxane	ND		ug/kg	13000	4700	2
Freon-113	ND		ug/kg	530	92.	2
Methyl cyclohexane	91	J	ug/kg	530	80.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	**131**	Q	70-130
Dibromofluoromethane	87		70-130

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-19
Client ID: SB-3
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 10:30
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/02/18 11:30
Analyst: JC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	320	140	1
1,1-Dichloroethane	ND		ug/kg	63	9.2	1
Chloroform	ND		ug/kg	95	8.8	1
Carbon tetrachloride	ND		ug/kg	63	14.	1
1,2-Dichloropropane	ND		ug/kg	63	7.9	1
Dibromochloromethane	ND		ug/kg	63	8.8	1
1,1,2-Trichloroethane	ND		ug/kg	63	17.	1
Tetrachloroethene	ND		ug/kg	32	12.	1
Chlorobenzene	ND		ug/kg	32	8.0	1
Trichlorofluoromethane	ND		ug/kg	250	44.	1
1,2-Dichloroethane	ND		ug/kg	63	16.	1
1,1,1-Trichloroethane	ND		ug/kg	32	10.	1
Bromodichloromethane	ND		ug/kg	32	6.9	1
trans-1,3-Dichloropropene	ND		ug/kg	63	17.	1
cis-1,3-Dichloropropene	ND		ug/kg	32	10.	1
Bromoform	ND		ug/kg	250	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	32	10.	1
Benzene	ND		ug/kg	32	10.	1
Toluene	ND		ug/kg	63	34.	1
Ethylbenzene	ND		ug/kg	63	8.9	1
Chloromethane	ND		ug/kg	250	59.	1
Bromomethane	ND		ug/kg	130	37.	1
Vinyl chloride	ND		ug/kg	63	21.	1
Chloroethane	ND		ug/kg	130	28.	1
1,1-Dichloroethene	ND		ug/kg	63	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	95	8.6	1
Trichloroethene	ND		ug/kg	32	8.6	1
1,2-Dichlorobenzene	56	J	ug/kg	130	9.1	1

Project Name: RHS HOLDINGS **Lab Number:** L1829179

Project Number: 18022ENVA **Report Date:** 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-19 Date Collected: 07/26/18 10:30

Client ID: SB-3 Date Received: 07/27/18

Sample Location: 332 FAYLITE ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	130	9.4	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	ND		ug/kg	130	35.	1
o-Xylene	20	J	ug/kg	63	18.	1
cis-1,2-Dichloroethene	ND		ug/kg	63	11.	1
Styrene	ND		ug/kg	63	12.	1
Dichlorodifluoromethane	ND		ug/kg	630	58.	1
Acetone	ND		ug/kg	630	300	1
Carbon disulfide	ND		ug/kg	630	290	1
2-Butanone	ND		ug/kg	630	140	1
4-Methyl-2-pentanone	ND		ug/kg	630	81.	1
2-Hexanone	ND		ug/kg	630	74.	1
Bromochloromethane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	63	18.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	190	63.	1
Isopropylbenzene	ND		ug/kg	63	6.9	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	17.	1
Methyl Acetate	ND		ug/kg	250	60.	1
Cyclohexane	ND		ug/kg	630	34.	1
1,4-Dioxane	ND		ug/kg	6300	2200	1
Freon-113	ND		ug/kg	250	44.	1
Methyl cyclohexane	ND		ug/kg	250	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	87		70-130

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-23
Client ID: SB-10
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 14:50
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/01/18 12:05
Analyst: MKS
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	35	12.	1
Toluene	ND		ug/kg	70	38.	1
Ethylbenzene	ND		ug/kg	70	9.9	1
p/m-Xylene	ND		ug/kg	140	39.	1
o-Xylene	ND		ug/kg	70	20.	1
Xylenes, Total	ND		ug/kg	70	20.	1
n-Butylbenzene	110		ug/kg	70	12.	1
sec-Butylbenzene	120		ug/kg	70	10.	1
tert-Butylbenzene	14	J	ug/kg	140	8.3	1
Isopropylbenzene	48	J	ug/kg	70	7.7	1
p-Isopropyltoluene	100		ug/kg	70	7.7	1
Naphthalene	110	J	ug/kg	280	46.	1
n-Propylbenzene	94		ug/kg	70	12.	1
1,3,5-Trimethylbenzene	ND		ug/kg	140	14.	1
1,2,4-Trimethylbenzene	ND		ug/kg	140	23.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	104		70-130

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-24 D
Client ID: SB-11
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 15:15
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/01/18 12:31
Analyst: MKS
Percent Solids: 68%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	420	140	10
Toluene	ND		ug/kg	850	460	10
Ethylbenzene	3600		ug/kg	850	120	10
p/m-Xylene	46000		ug/kg	1700	480	10
o-Xylene	ND		ug/kg	850	250	10
Xylenes, Total	46000		ug/kg	850	250	10
n-Butylbenzene	7100		ug/kg	850	140	10
sec-Butylbenzene	4200		ug/kg	850	120	10
tert-Butylbenzene	400	J	ug/kg	1700	100	10
Isopropylbenzene	3600		ug/kg	850	92.	10
p-Isopropyltoluene	2500		ug/kg	850	92.	10
Naphthalene	18000		ug/kg	3400	550	10
n-Propylbenzene	17000		ug/kg	850	140	10
1,3,5-Trimethylbenzene	57000		ug/kg	1700	160	10
1,2,4-Trimethylbenzene	170000		ug/kg	1700	280	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	103		70-130

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-25
Client ID: SB-13
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 16:30
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/02/18 11:55
Analyst: JC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	240	110	1
1,1-Dichloroethane	ND		ug/kg	49	7.0	1
Chloroform	ND		ug/kg	73	6.8	1
Carbon tetrachloride	ND		ug/kg	49	11.	1
1,2-Dichloropropane	ND		ug/kg	49	6.1	1
Dibromochloromethane	ND		ug/kg	49	6.8	1
1,1,2-Trichloroethane	ND		ug/kg	49	13.	1
Tetrachloroethene	ND		ug/kg	24	9.5	1
Chlorobenzene	ND		ug/kg	24	6.2	1
Trichlorofluoromethane	ND		ug/kg	190	34.	1
1,2-Dichloroethane	ND		ug/kg	49	12.	1
1,1,1-Trichloroethane	ND		ug/kg	24	8.1	1
Bromodichloromethane	ND		ug/kg	24	5.3	1
trans-1,3-Dichloropropene	ND		ug/kg	49	13.	1
cis-1,3-Dichloropropene	ND		ug/kg	24	7.7	1
Bromoform	ND		ug/kg	190	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	24	8.1	1
Benzene	ND		ug/kg	24	8.1	1
Toluene	35	J	ug/kg	49	26.	1
Ethylbenzene	12	J	ug/kg	49	6.8	1
Chloromethane	ND		ug/kg	190	45.	1
Bromomethane	ND		ug/kg	97	28.	1
Vinyl chloride	ND		ug/kg	49	16.	1
Chloroethane	ND		ug/kg	97	22.	1
1,1-Dichloroethene	ND		ug/kg	49	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	73	6.7	1
Trichloroethene	ND		ug/kg	24	6.7	1
1,2-Dichlorobenzene	ND		ug/kg	97	7.0	1

Project Name: RHS HOLDINGS **Lab Number:** L1829179

Project Number: 18022ENVA **Report Date:** 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-25 Date Collected: 07/26/18 16:30

Client ID: SB-13 Date Received: 07/27/18

Sample Location: 332 FAYLITE ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	97	7.2	1
1,4-Dichlorobenzene	ND		ug/kg	97	8.3	1
Methyl tert butyl ether	ND		ug/kg	97	9.8	1
p/m-Xylene	43	J	ug/kg	97	27.	1
o-Xylene	29	J	ug/kg	49	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	49	8.5	1
Styrene	ND		ug/kg	49	9.5	1
Dichlorodifluoromethane	ND		ug/kg	490	44.	1
Acetone	ND		ug/kg	490	230	1
Carbon disulfide	ND		ug/kg	490	220	1
2-Butanone	ND		ug/kg	490	110	1
4-Methyl-2-pentanone	ND		ug/kg	490	62.	1
2-Hexanone	ND		ug/kg	490	57.	1
Bromochloromethane	ND		ug/kg	97	10.	1
1,2-Dibromoethane	ND		ug/kg	49	14.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	140	48.	1
Isopropylbenzene	ND		ug/kg	49	5.3	1
1,2,3-Trichlorobenzene	ND		ug/kg	97	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	97	13.	1
Methyl Acetate	ND		ug/kg	190	46.	1
Cyclohexane	ND		ug/kg	490	26.	1
1,4-Dioxane	ND		ug/kg	4900	1700	1
Freon-113	ND		ug/kg	190	34.	1
Methyl cyclohexane	120	J	ug/kg	190	29.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	87		70-130

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-26
Client ID: TRIP BLANK
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 00:00
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/31/18 17:26
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	109		70-130

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/31/18 10:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26 Batch: WG1141394-5					
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	107		70-130

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/31/18 20:00
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG1141857-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/31/18 20:00
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG1141857-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/31/18 20:00
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG1141857-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/31/18 11:14
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06,08 Batch: WG1141881-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/31/18 11:14
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06,08 Batch: WG1141881-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/31/18 11:14
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06,08 Batch: WG1141881-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	98		70-130

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/01/18 09:55
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 23-24 Batch: WG1141962-5					
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	82		70-130
Dibromofluoromethane	108		70-130

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/18 08:56
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 18-19,25 Batch: WG1142248-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/18 08:56
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 18-19,25 Batch: WG1142248-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	5000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Tentatively Identified Compounds			
Total TIC Compounds	109	J	ug/kg
Unknown Siloxane	109	J	ug/kg

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/18 08:56
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 18-19,25 Batch: WG1142248-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	88		70-130

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/18 09:52
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1142313-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/18 09:52
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1142313-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/18 09:52
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1142313-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26 Batch: WG1141394-3 WG1141394-4								
Benzene	90		93		70-130	3		20
Toluene	85		88		70-130	3		20
Ethylbenzene	92		95		70-130	3		20
p/m-Xylene	90		95		70-130	5		20
o-Xylene	95		100		70-130	5		20
n-Butylbenzene	97		100		53-136	3		20
sec-Butylbenzene	92		97		70-130	5		20
tert-Butylbenzene	88		93		70-130	6		20
Isopropylbenzene	93		97		70-130	4		20
p-Isopropyltoluene	90		97		70-130	7		20
Naphthalene	**150**	Q	**160**	Q	70-130	6		20
n-Propylbenzene	94		100		69-130	6		20
1,3,5-Trimethylbenzene	95		100		64-130	5		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	115		111		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	114		114		70-130
Dibromofluoromethane	107		106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1141857-3 WG1141857-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	94		95		70-130	1		20
Chloroform	94		94		70-130	0		20
Carbon tetrachloride	83		85		63-132	2		20
1,2-Dichloropropane	95		96		70-130	1		20
Dibromochloromethane	87		89		63-130	2		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	82		85		70-130	4		20
Chlorobenzene	95		97		75-130	2		20
Trichlorofluoromethane	95		100		62-150	5		20
1,2-Dichloroethane	98		99		70-130	1		20
1,1,1-Trichloroethane	86		89		67-130	3		20
Bromodichloromethane	93		94		67-130	1		20
trans-1,3-Dichloropropene	97		97		70-130	0		20
cis-1,3-Dichloropropene	92		93		70-130	1		20
Bromoform	91		92		54-136	1		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	89		90		70-130	1		20
Toluene	93		95		70-130	2		20
Ethylbenzene	93		94		70-130	1		20
Chloromethane	88		90		64-130	2		20
Bromomethane	73		79		39-139	8		20
Vinyl chloride	91		93		55-140	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1141857-3 WG1141857-4								
Chloroethane	91		94		55-138	3		20
1,1-Dichloroethene	84		87		61-145	4		20
trans-1,2-Dichloroethene	86		87		70-130	1		20
Trichloroethene	81		84		70-130	4		20
1,2-Dichlorobenzene	97		99		70-130	2		20
1,3-Dichlorobenzene	99		99		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	85		89		63-130	5		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	89		90		70-130	1		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	82		86		36-147	5		20
Acetone	100		100		58-148	0		20
Carbon disulfide	90		93		51-130	3		20
2-Butanone	94		88		63-138	7		20
4-Methyl-2-pentanone	85		90		59-130	6		20
2-Hexanone	81		84		57-130	4		20
Bromochloromethane	95		96		70-130	1		20
1,2-Dibromoethane	92		93		70-130	1		20
1,2-Dibromo-3-chloropropane	81		84		41-144	4		20
Isopropylbenzene	90		91		70-130	1		20
1,2,3-Trichlorobenzene	85		83		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG1141857-3 WG1141857-4								
1,2,4-Trichlorobenzene	89		87		70-130	2		20
Methyl Acetate	93		95		70-130	2		20
Cyclohexane	83		88		70-130	6		20
1,4-Dioxane	106		106		56-162	0		20
Freon-113	85		88		70-130	3		20
Methyl cyclohexane	73		78		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		107		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	104		105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06,08 Batch: WG1141881-3 WG1141881-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	93		94		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	120		120		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	100		100		54-136	0		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	130		120		64-130	8		20
Bromomethane	**140**	Q	**140**	Q	39-139	0		20
Vinyl chloride	130		130		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06,08 Batch: WG1141881-3 WG1141881-4								
Chloroethane	**150**	Q	**150**	Q	55-138	0		20
1,1-Dichloroethene	95		94		61-145	1		20
trans-1,2-Dichloroethene	96		95		70-130	1		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	97		96		70-130	1		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	100		110		36-147	10		20
Acetone	120		130		58-148	8		20
Carbon disulfide	98		97		51-130	1		20
2-Butanone	**140**	Q	**140**	Q	63-138	0		20
4-Methyl-2-pentanone	110		110		59-130	0		20
2-Hexanone	120		130		57-130	8		20
Bromochloromethane	92		91		70-130	1		20
1,2-Dibromoethane	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	86		88		41-144	2		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	91		92		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06,08 Batch: WG1141881-3 WG1141881-4								
1,2,4-Trichlorobenzene	92		93		70-130	1		20
Methyl Acetate	130		130		70-130	0		20
Cyclohexane	120		120		70-130	0		20
1,4-Dioxane	64		86		56-162	**29**	Q	20
Freon-113	96		99		70-130	3		20
Methyl cyclohexane	98		100		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	117		116		70-130
Toluene-d8	105		106		70-130
4-Bromofluorobenzene	107		107		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 23-24 Batch: WG1141962-3 WG1141962-4								
Benzene	125		126		70-130	1		30
Toluene	107		108		70-130	1		30
Ethylbenzene	106		106		70-130	0		30
p/m-Xylene	111		112		70-130	1		30
o-Xylene	114		112		70-130	2		30
n-Butylbenzene	100		102		70-130	2		30
sec-Butylbenzene	104		105		70-130	1		30
tert-Butylbenzene	106		108		70-130	2		30
Isopropylbenzene	100		94		70-130	6		30
p-Isopropyltoluene	107		108		70-130	1		30
Naphthalene	103		104		70-130	1		30
n-Propylbenzene	99		94		70-130	5		30
1,3,5-Trimethylbenzene	105		102		70-130	3		30
1,2,4-Trimethylbenzene	101		103		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		91		70-130
Toluene-d8	88		89		70-130
4-Bromofluorobenzene	80		80		70-130
Dibromofluoromethane	112		113		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 18-19,25 Batch: WG1142248-3 WG1142248-4								
Methylene chloride	86		85		70-130	1		30
1,1-Dichloroethane	88		85		70-130	3		30
Chloroform	81		80		70-130	1		30
Carbon tetrachloride	75		72		70-130	4		30
1,2-Dichloropropane	90		89		70-130	1		30
Dibromochloromethane	84		84		70-130	0		30
1,1,2-Trichloroethane	94		92		70-130	2		30
Tetrachloroethene	86		83		70-130	4		30
Chlorobenzene	87		85		70-130	2		30
Trichlorofluoromethane	73		**69**	Q	70-139	6		30
1,2-Dichloroethane	76		76		70-130	0		30
1,1,1-Trichloroethane	77		75		70-130	3		30
Bromodichloromethane	78		78		70-130	0		30
trans-1,3-Dichloropropene	90		90		70-130	0		30
cis-1,3-Dichloropropene	83		82		70-130	1		30
Bromoform	87		88		70-130	1		30
1,1,2,2-Tetrachloroethane	97		99		70-130	2		30
Benzene	83		81		70-130	2		30
Toluene	89		86		70-130	3		30
Ethylbenzene	89		86		70-130	3		30
Chloromethane	98		95		52-130	3		30
Bromomethane	79		76		57-147	4		30
Vinyl chloride	76		73		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 18-19,25 Batch: WG1142248-3 WG1142248-4								
Chloroethane	66		62		50-151	6		30
1,1-Dichloroethene	83		78		65-135	6		30
trans-1,2-Dichloroethene	82		80		70-130	2		30
Trichloroethene	80		76		70-130	5		30
1,2-Dichlorobenzene	91		90		70-130	1		30
1,3-Dichlorobenzene	92		90		70-130	2		30
1,4-Dichlorobenzene	92		90		70-130	2		30
Methyl tert butyl ether	80		80		66-130	0		30
p/m-Xylene	88		85		70-130	3		30
o-Xylene	87		85		70-130	2		30
cis-1,2-Dichloroethene	81		80		70-130	1		30
Styrene	88		87		70-130	1		30
Dichlorodifluoromethane	73		70		30-146	4		30
Acetone	99		100		54-140	1		30
Carbon disulfide	81		78		59-130	4		30
2-Butanone	94		96		70-130	2		30
4-Methyl-2-pentanone	98		101		70-130	3		30
2-Hexanone	95		96		70-130	1		30
Bromochloromethane	79		78		70-130	1		30
1,2-Dibromoethane	86		86		70-130	0		30
1,2-Dibromo-3-chloropropane	83		86		68-130	4		30
Isopropylbenzene	95		92		70-130	3		30
1,2,3-Trichlorobenzene	92		91		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 18-19,25 Batch: WG1142248-3 WG1142248-4								
1,2,4-Trichlorobenzene	92		91		70-130	1		30
Methyl Acetate	91		94		51-146	3		30
Cyclohexane	93		89		59-142	4		30
1,4-Dioxane	80		84		65-136	5		30
Freon-113	82		78		50-139	5		30
Methyl cyclohexane	83		79		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		92		70-130
Toluene-d8	108		108		70-130
4-Bromofluorobenzene	107		107		70-130
Dibromofluoromethane	89		90		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1142313-3 WG1142313-4								
Methylene chloride	94		94		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	97		95		63-132	2		20
1,2-Dichloropropane	100		99		70-130	1		20
Dibromochloromethane	94		92		63-130	2		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	88		86		70-130	2		20
Chlorobenzene	95		95		75-130	0		20
Trichlorofluoromethane	100		97		62-150	3		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	98		95		67-130	3		20
Bromodichloromethane	100		98		67-130	2		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	98		96		70-130	2		20
Bromoform	96		94		54-136	2		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	100		98		70-130	2		20
Toluene	100		97		70-130	3		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	110		110		39-139	0		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1142313-3 WG1142313-4								
Chloroethane	**150**	Q	**140**	Q	55-138	7		20
1,1-Dichloroethene	88		85		61-145	3		20
trans-1,2-Dichloroethene	90		87		70-130	3		20
Trichloroethene	96		95		70-130	1		20
1,2-Dichlorobenzene	97		93		70-130	4		20
1,3-Dichlorobenzene	96		94		70-130	2		20
1,4-Dichlorobenzene	97		95		70-130	2		20
Methyl tert butyl ether	100		98		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	92		91		70-130	1		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	81		78		36-147	4		20
Acetone	130		130		58-148	0		20
Carbon disulfide	89		87		51-130	2		20
2-Butanone	**140**	Q	**140**	Q	63-138	0		20
4-Methyl-2-pentanone	110		110		59-130	0		20
2-Hexanone	120		120		57-130	0		20
Bromochloromethane	88		88		70-130	0		20
1,2-Dibromoethane	96		94		70-130	2		20
1,2-Dibromo-3-chloropropane	85		81		41-144	5		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	86		81		70-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1142313-3 WG1142313-4								
1,2,4-Trichlorobenzene	85		82		70-130	4		20
Methyl Acetate	120		120		70-130	0		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	104		106		56-162	2		20
Freon-113	91		87		70-130	4		20
Methyl cyclohexane	95		92		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	117		118		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	105		106		70-130
Dibromofluoromethane	99		100		70-130

SEMIVOLATILES

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-04
Client ID: TW-1
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 10:45
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 08/03/18 13:10
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/02/18 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	0.72	J	ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	1.7	J	ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-04
Client ID: TW-1
Sample Location: 332 FAYLITE ST.
Date Collected: 07/27/18 10:45
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	0.55	J	ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	94		41-149

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-04
Client ID: TW-1
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 10:45
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 08/03/18 11:57
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 08/02/18 08:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	2.7		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	1.3		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	5.3		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.22		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.13		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.15		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.06	J	ug/l	0.10	0.01	1
Chrysene	0.23		ug/l	0.10	0.01	1
Acenaphthylene	0.10		ug/l	0.10	0.01	1
Anthracene	0.94		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.08	J	ug/l	0.10	0.01	1
Fluorene	2.2		ug/l	0.10	0.01	1
Phenanthrene	3.9		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.07	J	ug/l	0.10	0.01	1
Pyrene	0.96		ug/l	0.10	0.02	1
2-Methylnaphthalene	3.9		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-04
Client ID: TW-1
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 10:45
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	83		41-149

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-05
Client ID: TW-2
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 11:00
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 08/03/18 13:39
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/02/18 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-05
Client ID: TW-2
Sample Location: 332 FAYLITE ST.
Date Collected: 07/27/18 11:00
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	99		41-149

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-05
Client ID: TW-2
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 11:00
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 08/03/18 12:23
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 08/02/18 08:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.05	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.07	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-05
Client ID: TW-2
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 11:00
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	93		41-149

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-06
Client ID: TW-3
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 11:15
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 08/03/18 14:07
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/02/18 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-06
Client ID: TW-3
Sample Location: 332 FAYLITE ST.
Date Collected: 07/27/18 11:15
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	99		41-149

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-06
Client ID: TW-3
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 11:15
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 08/03/18 12:49
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 08/02/18 08:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.05	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.07	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.06	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-06
Client ID: TW-3
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 11:15
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	89		41-149

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-07 D
Client ID: TW-4
Sample Location: 332 FAYLITE ST.

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 08/03/18 14:35
Analyst: SZ

Date Collected: 07/27/18 11:25
Date Received: 07/27/18
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 08/02/18 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	20	5.0	10
3,3'-Dichlorobenzidine	ND		ug/l	50	16.	10
2,4-Dinitrotoluene	ND		ug/l	50	12.	10
2,6-Dinitrotoluene	ND		ug/l	50	9.3	10
4-Chlorophenyl phenyl ether	ND		ug/l	20	4.9	10
4-Bromophenyl phenyl ether	ND		ug/l	20	3.8	10
Bis(2-chloroisopropyl)ether	ND		ug/l	20	5.3	10
Bis(2-chloroethoxy)methane	ND		ug/l	50	5.0	10
Hexachlorocyclopentadiene	ND		ug/l	200	6.9	10
Isophorone	ND		ug/l	50	12.	10
Nitrobenzene	ND		ug/l	20	7.7	10
NDPA/DPA	ND		ug/l	20	4.2	10
n-Nitrosodi-n-propylamine	ND		ug/l	50	6.4	10
Bis(2-ethylhexyl)phthalate	ND		ug/l	30	15.	10
Butyl benzyl phthalate	ND		ug/l	50	12.	10
Di-n-butylphthalate	ND		ug/l	50	3.9	10
Di-n-octylphthalate	ND		ug/l	50	13.	10
Diethyl phthalate	ND		ug/l	50	3.8	10
Dimethyl phthalate	ND		ug/l	50	18.	10
Biphenyl	ND		ug/l	20	4.6	10
4-Chloroaniline	ND		ug/l	50	11.	10
2-Nitroaniline	ND		ug/l	50	5.0	10
3-Nitroaniline	ND		ug/l	50	8.1	10
4-Nitroaniline	ND		ug/l	50	8.0	10
Dibenzofuran	ND		ug/l	20	5.0	10
1,2,4,5-Tetrachlorobenzene	ND		ug/l	100	4.4	10
Acetophenone	ND		ug/l	50	5.3	10
2,4,6-Trichlorophenol	ND		ug/l	50	6.1	10

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-07 D
Client ID: TW-4
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 11:25
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	20	3.5	10
2-Chlorophenol	ND		ug/l	20	4.8	10
2,4-Dichlorophenol	ND		ug/l	50	4.1	10
2,4-Dimethylphenol	ND		ug/l	50	18.	10
2-Nitrophenol	ND		ug/l	100	8.5	10
4-Nitrophenol	ND		ug/l	100	6.7	10
2,4-Dinitrophenol	ND		ug/l	200	66.	10
4,6-Dinitro-o-cresol	ND		ug/l	100	18.	10
Phenol	ND		ug/l	50	5.7	10
3-Methylphenol/4-Methylphenol	ND		ug/l	50	4.8	10
2,4,5-Trichlorophenol	ND		ug/l	50	7.7	10
Carbazole	ND		ug/l	20	4.9	10
Atrazine	ND		ug/l	100	7.6	10
Benzaldehyde	ND		ug/l	50	5.3	10
Caprolactam	ND		ug/l	100	33.	10
2,3,4,6-Tetrachlorophenol	ND		ug/l	50	8.4	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	**180**	Q	23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	98		41-149

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-07 D
Client ID: TW-4
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 11:25
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 08/03/18 14:08
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 08/02/18 08:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	5.0	0.72	50
2-Chloronaphthalene	ND		ug/l	10	0.90	50
Fluoranthene	1.1	J	ug/l	5.0	1.0	50
Hexachlorobutadiene	ND		ug/l	25	2.3	50
Naphthalene	350		ug/l	5.0	2.4	50
Benzo(a)anthracene	ND		ug/l	5.0	0.99	50
Benzo(a)pyrene	ND		ug/l	5.0	0.75	50
Benzo(b)fluoranthene	ND		ug/l	5.0	0.58	50
Benzo(k)fluoranthene	ND		ug/l	5.0	0.44	50
Chrysene	ND		ug/l	5.0	0.60	50
Acenaphthylene	ND		ug/l	5.0	0.61	50
Anthracene	ND		ug/l	5.0	0.72	50
Benzo(ghi)perylene	ND		ug/l	5.0	0.68	50
Fluorene	1.5	J	ug/l	5.0	0.73	50
Phenanthrene	2.1	J	ug/l	5.0	1.2	50
Dibenzo(a,h)anthracene	ND		ug/l	5.0	0.64	50
Indeno(1,2,3-cd)pyrene	ND		ug/l	5.0	0.61	50
Pyrene	3.5	J	ug/l	5.0	0.95	50
2-Methylnaphthalene	100		ug/l	5.0	1.1	50
Pentachlorophenol	ND		ug/l	40	0.72	50
Hexachlorobenzene	ND		ug/l	40	0.47	50
Hexachloroethane	ND		ug/l	40	3.2	50

Project Name: RHS HOLDINGS **Lab Number:** L1829179

Project Number: 18022ENVA **Report Date:** 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-07 D
Client ID: TW-4
Sample Location: 332 FAYLITE ST.

Date Collected: 07/27/18 11:25
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	21-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	15-120
2,4,6-Tribromophenol	**0**	Q	10-120
4-Terphenyl-d14	**0**	Q	41-149

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-18
Client ID: SB-1
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 09:00
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/03/18 03:49
Analyst: EK
Percent Solids: 81%
TCLP/SPLP Ext. Date: 07/28/18 21:29

Extraction Method: EPA 3510C
Extraction Date: 08/02/18 16:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		21-120
Phenol-d6	86		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	97		15-120
2,4,6-Tribromophenol	105		10-120
4-Terphenyl-d14	104		33-120

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-18
Client ID: SB-1
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 09:00
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/10/18 00:29
Analyst: ALS
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 08/09/18 10:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	32	J	ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	32	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	72	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	170	J	ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: RHS HOLDINGS **Lab Number:** L1829179

Project Number: 18022ENVA **Report Date:** 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-18 Date Collected: 07/26/18 09:00

Client ID: SB-1 Date Received: 07/27/18

Sample Location: 332 FAYLITE ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	57	J	ug/kg	200	20.	1
Phenanthrene	110	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	33	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	40	J	ug/kg	200	19.	1
2-Methylnaphthalene	140	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	23	J	ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: RHS HOLDINGS **Lab Number:** L1829179

Project Number: 18022ENVA **Report Date:** 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-18 Date Collected: 07/26/18 09:00

Client ID: SB-1 Date Received: 07/27/18

Sample Location: 332 FAYLITE ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	62		18-120

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-19
Client ID: SB-3
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 10:30
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/02/18 19:16
Analyst: PS
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/31/18 17:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	22	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	68	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	180		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	30	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: RHS HOLDINGS **Lab Number:** L1829179

Project Number: 18022ENVA **Report Date:** 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-19 Date Collected: 07/26/18 10:30

Client ID: SB-3 Date Received: 07/27/18

Sample Location: 332 FAYLITE ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	38	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	23	J	ug/kg	180	18.	1
Phenanthrene	86	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	62	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	170	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-19
Client ID: SB-3
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 10:30
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	23		10-136
4-Terphenyl-d14	89		18-120

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-20
Client ID: SB-4
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 10:55
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/02/18 16:00
Analyst: JG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/31/18 17:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Fluoranthene	25	J	ug/kg	110	22.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	56	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	30	J	ug/kg	110	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	90		18-120

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-21
Client ID: SB-5
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 11:15
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/02/18 16:25
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/31/18 17:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Fluoranthene	27	J	ug/kg	120	22.	1
Benzo(a)anthracene	32	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	68	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	72	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	71	J	ug/kg	120	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	92		18-120

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-22 D
Client ID: SB-7
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 12:30
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/03/18 14:24
Analyst: ALS
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/31/18 17:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1600	200	10
Fluoranthene	320	J	ug/kg	1200	220	10
Benzo(a)anthracene	ND		ug/kg	1200	220	10
Benzo(a)pyrene	ND		ug/kg	1600	470	10
Benzo(b)fluoranthene	ND		ug/kg	1200	330	10
Benzo(k)fluoranthene	ND		ug/kg	1200	310	10
Chrysene	ND		ug/kg	1200	200	10
Acenaphthylene	ND		ug/kg	1600	300	10
Anthracene	ND		ug/kg	1200	380	10
Benzo(ghi)perylene	ND		ug/kg	1600	230	10
Fluorene	270	J	ug/kg	1900	190	10
Phenanthrene	630	J	ug/kg	1200	240	10
Dibenzo(a,h)anthracene	ND		ug/kg	1200	220	10
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1600	270	10
Pyrene	740	J	ug/kg	1200	190	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	**150**	Q	23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	111		18-120

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-23
Client ID: SB-10
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 14:50
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/02/18 17:16
Analyst: JG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 07/31/18 17:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Fluoranthene	ND		ug/kg	130	24.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	21.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	96		30-120
4-Terphenyl-d14	98		18-120

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-24 D
Client ID: SB-11
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 15:15
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/03/18 13:12
Analyst: CB
Percent Solids: 68%

Extraction Method: EPA 3546
Extraction Date: 07/31/18 17:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	770	100	4
Fluoranthene	ND		ug/kg	580	110	4
Benzo(a)anthracene	ND		ug/kg	580	110	4
Benzo(a)pyrene	ND		ug/kg	770	230	4
Benzo(b)fluoranthene	ND		ug/kg	580	160	4
Benzo(k)fluoranthene	ND		ug/kg	580	150	4
Chrysene	ND		ug/kg	580	100	4
Acenaphthylene	ND		ug/kg	770	150	4
Anthracene	ND		ug/kg	580	190	4
Benzo(ghi)perylene	ND		ug/kg	770	110	4
Fluorene	ND		ug/kg	960	93.	4
Phenanthrene	200	J	ug/kg	580	120	4
Dibenzo(a,h)anthracene	ND		ug/kg	580	110	4
Indeno(1,2,3-cd)pyrene	ND		ug/kg	770	130	4
Pyrene	350	J	ug/kg	580	96.	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	**148**	Q	23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	111		18-120

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-27
Client ID: SB-12
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 16:10
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 08/02/18 19:41
Analyst: PS
Percent Solids: 54%

Extraction Method: EPA 3546
Extraction Date: 07/31/18 17:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	59	J	ug/kg	240	31.	1
Hexachlorobenzene	ND		ug/kg	180	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	270	41.	1
2-Chloronaphthalene	ND		ug/kg	300	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	300	81.	1
2,4-Dinitrotoluene	ND		ug/kg	300	61.	1
2,6-Dinitrotoluene	ND		ug/kg	300	52.	1
Fluoranthene	240		ug/kg	180	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	300	32.	1
4-Bromophenyl phenyl ether	ND		ug/kg	300	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	360	52.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	330	30.	1
Hexachlorobutadiene	ND		ug/kg	300	44.	1
Hexachlorocyclopentadiene	ND		ug/kg	870	280	1
Hexachloroethane	ND		ug/kg	240	49.	1
Isophorone	ND		ug/kg	270	39.	1
Naphthalene	140	J	ug/kg	300	37.	1
Nitrobenzene	ND		ug/kg	270	45.	1
NDPA/DPA	ND		ug/kg	240	35.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	300	47.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	300	100	1
Butyl benzyl phthalate	ND		ug/kg	300	77.	1
Di-n-butylphthalate	ND		ug/kg	300	58.	1
Di-n-octylphthalate	ND		ug/kg	300	100	1
Diethyl phthalate	ND		ug/kg	300	28.	1
Dimethyl phthalate	ND		ug/kg	300	64.	1
Benzo(a)anthracene	94	J	ug/kg	180	34.	1
Benzo(a)pyrene	110	J	ug/kg	240	74.	1

Project Name: RHS HOLDINGS **Lab Number:** L1829179

Project Number: 18022ENVA **Report Date:** 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-27 Date Collected: 07/26/18 16:10
Client ID: SB-12 Date Received: 07/27/18
Sample Location: 332 FAYLITE ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	170	J	ug/kg	180	51.	1
Benzo(k)fluoranthene	ND		ug/kg	180	49.	1
Chrysene	120	J	ug/kg	180	32.	1
Acenaphthylene	ND		ug/kg	240	47.	1
Anthracene	ND		ug/kg	180	59.	1
Benzo(ghi)perylene	82	J	ug/kg	240	36.	1
Fluorene	66	J	ug/kg	300	30.	1
Phenanthrene	190		ug/kg	180	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	180	35.	1
Indeno(1,2,3-cd)pyrene	80	J	ug/kg	240	42.	1
Pyrene	220		ug/kg	180	30.	1
Biphenyl	ND		ug/kg	690	70.	1
4-Chloroaniline	ND		ug/kg	300	55.	1
2-Nitroaniline	ND		ug/kg	300	59.	1
3-Nitroaniline	ND		ug/kg	300	57.	1
4-Nitroaniline	ND		ug/kg	300	120	1
Dibenzofuran	51	J	ug/kg	300	29.	1
2-Methylnaphthalene	100	J	ug/kg	360	37.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	300	32.	1
Acetophenone	ND		ug/kg	300	38.	1
2,4,6-Trichlorophenol	ND		ug/kg	180	58.	1
p-Chloro-m-cresol	ND		ug/kg	300	45.	1
2-Chlorophenol	ND		ug/kg	300	36.	1
2,4-Dichlorophenol	ND		ug/kg	270	49.	1
2,4-Dimethylphenol	ND		ug/kg	300	100	1
2-Nitrophenol	ND		ug/kg	660	110	1
4-Nitrophenol	ND		ug/kg	420	120	1
2,4-Dinitrophenol	ND		ug/kg	1400	140	1
4,6-Dinitro-o-cresol	ND		ug/kg	790	140	1
Pentachlorophenol	ND		ug/kg	240	67.	1
Phenol	ND		ug/kg	300	46.	1
2-Methylphenol	ND		ug/kg	300	47.	1
3-Methylphenol/4-Methylphenol	69	J	ug/kg	440	48.	1
2,4,5-Trichlorophenol	ND		ug/kg	300	58.	1
Carbazole	ND		ug/kg	300	30.	1
Atrazine	ND		ug/kg	240	110	1
Benzaldehyde	ND		ug/kg	400	82.	1

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-27
Client ID: SB-12
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 16:10
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	300	92.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	300	61.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	82		18-120

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/18 14:08
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/31/18 11:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19-24,27 Batch: WG1141304-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/18 14:08
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/31/18 11:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19-24,27 Batch: WG1141304-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/18 14:08
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/31/18 11:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19-24,27 Batch: WG1141304-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	100		25-120
Phenol-d6	100		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	94		18-120

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/03/18 10:47
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/02/18 08:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-07 Batch: WG1142136-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/03/18 10:47
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/02/18 08:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-07 Batch: WG1142136-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Tentatively Identified Compounds

Total TIC Compounds	13.9	J	ug/l
Aldol Condensates	13.9	J	ug/l

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/03/18 10:47
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 08/02/18 08:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-07 Batch: WG1142136-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	44		10-120
4-Terphenyl-d14	81		41-149

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 08/03/18 10:13
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 08/02/18 08:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04-07 Batch: WG1142150-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 08/03/18 10:13
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 08/02/18 08:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04-07 Batch: WG1142150-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	67		41-149

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/03/18 01:42
Analyst: EK
TCLP/SPLP Extraction Date: 07/28/18 21:29

Extraction Method: EPA 3510C
Extraction Date: 08/02/18 16:11

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 18 Batch: WG1142378-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		21-120
Phenol-d6	78		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	104		33-120

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/10/18 01:06
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 08/09/18 10:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG1144614-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/10/18 01:06
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 08/09/18 10:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG1144614-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/10/18 01:06
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 08/09/18 10:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG1144614-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	91		18-120

Lab Control Sample Analysis

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-24,27 Batch: WG1141304-2 WG1141304-3								
Acenaphthene	85		86		31-137	1		50
Hexachlorobenzene	90		86		40-140	5		50
Bis(2-chloroethyl)ether	86		89		40-140	3		50
2-Chloronaphthalene	84		91		40-140	8		50
3,3'-Dichlorobenzidine	56		60		40-140	7		50
2,4-Dinitrotoluene	90		90		40-132	0		50
2,6-Dinitrotoluene	88		91		40-140	3		50
Fluoranthene	87		93		40-140	7		50
4-Chlorophenyl phenyl ether	82		84		40-140	2		50
4-Bromophenyl phenyl ether	85		86		40-140	1		50
Bis(2-chloroisopropyl)ether	88		90		40-140	2		50
Bis(2-chloroethoxy)methane	85		88		40-117	3		50
Hexachlorobutadiene	82		86		40-140	5		50
Hexachlorocyclopentadiene	81		83		40-140	2		50
Hexachloroethane	79		83		40-140	5		50
Isophorone	87		91		40-140	4		50
Naphthalene	83		86		40-140	4		50
Nitrobenzene	87		88		40-140	1		50
NDPA/DPA	88		88		36-157	0		50
n-Nitrosodi-n-propylamine	85		89		32-121	5		50
Bis(2-ethylhexyl)phthalate	94		98		40-140	4		50
Butyl benzyl phthalate	91		100		40-140	9		50
Di-n-butylphthalate	89		94		40-140	5		50

Lab Control Sample Analysis
Batch Quality Control

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-24,27 Batch: WG1141304-2 WG1141304-3								
Di-n-octylphthalate	95		101		40-140	6		50
Diethyl phthalate	90		90		40-140	0		50
Dimethyl phthalate	89		88		40-140	1		50
Benzo(a)anthracene	85		90		40-140	6		50
Benzo(a)pyrene	91		98		40-140	7		50
Benzo(b)fluoranthene	90		95		40-140	5		50
Benzo(k)fluoranthene	88		92		40-140	4		50
Chrysene	87		91		40-140	4		50
Acenaphthylene	84		87		40-140	4		50
Anthracene	88		92		40-140	4		50
Benzo(ghi)perylene	89		92		40-140	3		50
Fluorene	88		88		40-140	0		50
Phenanthrene	85		89		40-140	5		50
Dibenzo(a,h)anthracene	88		92		40-140	4		50
Indeno(1,2,3-cd)pyrene	90		93		40-140	3		50
Pyrene	85		90		35-142	6		50
Biphenyl	89		92		54-104	3		50
4-Chloroaniline	80		85		40-140	6		50
2-Nitroaniline	90		94		47-134	4		50
3-Nitroaniline	75		76		26-129	1		50
4-Nitroaniline	86		89		41-125	3		50
Dibenzofuran	86		87		40-140	1		50
2-Methylnaphthalene	83		86		40-140	4		50

Lab Control Sample Analysis
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-24,27 Batch: WG1141304-2 WG1141304-3								
1,2,4,5-Tetrachlorobenzene	84		86		40-117	2		50
Acetophenone	89		93		14-144	4		50
2,4,6-Trichlorophenol	89		92		30-130	3		50
p-Chloro-m-cresol	92		94		26-103	2		50
2-Chlorophenol	86		88		25-102	2		50
2,4-Dichlorophenol	86		93		30-130	8		50
2,4-Dimethylphenol	89		92		30-130	3		50
2-Nitrophenol	86		91		30-130	6		50
4-Nitrophenol	102		102		11-114	0		50
2,4-Dinitrophenol	87		88		4-130	1		50
4,6-Dinitro-o-cresol	87		93		10-130	7		50
Pentachlorophenol	87		86		17-109	1		50
Phenol	84		87		26-90	4		50
2-Methylphenol	86		88		30-130.	2		50
3-Methylphenol/4-Methylphenol	86		90		30-130	5		50
2,4,5-Trichlorophenol	88		90		30-130	2		50
Carbazole	88		91		54-128	3		50
Atrazine	93		93		40-140	0		50
Benzaldehyde	78		82		40-140	5		50
Caprolactam	106		103		15-130	3		50
2,3,4,6-Tetrachlorophenol	86		89		40-140	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-24,27 Batch: WG1141304-2 WG1141304-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	88		91		25-120
Phenol-d6	88		94		10-120
Nitrobenzene-d5	86		91		23-120
2-Fluorobiphenyl	84		85		30-120
2,4,6-Tribromophenol	86		88		10-136
4-Terphenyl-d14	83		89		18-120

Lab Control Sample Analysis

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-07 Batch: WG1142136-2 WG1142136-3								
Bis(2-chloroethyl)ether	76		71		40-140	7		30
3,3'-Dichlorobenzidine	69		66		40-140	4		30
2,4-Dinitrotoluene	81		82		48-143	1		30
2,6-Dinitrotoluene	86		87		40-140	1		30
4-Chlorophenyl phenyl ether	82		79		40-140	4		30
4-Bromophenyl phenyl ether	82		79		40-140	4		30
Bis(2-chloroisopropyl)ether	74		68		40-140	8		30
Bis(2-chloroethoxy)methane	79		73		40-140	8		30
Hexachlorocyclopentadiene	58		60		40-140	3		30
Isophorone	78		74		40-140	5		30
Nitrobenzene	76		71		40-140	7		30
NDPA/DPA	84		82		40-140	2		30
n-Nitrosodi-n-propylamine	81		76		29-132	6		30
Bis(2-ethylhexyl)phthalate	84		89		40-140	6		30
Butyl benzyl phthalate	82		83		40-140	1		30
Di-n-butylphthalate	81		81		40-140	0		30
Di-n-octylphthalate	82		84		40-140	2		30
Diethyl phthalate	83		83		40-140	0		30
Dimethyl phthalate	84		83		40-140	1		30
Biphenyl	80		77		40-140	4		30
4-Chloroaniline	57		62		40-140	8		30
2-Nitroaniline	80		82		52-143	2		30
3-Nitroaniline	78		79		25-145	1		30

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-07 Batch: WG1142136-2 WG1142136-3								
4-Nitroaniline	80		80		51-143	0		30
Dibenzofuran	81		78		40-140	4		30
1,2,4,5-Tetrachlorobenzene	74		71		2-134	4		30
Acetophenone	76		69		39-129	10		30
2,4,6-Trichlorophenol	79		80		30-130	1		30
p-Chloro-m-cresol	82		80		23-97	2		30
2-Chlorophenol	76		70		27-123	8		30
2,4-Dichlorophenol	82		80		30-130	2		30
2,4-Dimethylphenol	78		73		30-130	7		30
2-Nitrophenol	83		78		30-130	6		30
4-Nitrophenol	66		68		10-80	3		30
2,4-Dinitrophenol	64		66		20-130	3		30
4,6-Dinitro-o-cresol	78		78		20-164	0		30
Phenol	58		55		12-110	5		30
3-Methylphenol/4-Methylphenol	76		72		30-130	5		30
2,4,5-Trichlorophenol	85		84		30-130	1		30
Carbazole	84		82		55-144	2		30
Atrazine	83		83		40-140	0		30
Benzaldehyde	76		72		40-140	5		30
Caprolactam	38		42		10-130	10		30
2,3,4,6-Tetrachlorophenol	86		82		40-140	5		30

Lab Control Sample Analysis

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-07 Batch: WG1142136-2 WG1142136-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		60		21-120
Phenol-d6	54		51		10-120
Nitrobenzene-d5	77		72		23-120
2-Fluorobiphenyl	81		74		15-120
2,4,6-Tribromophenol	80		82		10-120
4-Terphenyl-d14	93		92		41-149

Lab Control Sample Analysis
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04-07 Batch: WG1142150-2 WG1142150-3								
Acenaphthene	79		72		40-140	9		40
2-Chloronaphthalene	66		62		40-140	6		40
Fluoranthene	82		74		40-140	10		40
Hexachlorobutadiene	59		58		40-140	2		40
Naphthalene	64		61		40-140	5		40
Benzo(a)anthracene	84		75		40-140	11		40
Benzo(a)pyrene	78		69		40-140	12		40
Benzo(b)fluoranthene	78		67		40-140	15		40
Benzo(k)fluoranthene	83		76		40-140	9		40
Chrysene	83		73		40-140	13		40
Acenaphthylene	79		72		40-140	9		40
Anthracene	82		73		40-140	12		40
Benzo(ghi)perylene	86		76		40-140	12		40
Fluorene	83		75		40-140	10		40
Phenanthrene	78		71		40-140	9		40
Dibenzo(a,h)anthracene	84		74		40-140	13		40
Indeno(1,2,3-cd)pyrene	79		70		40-140	12		40
Pyrene	80		72		40-140	11		40
2-Methylnaphthalene	67		62		40-140	8		40
Pentachlorophenol	82		76		40-140	8		40
Hexachlorobenzene	72		67		40-140	7		40
Hexachloroethane	59		58		40-140	2		40

Lab Control Sample Analysis

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04-07 Batch: WG1142150-2 WG1142150-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		47		21-120
Phenol-d6	43		40		10-120
Nitrobenzene-d5	66		63		23-120
2-Fluorobiphenyl	67		63		15-120
2,4,6-Tribromophenol	81		73		10-120
4-Terphenyl-d14	79		73		41-149

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 18 Batch: WG1142378-2 WG1142378-3								
Hexachlorobenzene	86		115		40-140	29		30
2,4-Dinitrotoluene	88		114		40-132	26		30
Hexachlorobutadiene	74		102		28-111	**32**	Q	30
Hexachloroethane	70		95		21-105	30		30
Nitrobenzene	81		110		40-140	30		30
2,4,6-Trichlorophenol	88		116		30-130	27		30
Pentachlorophenol	87		**114**	Q	9-103	27		30
2-Methylphenol	83		111		30-130	29		30
3-Methylphenol/4-Methylphenol	84		111		30-130	28		30
2,4,5-Trichlorophenol	90		120		30-130	29		30
Pyridine	16		**72**	Q	10-66	**127**	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	78		104		21-120
Phenol-d6	78		103		10-120
Nitrobenzene-d5	83		115		23-120
2-Fluorobiphenyl	86		112		15-120
2,4,6-Tribromophenol	93		**122**	Q	10-120
4-Terphenyl-d14	91		119		33-120

Lab Control Sample Analysis
Batch Quality Control

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG1144614-2 WG1144614-3								
Acenaphthene	80		80		31-137	0		50
Hexachlorobenzene	83		83		40-140	0		50
Bis(2-chloroethyl)ether	66		72		40-140	9		50
2-Chloronaphthalene	79		83		40-140	5		50
3,3'-Dichlorobenzidine	68		71		40-140	4		50
2,4-Dinitrotoluene	85		85		40-132	0		50
2,6-Dinitrotoluene	83		83		40-140	0		50
Fluoranthene	84		87		40-140	4		50
4-Chlorophenyl phenyl ether	83		84		40-140	1		50
4-Bromophenyl phenyl ether	85		82		40-140	4		50
Bis(2-chloroisopropyl)ether	66		75		40-140	13		50
Bis(2-chloroethoxy)methane	77		83		40-117	8		50
Hexachlorobutadiene	70		71		40-140	1		50
Hexachlorocyclopentadiene	75		81		40-140	8		50
Hexachloroethane	56		68		40-140	19		50
Isophorone	78		84		40-140	7		50
Naphthalene	73		78		40-140	7		50
Nitrobenzene	70		77		40-140	10		50
NDPA/DPA	83		84		36-157	1		50
n-Nitrosodi-n-propylamine	75		83		32-121	10		50
Bis(2-ethylhexyl)phthalate	83		89		40-140	7		50
Butyl benzyl phthalate	83		88		40-140	6		50
Di-n-butylphthalate	83		90		40-140	8		50

Lab Control Sample Analysis
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Project Name: RHS HOLDINGS
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG1144614-2 WG1144614-3								
Di-n-octylphthalate	83		89		40-140	7		50
Diethyl phthalate	86		84		40-140	2		50
Dimethyl phthalate	85		88		40-140	3		50
Benzo(a)anthracene	77		82		40-140	6		50
Benzo(a)pyrene	79		86		40-140	8		50
Benzo(b)fluoranthene	78		89		40-140	13		50
Benzo(k)fluoranthene	81		84		40-140	4		50
Chrysene	81		86		40-140	6		50
Acenaphthylene	81		85		40-140	5		50
Anthracene	81		87		40-140	7		50
Benzo(ghi)perylene	80		85		40-140	6		50
Fluorene	83		84		40-140	1		50
Phenanthrene	81		84		40-140	4		50
Dibenzo(a,h)anthracene	80		84		40-140	5		50
Indeno(1,2,3-cd)pyrene	82		83		40-140	1		50
Pyrene	82		89		35-142	8		50
Biphenyl	83		86		54-104	4		50
4-Chloroaniline	55		58		40-140	5		50
2-Nitroaniline	78		83		47-134	6		50
3-Nitroaniline	68		67		26-129	1		50
4-Nitroaniline	80		79		41-125	1		50
Dibenzofuran	83		84		40-140	1		50
2-Methylnaphthalene	76		80		40-140	5		50

Lab Control Sample Analysis
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG1144614-2 WG1144614-3								
1,2,4,5-Tetrachlorobenzene	77		82		40-117	6		50
Acetophenone	76		81		14-144	6		50
2,4,6-Trichlorophenol	82		84		30-130	2		50
p-Chloro-m-cresol	83		88		26-103	6		50
2-Chlorophenol	71		77		25-102	8		50
2,4-Dichlorophenol	81		85		30-130	5		50
2,4-Dimethylphenol	88		94		30-130	7		50
2-Nitrophenol	74		84		30-130	13		50
4-Nitrophenol	82		82		11-114	0		50
2,4-Dinitrophenol	68		68		4-130	0		50
4,6-Dinitro-o-cresol	79		82		10-130	4		50
Pentachlorophenol	82		80		17-109	2		50
Phenol	74		83		26-90	11		50
2-Methylphenol	81		88		30-130.	8		50
3-Methylphenol/4-Methylphenol	76		83		30-130	9		50
2,4,5-Trichlorophenol	84		87		30-130	4		50
Carbazole	81		88		54-128	8		50
Atrazine	87		94		40-140	8		50
Benzaldehyde	54		63		40-140	15		50
Caprolactam	84		87		15-130	4		50
2,3,4,6-Tetrachlorophenol	85		84		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG1144614-2 WG1144614-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	72		81		25-120
Phenol-d6	79		89		10-120
Nitrobenzene-d5	71		81		23-120
2-Fluorobiphenyl	82		86		30-120
2,4,6-Tribromophenol	88		84		10-136
4-Terphenyl-d14	85		88		18-120

PCBS

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-17 D
Client ID: PIT 1
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 14:27
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Oil
Analytical Method: 21,-
Analytical Date: 08/01/18 16:22
Analyst: HT
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3580A
Extraction Date: 08/01/18 08:37
Cleanup Method: EPA 3665A
Cleanup Date: 08/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 08/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
PCBs in Oil by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	23.6	1.94	5	A
Aroclor 1221	ND		mg/kg	23.6	2.40	5	A
Aroclor 1232	ND		mg/kg	23.6	1.80	5	A
Aroclor 1242	ND		mg/kg	23.6	1.89	5	A
Aroclor 1248	ND		mg/kg	23.6	1.22	5	A
Aroclor 1254	ND		mg/kg	23.6	2.10	5	A
Aroclor 1260	ND		mg/kg	23.6	1.78	5	A
Aroclor 1262	ND		mg/kg	23.6	1.50	5	A
Aroclor 1268	ND		mg/kg	23.6	1.66	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	46		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-18
Client ID: SB-1
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 09:00
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/02/18 06:09
Analyst: HT
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 07/31/18 19:16
Cleanup Method: EPA 3665A
Cleanup Date: 08/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 08/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.6	4.49	1	A
Aroclor 1221	ND		ug/kg	39.6	6.02	1	A
Aroclor 1232	ND		ug/kg	39.6	3.89	1	A
Aroclor 1242	ND		ug/kg	39.6	4.84	1	A
Aroclor 1248	ND		ug/kg	39.6	4.44	1	A
Aroclor 1254	ND		ug/kg	39.6	3.23	1	A
Aroclor 1260	ND		ug/kg	39.6	4.13	1	A
Aroclor 1262	ND		ug/kg	39.6	3.25	1	A
Aroclor 1268	ND		ug/kg	39.6	2.80	1	A
PCBs, Total	ND		ug/kg	39.6	2.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-20
Client ID: SB-4
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 10:55
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/02/18 06:22
Analyst: HT
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/31/18 19:16
Cleanup Method: EPA 3665A
Cleanup Date: 08/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 08/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	4.08	1	A
Aroclor 1221	ND		ug/kg	36.0	5.48	1	A
Aroclor 1232	ND		ug/kg	36.0	3.54	1	A
Aroclor 1242	ND		ug/kg	36.0	4.41	1	A
Aroclor 1248	ND		ug/kg	36.0	4.04	1	A
Aroclor 1254	ND		ug/kg	36.0	2.94	1	A
Aroclor 1260	5.22	J	ug/kg	36.0	3.76	1	A
Aroclor 1262	ND		ug/kg	36.0	2.96	1	A
Aroclor 1268	ND		ug/kg	36.0	2.55	1	A
PCBs, Total	5.22	J	ug/kg	36.0	2.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	32		30-150	A
2,4,5,6-Tetrachloro-m-xylene	38		30-150	B
Decachlorobiphenyl	37		30-150	B

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-21
Client ID: SB-5
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 11:15
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/03/18 09:35
Analyst: WR
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 08/02/18 22:57
Cleanup Method: EPA 3665A
Cleanup Date: 08/03/18
Cleanup Method: EPA 3660B
Cleanup Date: 08/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.8	4.51	1	B
Aroclor 1221	ND		ug/kg	39.8	6.05	1	B
Aroclor 1232	ND		ug/kg	39.8	3.91	1	B
Aroclor 1242	10.8	J	ug/kg	39.8	4.87	1	B
Aroclor 1248	ND		ug/kg	39.8	4.46	1	B
Aroclor 1254	ND		ug/kg	39.8	3.24	1	B
Aroclor 1260	6.93	J	ug/kg	39.8	4.15	1	B
Aroclor 1262	ND		ug/kg	39.8	3.27	1	B
Aroclor 1268	ND		ug/kg	39.8	2.82	1	B
PCBs, Total	17.7	J	ug/kg	39.8	2.82	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**25**	Q	30-150	A
Decachlorobiphenyl	**27**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-22
Client ID: SB-7
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 12:30
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/03/18 09:48
Analyst: WR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 08/02/18 22:57
Cleanup Method: EPA 3665A
Cleanup Date: 08/03/18
Cleanup Method: EPA 3660B
Cleanup Date: 08/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.7	4.27	1	A
Aroclor 1221	ND		ug/kg	37.7	5.74	1	A
Aroclor 1232	ND		ug/kg	37.7	3.71	1	A
Aroclor 1242	49.1		ug/kg	37.7	4.61	1	B
Aroclor 1248	ND		ug/kg	37.7	4.23	1	A
Aroclor 1254	ND		ug/kg	37.7	3.08	1	A
Aroclor 1260	ND		ug/kg	37.7	3.93	1	A
Aroclor 1262	ND		ug/kg	37.7	3.10	1	A
Aroclor 1268	ND		ug/kg	37.7	2.67	1	A
PCBs, Total	49.1		ug/kg	37.7	2.67	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-23
Client ID: SB-10
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 14:50
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/03/18 10:01
Analyst: WR
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 08/02/18 22:57
Cleanup Method: EPA 3665A
Cleanup Date: 08/03/18
Cleanup Method: EPA 3660B
Cleanup Date: 08/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.8	4.62	1	A
Aroclor 1221	ND		ug/kg	40.8	6.21	1	A
Aroclor 1232	ND		ug/kg	40.8	4.01	1	A
Aroclor 1242	ND		ug/kg	40.8	4.99	1	A
Aroclor 1248	ND		ug/kg	40.8	4.58	1	A
Aroclor 1254	ND		ug/kg	40.8	3.33	1	A
Aroclor 1260	ND		ug/kg	40.8	4.26	1	A
Aroclor 1262	ND		ug/kg	40.8	3.35	1	A
Aroclor 1268	ND		ug/kg	40.8	2.89	1	A
PCBs, Total	ND		ug/kg	40.8	2.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-27
Client ID: SB-12
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 16:10
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 08/03/18 10:14
Analyst: WR
Percent Solids: 54%

Extraction Method: EPA 3546
Extraction Date: 08/02/18 22:57
Cleanup Method: EPA 3665A
Cleanup Date: 08/03/18
Cleanup Method: EPA 3660B
Cleanup Date: 08/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.8	7.01	1	A
Aroclor 1221	ND		ug/kg	61.8	9.41	1	A
Aroclor 1232	ND		ug/kg	61.8	6.08	1	A
Aroclor 1242	ND		ug/kg	61.8	7.57	1	A
Aroclor 1248	ND		ug/kg	61.8	6.94	1	A
Aroclor 1254	ND		ug/kg	61.8	5.04	1	A
Aroclor 1260	ND		ug/kg	61.8	6.45	1	A
Aroclor 1262	ND		ug/kg	61.8	5.08	1	A
Aroclor 1268	ND		ug/kg	61.8	4.38	1	A
PCBs, Total	ND		ug/kg	61.8	4.38	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/01/18 08:11
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 07/31/18 19:16
Cleanup Method: EPA 3665A
Cleanup Date: 08/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 08/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 18,20 Batch: WG1141493-1						
Aroclor 1016	ND		ug/kg	33.0	3.74	A
Aroclor 1221	ND		ug/kg	33.0	5.02	A
Aroclor 1232	ND		ug/kg	33.0	3.24	A
Aroclor 1242	ND		ug/kg	33.0	4.03	A
Aroclor 1248	ND		ug/kg	33.0	3.70	A
Aroclor 1254	ND		ug/kg	33.0	2.69	A
Aroclor 1260	ND		ug/kg	33.0	3.44	A
Aroclor 1262	ND		ug/kg	33.0	2.71	A
Aroclor 1268	ND		ug/kg	33.0	2.33	A
PCBs, Total	ND		ug/kg	33.0	2.33	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 21,-
Analytical Date: 08/01/18 17:00
Analyst: HT

Extraction Method: EPA 3580A
Extraction Date: 08/01/18 08:37
Cleanup Method: EPA 3665A
Cleanup Date: 08/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 08/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
PCBs in Oil by GC - Westborough Lab for sample(s): 17 Batch: WG1141694-1						
Aroclor 1016	ND		mg/kg	4.69	0.384	A
Aroclor 1221	ND		mg/kg	4.69	0.475	A
Aroclor 1232	ND		mg/kg	4.69	0.357	A
Aroclor 1242	ND		mg/kg	4.69	0.374	A
Aroclor 1248	ND		mg/kg	4.69	0.242	A
Aroclor 1254	ND		mg/kg	4.69	0.415	A
Aroclor 1260	ND		mg/kg	4.69	0.354	A
Aroclor 1262	ND		mg/kg	4.69	0.296	A
Aroclor 1268	ND		mg/kg	4.69	0.329	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/03/18 08:56
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 08/02/18 22:57
Cleanup Method: EPA 3665A
Cleanup Date: 08/03/18
Cleanup Method: EPA 3660B
Cleanup Date: 08/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 21-23,27 Batch: WG1142466-1						
Aroclor 1016	ND		ug/kg	32.0	3.63	A
Aroclor 1221	ND		ug/kg	32.0	4.87	A
Aroclor 1232	ND		ug/kg	32.0	3.15	A
Aroclor 1242	ND		ug/kg	32.0	3.92	A
Aroclor 1248	ND		ug/kg	32.0	3.59	A
Aroclor 1254	ND		ug/kg	32.0	2.61	A
Aroclor 1260	ND		ug/kg	32.0	3.34	A
Aroclor 1262	ND		ug/kg	32.0	2.63	A
Aroclor 1268	ND		ug/kg	32.0	2.26	A
PCBs, Total	ND		ug/kg	32.0	2.26	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	61		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 18,20 Batch: WG1141493-2 WG1141493-3									
Aroclor 1016	88		90		40-140	2		50	A
Aroclor 1260	84		84		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		74		30-150	A
Decachlorobiphenyl	63		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		70		30-150	B
Decachlorobiphenyl	68		67		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
PCBs in Oil by GC - Westborough Lab Associated sample(s): 17 Batch: WG1141694-2									
Aroclor 1016	70		-		40-140	-		50	A
Aroclor 1260	68		-		40-140	-		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65				30-150	A
Decachlorobiphenyl	83				30-150	A
2,4,5,6-Tetrachloro-m-xylene	69				30-150	B
Decachlorobiphenyl	84				30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 21-23,27 Batch: WG1142466-2 WG1142466-3									
Aroclor 1016	78		77		40-140	1		50	A
Aroclor 1260	72		71		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		72		30-150	A
Decachlorobiphenyl	67		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		74		30-150	B
Decachlorobiphenyl	64		64		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
PCBs in Oil by GC - Westborough Lab Associated sample(s): 17 QC Batch ID: WG1141694-3 QC Sample: L1829179-17 Client ID: PIT 1													
Aroclor 1016	ND	11.8	7.38J	62		-	-		40-140	-		50	A
Aroclor 1260	ND	11.8	5.99J	51		-	-		40-140	-		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57				30-150	A
Decachlorobiphenyl	42				30-150	A
2,4,5,6-Tetrachloro-m-xylene	56				30-150	B
Decachlorobiphenyl	56				30-150	B

Lab Duplicate Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits	
PCBs in Oil by GC - Westborough Lab Associated sample(s): 17 QC Batch ID: WG1141694-4 QC Sample: L1829179-17 Client ID: PIT 1							
Aroclor 1016	ND	ND	mg/kg	NC		50	A
Aroclor 1221	ND	ND	mg/kg	NC		50	A
Aroclor 1232	ND	ND	mg/kg	NC		50	A
Aroclor 1242	ND	ND	mg/kg	NC		50	A
Aroclor 1248	ND	ND	mg/kg	NC		50	A
Aroclor 1254	ND	ND	mg/kg	NC		50	A
Aroclor 1260	ND	ND	mg/kg	NC		50	A
Aroclor 1262	ND	ND	mg/kg	NC		50	A
Aroclor 1268	ND	ND	mg/kg	NC		50	A

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		54		30-150	A
Decachlorobiphenyl	39		38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	46		49		30-150	B
Decachlorobiphenyl	45		47		30-150	B

METALS

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-09
Client ID: HSS-1
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 11:02
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Copper, Total	982		mg/kg	1.15	0.296	2	08/02/18 14:15	08/02/18 19:27	EPA 3050B	1,6010D	AB
Lead, Total	16200		mg/kg	5.74	0.308	2	08/02/18 14:15	08/02/18 19:27	EPA 3050B	1,6010D	AB
Nickel, Total	32.0		mg/kg	2.87	0.278	2	08/02/18 14:15	08/02/18 19:27	EPA 3050B	1,6010D	AB

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-10
Client ID: HSS-2
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 10:54
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.58		mg/kg	0.478	0.099	1	08/02/18 14:15	08/02/18 19:50	EPA 3050B	1,6010D	AB
Barium, Total	75.8		mg/kg	0.478	0.083	1	08/02/18 14:15	08/02/18 19:50	EPA 3050B	1,6010D	AB
Cadmium, Total	1.19		mg/kg	0.478	0.047	1	08/02/18 14:15	08/02/18 19:50	EPA 3050B	1,6010D	AB
Chromium, Total	10.4		mg/kg	0.478	0.046	1	08/02/18 14:15	08/02/18 19:50	EPA 3050B	1,6010D	AB
Copper, Total	530		mg/kg	0.478	0.123	1	08/02/18 14:15	08/02/18 19:50	EPA 3050B	1,6010D	AB
Lead, Total	193		mg/kg	2.39	0.128	1	08/02/18 14:15	08/02/18 19:50	EPA 3050B	1,6010D	AB
Mercury, Total	0.254		mg/kg	0.077	0.016	1	07/31/18 06:00	07/31/18 20:23	EPA 7471B	1,7471B	EA
Nickel, Total	17.6		mg/kg	1.19	0.116	1	08/02/18 14:15	08/02/18 19:50	EPA 3050B	1,6010D	AB
Selenium, Total	0.182	J	mg/kg	0.956	0.123	1	08/02/18 14:15	08/02/18 19:50	EPA 3050B	1,6010D	AB
Silver, Total	0.378	J	mg/kg	0.478	0.135	1	08/02/18 14:15	08/02/18 19:50	EPA 3050B	1,6010D	AB

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-11
Client ID: HSS-3
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 11:39
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Copper, Total	193		mg/kg	0.446	0.115	1	08/02/18 14:15	08/02/18 19:55	EPA 3050B	1,6010D	AB
Lead, Total	49.0		mg/kg	2.23	0.119	1	08/02/18 14:15	08/02/18 19:55	EPA 3050B	1,6010D	AB
Nickel, Total	16.7		mg/kg	1.11	0.108	1	08/02/18 14:15	08/02/18 19:55	EPA 3050B	1,6010D	AB

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-12
Client ID: HSS-4
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 11:12
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Copper, Total	214		mg/kg	0.452	0.117	1	08/02/18 14:15	08/02/18 20:18	EPA 3050B	1,6010D	AB
Lead, Total	68.2		mg/kg	2.26	0.121	1	08/02/18 14:15	08/02/18 20:18	EPA 3050B	1,6010D	AB
Nickel, Total	15.3		mg/kg	1.13	0.109	1	08/02/18 14:15	08/02/18 20:18	EPA 3050B	1,6010D	AB

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-13
Client ID: HSS-5
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 11:25
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Copper, Total	30.2		mg/kg	0.417	0.108	1	08/02/18 14:15	08/02/18 20:23	EPA 3050B	1,6010D	AB
Lead, Total	19.2		mg/kg	2.08	0.112	1	08/02/18 14:15	08/02/18 20:23	EPA 3050B	1,6010D	AB
Nickel, Total	10.4		mg/kg	1.04	0.101	1	08/02/18 14:15	08/02/18 20:23	EPA 3050B	1,6010D	AB

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-14
Client ID: HSS-6
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 11:37
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Copper, Total	140		mg/kg	0.444	0.114	1	08/02/18 14:15	08/02/18 20:28	EPA 3050B	1,6010D	AB
Lead, Total	69.2		mg/kg	2.22	0.119	1	08/02/18 14:15	08/02/18 20:28	EPA 3050B	1,6010D	AB
Nickel, Total	30.3		mg/kg	1.11	0.107	1	08/02/18 14:15	08/02/18 20:28	EPA 3050B	1,6010D	AB

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-15
Client ID: HSS-7
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 10:39
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.56		mg/kg	0.433	0.090	1	08/02/18 14:15	08/02/18 20:32	EPA 3050B	1,6010D	AB
Barium, Total	91.7		mg/kg	0.433	0.075	1	08/02/18 14:15	08/02/18 20:32	EPA 3050B	1,6010D	AB
Cadmium, Total	0.412	J	mg/kg	0.433	0.043	1	08/02/18 14:15	08/02/18 20:32	EPA 3050B	1,6010D	AB
Chromium, Total	9.18		mg/kg	0.433	0.042	1	08/02/18 14:15	08/02/18 20:32	EPA 3050B	1,6010D	AB
Copper, Total	50.2		mg/kg	0.433	0.112	1	08/02/18 14:15	08/02/18 20:32	EPA 3050B	1,6010D	AB
Lead, Total	16.0		mg/kg	2.17	0.116	1	08/02/18 14:15	08/02/18 20:32	EPA 3050B	1,6010D	AB
Mercury, Total	0.033	J	mg/kg	0.069	0.015	1	07/31/18 06:00	07/31/18 20:25	EPA 7471B	1,7471B	EA
Nickel, Total	24.9		mg/kg	1.08	0.105	1	08/02/18 14:15	08/02/18 20:32	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	0.867	0.112	1	08/02/18 14:15	08/02/18 20:32	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.433	0.123	1	08/02/18 14:15	08/02/18 20:32	EPA 3050B	1,6010D	AB

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-16
Client ID: HSS-8
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 10:44
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Copper, Total	93.6		mg/kg	0.461	0.119	1	08/02/18 14:15	08/02/18 20:37	EPA 3050B	1,6010D	AB
Lead, Total	29.8		mg/kg	2.30	0.124	1	08/02/18 14:15	08/02/18 20:37	EPA 3050B	1,6010D	AB
Nickel, Total	30.2		mg/kg	1.15	0.112	1	08/02/18 14:15	08/02/18 20:37	EPA 3050B	1,6010D	AB

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-18
Client ID: SB-1
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 09:00
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.73		mg/kg	0.482	0.100	1	08/02/18 14:15	08/02/18 20:42	EPA 3050B	1,6010D	AB
Barium, Total	70.7		mg/kg	0.482	0.084	1	08/02/18 14:15	08/02/18 20:42	EPA 3050B	1,6010D	AB
Cadmium, Total	0.511		mg/kg	0.482	0.047	1	08/02/18 14:15	08/02/18 20:42	EPA 3050B	1,6010D	AB
Chromium, Total	6.67		mg/kg	0.482	0.046	1	08/02/18 14:15	08/02/18 20:42	EPA 3050B	1,6010D	AB
Lead, Total	14.2		mg/kg	2.41	0.129	1	08/02/18 14:15	08/02/18 20:42	EPA 3050B	1,6010D	AB
Mercury, Total	0.039	J	mg/kg	0.077	0.016	1	07/31/18 06:00	07/31/18 20:26	EPA 7471B	1,7471B	EA
Selenium, Total	0.385	J	mg/kg	0.964	0.124	1	08/02/18 14:15	08/02/18 20:42	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.482	0.136	1	08/02/18 14:15	08/02/18 20:42	EPA 3050B	1,6010D	AB

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-23
Client ID: SB-10
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 14:50
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	7.57		mg/kg	2.52	0.135	1	08/02/18 14:15	08/02/18 20:47	EPA 3050B	1,6010D	AB

Project Name: RHS HOLDINGS
Lab Number: L1829179
Project Number: 18022ENVA
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-24
Client ID: SB-11
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 15:15
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 68%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	7.16		mg/kg	2.86	0.153	1	08/03/18 07:00	08/03/18 11:15	EPA 3050B	1,6010D	PE

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 10,15,18 Batch: WG1141114-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	07/31/18 06:00	07/31/18 19:34	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09-16,18,23 Batch: WG1142293-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/02/18 14:15	08/02/18 19:18	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	08/02/18 14:15	08/02/18 19:18	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	08/02/18 14:15	08/02/18 19:18	1,6010D	AB
Chromium, Total	0.048	J	mg/kg	0.400	0.038	1	08/02/18 14:15	08/02/18 19:18	1,6010D	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	08/02/18 14:15	08/02/18 19:18	1,6010D	AB
Lead, Total	0.124	J	mg/kg	2.00	0.107	1	08/02/18 14:15	08/02/18 19:18	1,6010D	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	08/02/18 14:15	08/02/18 19:18	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	08/02/18 14:15	08/02/18 19:18	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	08/02/18 14:15	08/02/18 19:18	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 24 Batch: WG1142542-1										
Lead, Total	ND		mg/kg	2.00	0.107	1	08/03/18 07:00	08/03/18 09:11	1,6010D	PE

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: RHS HOLDINGS

Project Number: 18022ENVA

Lab Number: L1829179

Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10,15,18 Batch: WG1141114-2 SRM Lot Number: D098-540								
Mercury, Total	97		-		50-149	-		
Total Metals - Mansfield Lab Associated sample(s): 09-16,18,23 Batch: WG1142293-2 SRM Lot Number: D098-540								
Arsenic, Total	102		-		83-117	-		
Barium, Total	94		-		82-118	-		
Cadmium, Total	93		-		82-117	-		
Chromium, Total	96		-		83-119	-		
Copper, Total	99		-		84-116	-		
Lead, Total	98		-		82-117	-		
Nickel, Total	94		-		82-117	-		
Selenium, Total	105		-		78-121	-		
Silver, Total	98		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 24 Batch: WG1142542-2 SRM Lot Number: D098-540								
Lead, Total	98		-		82-117	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10,15,18 QC Batch ID: WG1141114-3 QC Sample: L1827896-01 Client ID: MS Sample												
Mercury, Total	0.022J	0.133	0.177	**133**	Q	-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 09-16,18,23 QC Batch ID: WG1142293-3 QC Sample: L1829179-09 Client ID: HSS-1												
Arsenic, Total	25.3	14	29.2	**28**	Q	-	-		75-125	-		20
Barium, Total	2620	234	2110	**0**	Q	-	-		75-125	-		20
Cadmium, Total	5.86	5.96	9.68	**64**	Q	-	-		75-125	-		20
Chromium, Total	26.3	23.4	34.6	**35**	Q	-	-		75-125	-		20
Copper, Total	982.	29.2	704	**0**	Q	-	-		75-125	-		20
Lead, Total	16200	59.6	8790	**0**	Q	-	-		75-125	-		20
Nickel, Total	32.0	58.5	81.5	85		-	-		75-125	-		20
Selenium, Total	ND	14	12.2	87		-	-		75-125	-		20
Silver, Total	1.19	35.1	39.5	109		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 24 QC Batch ID: WG1142542-3 QC Sample: L1829960-01 Client ID: MS Sample												
Lead, Total	73.8	50.2	149	**150**	Q	-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 10,15,18 QC Batch ID: WG1141114-4 QC Sample: L1827896-01 Client ID: DUP Sample						
Mercury, Total	0.022J	0.019J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 09-16,18,23 QC Batch ID: WG1142293-4 QC Sample: L1829179-09 Client ID: HSS-1						
Copper, Total	982.	782	mg/kg	**23**	Q	20
Lead, Total	16200	11400	mg/kg	**35**	Q	20
Nickel, Total	32.0	41.3	mg/kg	**25**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 24 QC Batch ID: WG1142542-4 QC Sample: L1829960-01 Client ID: DUP Sample						
Lead, Total	73.8	75.9	mg/kg	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-09
Client ID: HSS-1
Sample Location: 332 FAYLITE ST.

Sample Depth:
Matrix: Soil

Date Collected: 07/26/18 11:02
Date Received: 07/27/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	66.3		%	0.100	NA	1	-	07/31/18 13:42	121,2540G	RI

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-10
Client ID: HSS-2
Sample Location: 332 FAYLITE ST.

Sample Depth:
Matrix: Soil

Date Collected: 07/26/18 10:54
Date Received: 07/27/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.9		%	0.100	NA	1	-	07/31/18 13:42	121,2540G	RI

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-11
Client ID: HSS-3
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 11:39
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	07/31/18 13:42	121,2540G	RI

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-12
Client ID: HSS-4
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 11:12
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	07/31/18 13:42	121,2540G	RI

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-13
Client ID: HSS-5
Sample Location: 332 FAYLITE ST.

Sample Depth:
Matrix: Soil

Date Collected: 07/26/18 11:25
Date Received: 07/27/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.5		%	0.100	NA	1	-	07/31/18 13:42	121,2540G	RI

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-14
Client ID: HSS-6
Sample Location: 332 FAYLITE ST.

Sample Depth:
Matrix: Soil

Date Collected: 07/26/18 11:37
Date Received: 07/27/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	07/31/18 13:42	121,2540G	RI

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-15
Client ID: HSS-7
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 10:39
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.2		%	0.100	NA	1	-	07/31/18 13:42	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.868	0.174	1	08/01/18 13:28	08/02/18 09:25	1,7196A	NH

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-16
Client ID: HSS-8
Sample Location: 332 FAYLITE ST.

Sample Depth:
Matrix: Soil

Date Collected: 07/26/18 10:44
Date Received: 07/27/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.9		%	0.100	NA	1	-	07/31/18 13:42	121,2540G	RI

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-18
Client ID: SB-1
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 09:00
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.2		%	0.100	NA	1	-	07/31/18 13:42	121,2540G	RI

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-19
Client ID: SB-3
Sample Location: 332 FAYLITE ST.

Sample Depth:
Matrix: Soil

Date Collected: 07/26/18 10:30
Date Received: 07/27/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	07/31/18 13:42	121,2540G	RI

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-20
Client ID: SB-4
Sample Location: 332 FAYLITE ST.

Sample Depth:
Matrix: Soil

Date Collected: 07/26/18 10:55
Date Received: 07/27/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	07/31/18 13:42	121,2540G	RI

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-21
Client ID: SB-5
Sample Location: 332 FAYLITE ST.

Sample Depth:
Matrix: Soil

Date Collected: 07/26/18 11:15
Date Received: 07/27/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	07/31/18 13:42	121,2540G	RI

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-22
Client ID: SB-7
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 12:30
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	07/31/18 13:42	121,2540G	RI

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-23
Client ID: SB-10
Sample Location: 332 FAYLITE ST.

Sample Depth:
Matrix: Soil

Date Collected: 07/26/18 14:50
Date Received: 07/27/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.7		%	0.100	NA	1	-	07/31/18 13:42	121,2540G	RI

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-24
Client ID: SB-11
Sample Location: 332 FAYLITE ST.

Sample Depth:
Matrix: Soil

Date Collected: 07/26/18 15:15
Date Received: 07/27/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	68.0		%	0.100	NA	1	-	07/31/18 13:42	121,2540G	RI

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-25
Client ID: SB-13
Sample Location: 332 FAYLITE ST.

Date Collected: 07/26/18 16:30
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.0		%	0.100	NA	1	-	08/01/18 14:57	121,2540G	RI

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

SAMPLE RESULTS

Lab ID: L1829179-27
Client ID: SB-12
Sample Location: 332 FAYLITE ST.

Sample Depth:
Matrix: Soil

Date Collected: 07/26/18 16:10
Date Received: 07/27/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	53.6		%	0.100	NA	1	-	08/01/18 14:57	121,2540G	RI

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1829179
Report Date: 08/13/18

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 15 Batch: WG1141826-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	08/01/18 13:28	08/02/18 09:25	1,7196A	NH

Lab Control Sample Analysis

Batch Quality Control

Project Name: RHS HOLDINGS

Project Number: 18022ENVA

Lab Number: L1829179

Report Date: 08/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 15 Batch: WG1141826-2								
Chromium, Hexavalent	**77**	Q	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 15 QC Batch ID: WG1141826-4 QC Sample: L1829179-15 Client ID: HSS-7												
Chromium, Hexavalent	ND	1310	1280	98		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: RHS HOLDINGS

Project Number: 18022ENVA

Lab Number: L1829179

Report Date: 08/13/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 09-16,18-24 QC Batch ID: WG1141360-1 QC Sample: L1829179-09 Client ID: HSS-1						
Solids, Total	66.3	68.4	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 15 QC Batch ID: WG1141826-6 QC Sample: L1829179-15 Client ID: HSS-7						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 25,27 QC Batch ID: WG1141847-1 QC Sample: L1829566-02 Client ID: DUP Sample						
Solids, Total	94.4	94.4	%	0		20

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1829179-01A	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-01B	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-02A	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-02B	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-03A	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-03B	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-04A	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-04B	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-04C	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-04D	Amber 250ml unpreserved	A	7	7	5.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1829179-04E	Amber 250ml unpreserved	A	7	7	5.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1829179-05A	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-05B	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-05C	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-05D	Amber 250ml unpreserved	A	7	7	5.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1829179-05E	Amber 250ml unpreserved	A	7	7	5.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1829179-06A	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-06B	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-06C	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-06D	Amber 250ml unpreserved	A	7	7	5.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1829179-06E	Amber 250ml unpreserved	A	7	7	5.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1829179-07A	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1829179-07B	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-07C	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-07D	Amber 250ml unpreserved	A	7	7	5.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1829179-07E	Amber 250ml unpreserved	A	7	7	5.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1829179-08A	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260-R2(14)
L1829179-09A	Glass 60ml unpreserved split	B	NA		4.6	Y	Absent		NI-TI(180),CU-TI(180),PB-TI(180)
L1829179-09B	Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		TS(7)
L1829179-10A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1829179-10B	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		TS(7)
L1829179-11A	Glass 60ml unpreserved split	B	NA		4.6	Y	Absent		NI-TI(180),CU-TI(180),PB-TI(180)
L1829179-11B	Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		TS(7)
L1829179-12A	Glass 60ml unpreserved split	B	NA		4.6	Y	Absent		NI-TI(180),CU-TI(180),PB-TI(180)
L1829179-12B	Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		TS(7)
L1829179-13A	Glass 60ml unpreserved split	B	NA		4.6	Y	Absent		NI-TI(180),CU-TI(180),PB-TI(180)
L1829179-13B	Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		TS(7)
L1829179-14A	Glass 60ml unpreserved split	B	NA		4.6	Y	Absent		NI-TI(180),CU-TI(180),PB-TI(180)
L1829179-14B	Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		TS(7)
L1829179-15A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1829179-15B	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		TS(7),HEXCR-7196(30)
L1829179-15C	Glass 250ml/8oz unpreserved	B	NA		4.6	Y	Absent		TS(7),HEXCR-7196(30)
L1829179-16A	Glass 60ml unpreserved split	B	NA		4.6	Y	Absent		NI-TI(180),CU-TI(180),PB-TI(180)
L1829179-16B	Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		TS(7)
L1829179-17A	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		PCB-OIL(14)
L1829179-18A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1829179-18B	Vial Large Septa unpreserved (4oz)	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L1829179-18C	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1829179-18D	Glass 250ml/8oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(14)
L1829179-18W	Amber 1000ml unpreserved Extracts	B	NA		4.6	Y	Absent		TCLP-8270(14)
L1829179-18W9	Tumble Vessel	B	NA		4.6	Y	Absent		-
L1829179-18X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L1829179-18Y	Vial Water preserved split	B	NA		4.6	Y	Absent	**31-JUL-18 10:14**	NYTCL-8260-R2(14)
L1829179-18Z	Vial Water preserved split	B	NA		4.6	Y	Absent	**31-JUL-18 10:14**	NYTCL-8260-R2(14)
L1829179-19A	Vial Large Septa unpreserved (4oz)	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L1829179-19B	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),TS(7)
L1829179-19X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L1829179-19Y	Vial Water preserved split	B	NA		4.6	Y	Absent	**31-JUL-18 10:14**	NYTCL-8260-R2(14)
L1829179-19Z	Vial Water preserved split	B	NA		4.6	Y	Absent	**31-JUL-18 10:14**	NYTCL-8260-R2(14)
L1829179-20A	Glass 250ml/8oz unpreserved	B	NA		4.6	Y	Absent		NYCP51-PAH(14),TS(7),NYTCL-8082(14)
L1829179-21A	Vial Large Septa unpreserved (4oz)	B	NA		4.6	Y	Absent		NYCP51-PAH(14),TS(7),NYTCL-8082(14)
L1829179-21B	Glass 250ml/8oz unpreserved	B	NA		4.6	Y	Absent		NYCP51-PAH(14),TS(7),NYTCL-8082(14)
L1829179-22A	Glass 250ml/8oz unpreserved	B	NA		4.6	Y	Absent		NYCP51-PAH(14),TS(7),NYTCL-8082(14)
L1829179-23A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		PB-TI(180)
L1829179-23B	Vial Large Septa unpreserved (4oz)	B	NA		4.6	Y	Absent		NYCP51-8260(14)
L1829179-23C	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYCP51-PAH(14),TS(7),NYTCL-8082(14)
L1829179-23X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYCP51-8260(14)
L1829179-23Y	Vial Water preserved split	B	NA		4.6	Y	Absent	**31-JUL-18 10:14**	NYCP51-8260(14)
L1829179-23Z	Vial Water preserved split	B	NA		4.6	Y	Absent	**31-JUL-18 10:14**	NYCP51-8260(14)
L1829179-24A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		PB-TI(180)
L1829179-24B	Vial Large Septa unpreserved (4oz)	B	NA		4.6	Y	Absent		NYCP51-8260(14)
L1829179-24C	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYCP51-PAH(14),TS(7)
L1829179-24X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYCP51-8260(14)
L1829179-24Y	Vial Water preserved split	B	NA		4.6	Y	Absent	**31-JUL-18 10:14**	NYCP51-8260(14)
L1829179-24Z	Vial Water preserved split	B	NA		4.6	Y	Absent	**31-JUL-18 10:14**	NYCP51-8260(14)
L1829179-25A	Vial Large Septa unpreserved (4oz)	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1829179
Report Date: 08/13/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1829179-25X	Vial MeOH preserved split	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L1829179-25Y	Vial Water preserved split	B	NA		4.6	Y	Absent	**31-JUL-18 10:14**	NYTCL-8260-R2(14)
L1829179-25Z	Vial Water preserved split	B	NA		4.6	Y	Absent	**31-JUL-18 10:14**	NYTCL-8260-R2(14)
L1829179-26A	Vial HCl preserved	B	NA		4.6	Y	Absent		NYCP51-8260(14)
L1829179-27A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),HOLD-METAL(180),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name:	RHS HOLDINGS	**Lab Number:**	L1829179
Project Number:	18022ENVA	**Report Date:**	08/13/18

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample¿s toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Report Format: DU Report with 'J' Qualifiers

Project Name:	RHS HOLDINGS	**Lab Number:**	L1829179
Project Number:	18022ENVA	**Report Date:**	08/13/18

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	RHS HOLDINGS	**Lab Number:**	L1829179
Project Number:	18022ENVA	**Report Date:**	08/13/18

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

21 Determination of Polychlorinated Biphenyls in Transformer Fluid and Waste Oils. USEPA 600/4-81-045. September 1982.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 31

Date Rec'd in Lab: 7/28/18

ALPHA Job #: L1829179

Client Information
Client: AMBIENT ENV.
Address: 828 WASHINGTON AVE
Phone:
Fax:
Email: OTHERLINES@AMBIENT-ENV.COM

Project Information
Project Name: RHS HOLDINGS
Project Location: 332 FAYETTE ST
Project #: 180226NVA
(Use Project name as Project #)
Project Manager: JIM
ALPHAQuote #:

Turn-Around Time
Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

These samples have been previously analyzed by Alpha:
Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
ASP-A: ASP-B:
EQuIS (1 File): EQuIS (4 File):
Other:

Billing Information
Same as Client Info:
PO #:

Regulatory Requirement
NY TOGS: NY Part 375:
AWQ Standards: NY CP-51:
NY Restricted Use: Other:
NY Unrestricted Use:
NYC Sewer Discharge:

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ: NY:
Other:

ANALYSIS

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	Total Bottle	Sample Specific Comments
29179-01	HTW-1	7/27/18	918	GW	CK	X	X		NO TCL SVOCS
-02	HTW-2		939			X			
-03	HTW-3		1004			X			
-04	TW-1		1045			X	X		
-05	TW-2		1100			X	X		
-06	TW-3		1115			X	X		
-07	TW-4		1125			X	X		
-08	TRIP BLANK					X			
-09									

Container Type: A A
Preservative: B A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	7/27/18 1550		7-27-18 1550
	7-27-18 1555		7/28/18 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 3

Date Rec'd in Lab: 7/28/18

ALPHA Job #: L1829179

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Client Information
Client: AMBIENT ENV.
Address:
Phone:
Fax:
Email: CAMERINEK@AMBIENT-ENVIRON.COM

Project Information
Project Name: RHS HOLDINGS
Project Location: -
Project #: 180226ENVA
(Use Project name as Project #) ☐
Project Manager: JM
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	RCRA Metals	PCBs	TCL Pest + RCRA Metals	Total Chrome + Hex Chrome	Total Ni, Cu, Pb only	Sample Specific Comments	Total Bottle
29179-09	HSS-1	7/26/18	1102	S	JB							X		
-10	HSS-2		1054							X		X		
-11	HSS-3		1139									X		
-12	HSS-4		1112									X		
-13	HSS-5		1123									X		
-14	HSS-6		1137									X		
-15	HSS-7		1039							X	X	X		
-16	HSS-8		1044		—							X		
-17	Pit 1		1427	OIL	JB				X					
-18	SB-1		0900	S	CK	X	X	X	X	X				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	A	A	A	A	A	A	A
Preservative	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
	7/27/18 1550		7-27-18 1550
	7-27-18 1555		7/28/18 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 3

Date Rec'd in Lab: 7/28/18

ALPHA Job #: L1829179

Client Information
Client: AMBIENT ENV.
Address:
Phone:
Fax:
Email: CATHERINE@AMBIENT ENV.COM

Project Information
Project Name: RHS HOLDINGS
Project Location: 180222ENVA
Project #: 180222 ENVA
(Use Project name as Project #) ☐
Project Manager: JIM
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL ~~Temp~~ VOCs	TCL ~~Target~~ SVOCs	CP-51 SVOC	PCB	METALS	LEAD (metals)	PCBs	CP-51 VOCs	Sample Specific Comments	Total Bottle
29179-19	SB-3	7/26/18	1030	S	CK	X	X								
-20	SB-4		1055					X	X						
-21	SB-5		1115					X	X						
-22	SB-7		1230					X	X						
-23	SB-10		1450					X	X		X		X		
-24	SB-11		1515					X			X		X		
-25	~~SB~~ SB-13	7/26/18	1630	S	CK	X									
-26	TRIP BLANK												X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
	7/27/18 1550	AAL	7-27-18 1590
	7-27-18 1555		7/28/18 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

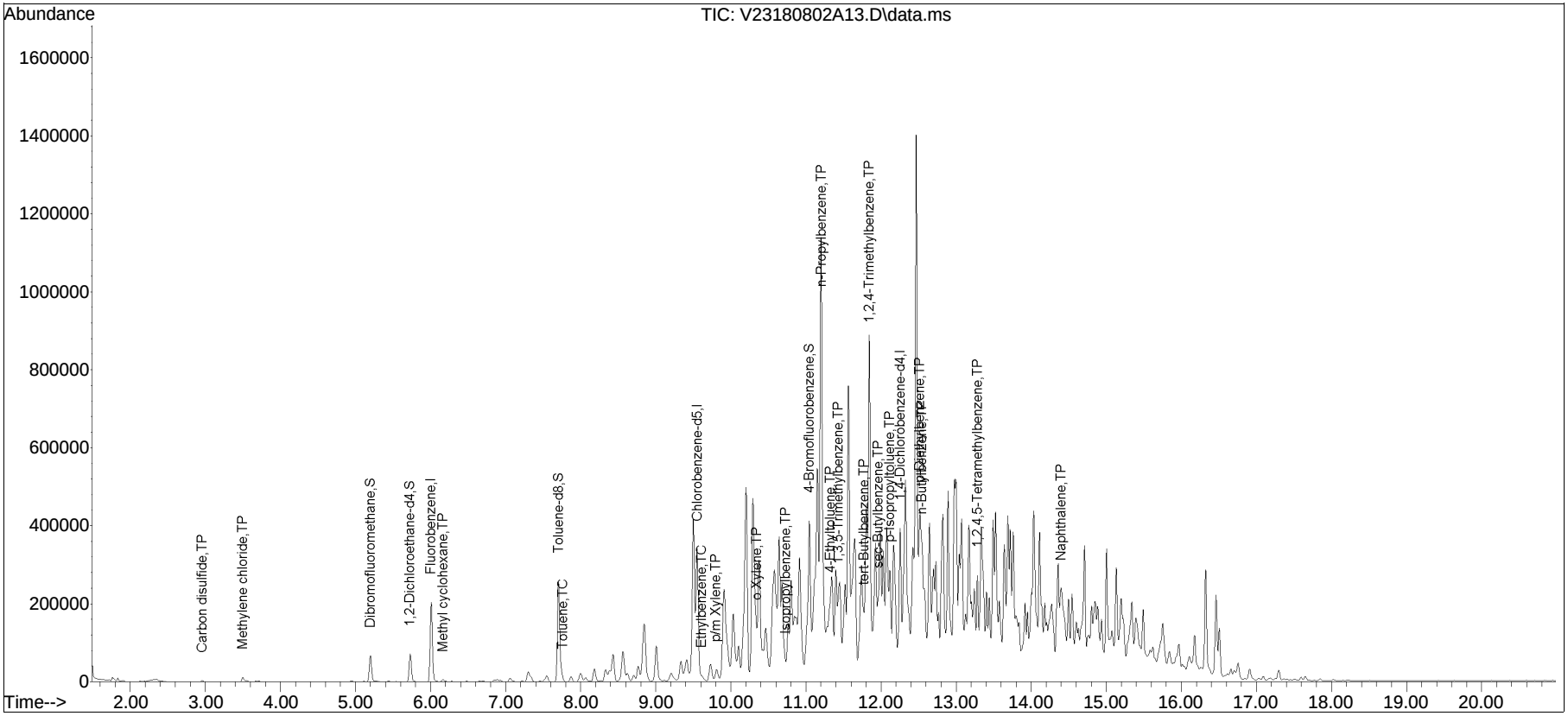
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA123\2018\180802A\
Data File : V23180802A13.D
Acq On : 02 Aug 2018 12:21 pm
Operator : VOA123:JC
Sample : l1829179-18D,31H,5.61,5,0.050,,x
Misc : WG1142248,ICAL14769
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 02 13:11:07 2018
Quant Method : I:\VOLATILES\VOA123\2018\180802A\V123_180606N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jun 07 13:54:21 2018
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox2A\V23180802A01.D•



ANALYTICAL REPORT

Lab Number:	L1833470
Client:	Ambient Environmental 7843 Karakul Lane Fayetteville, NY 13066
ATTN:	Jim Blasting
Phone:	(315) 203-3355
Project Name:	RHS HOLDINGS
Project Number:	18022ENVA
Report Date:	08/24/18

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1833470
Report Date: 08/24/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1833470-01	HSS-1	SOIL	332 FAYLITE ST.	07/26/18 11:02	07/27/18
L1833470-02	HSS-3	SOIL	332 FAYLITE ST.	07/26/18 11:39	07/27/18
L1833470-03	HSS-4	SOIL	332 FAYLITE ST.	07/26/18 11:12	07/27/18
L1833470-04	HSS-5	SOIL	332 FAYLITE ST.	07/26/18 11:25	07/27/18
L1833470-05	HSS-6	SOIL	332 FAYLITE ST.	07/26/18 11:37	07/27/18
L1833470-06	HSS-8	SOIL	332 FAYLITE ST.	07/26/18 10:44	07/27/18

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1833470
Report Date: 08/24/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	RHS HOLDINGS	**Lab Number:**	L1833470
Project Number:	18022ENVA	**Report Date:**	08/24/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L1833470-01 through -06 were analyzed with the method required holding time exceeded.

The WG1150320-3 MS recovery, performed on L1833470-01, is outside the acceptance criteria for mercury (174%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Amita Naik

Title: Technical Director/Representative Date: 08/24/18

METALS

Project Name: RHS HOLDINGS
Lab Number: L1833470
Project Number: 18022ENVA
Report Date: 08/24/18

SAMPLE RESULTS

Lab ID: L1833470-01
Client ID: HSS-1
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 11:02
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.083	J	mg/kg	0.114	0.024	1	08/24/18 12:35	08/24/18 14:17	EPA 7471B	1,7471B	MG

Project Name: RHS HOLDINGS
Lab Number: L1833470
Project Number: 18022ENVA
Report Date: 08/24/18

SAMPLE RESULTS

Lab ID: L1833470-02
Client ID: HSS-3
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 11:39
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.118		mg/kg	0.088	0.019	1	08/24/18 12:35	08/24/18 14:24	EPA 7471B	1,7471B	MG

Project Name: RHS HOLDINGS
Lab Number: L1833470
Project Number: 18022ENVA
Report Date: 08/24/18

SAMPLE RESULTS

Lab ID: L1833470-03
Client ID: HSS-4
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 11:12
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.037	J	mg/kg	0.082	0.017	1	08/24/18 12:35	08/24/18 14:26	EPA 7471B	1,7471B	MG

Project Name: RHS HOLDINGS
Lab Number: L1833470
Project Number: 18022ENVA
Report Date: 08/24/18

SAMPLE RESULTS

Lab ID: L1833470-04
Client ID: HSS-5
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 11:25
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.038	J	mg/kg	0.080	0.017	1	08/24/18 12:35	08/24/18 14:27	EPA 7471B	1,7471B	MG

Project Name: RHS HOLDINGS
Lab Number: L1833470
Project Number: 18022ENVA
Report Date: 08/24/18

SAMPLE RESULTS

Lab ID: L1833470-05
Client ID: HSS-6
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 11:37
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.076	J	mg/kg	0.076	0.016	1	08/24/18 12:35	08/24/18 14:33	EPA 7471B	1,7471B	MG

Project Name: RHS HOLDINGS
Lab Number: L1833470
Project Number: 18022ENVA
Report Date: 08/24/18

SAMPLE RESULTS

Lab ID: L1833470-06
Client ID: HSS-8
Sample Location: 332 FAYLITE ST.
Date Collected: 07/26/18 10:44
Date Received: 07/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Mercury, Total	0.105		mg/kg	0.093	0.020	1	08/24/18 12:35	08/24/18 14:35	EPA 7471B	1,7471B	MG

Project Name: RHS HOLDINGS
Project Number: 18022ENVA
Lab Number: L1833470
Report Date: 08/24/18

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1150320-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	08/24/18 12:35	08/24/18 14:13	1,7471B	MG

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: RHS HOLDINGS

Project Number: 18022ENVA

Lab Number: L1833470

Report Date: 08/24/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1150320-2 SRM Lot Number: D102-540								
Mercury, Total	122		-		65-134	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1833470
Report Date: 08/24/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1150320-3 QC Sample: L1833470-01 Client ID: HSS-1												
Mercury, Total	0.083J	0.219	0.381	**174**	Q	-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: RHS HOLDINGS

Project Number: 18022ENVA

Lab Number: L1833470

Report Date: 08/24/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1150320-4 QC Sample: L1833470-01 Client ID: HSS-1						
Mercury, Total	0.083J	0.082J	mg/kg	NC		20

Project Name: RHS HOLDINGS
Project Number: 18022ENVA

Lab Number: L1833470
Report Date: 08/24/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1833470-01A	Glass 60ml unpreserved split	A	NA		4.6	Y	Absent		HG-T(28)
L1833470-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HG-T(28)
L1833470-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HG-T(28)
L1833470-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HG-T(28)
L1833470-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HG-T(28)
L1833470-06A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HG-T(28)

*Values in parentheses indicate holding time in days

Project Name:	RHS HOLDINGS	**Lab Number:**	L1833470
Project Number:	18022ENVA	**Report Date:**	08/24/18

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample¿s toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Report Format: DU Report with 'J' Qualifiers

Project Name:	RHS HOLDINGS	**Lab Number:**	L1833470
Project Number:	18022ENVA	**Report Date:**	08/24/18

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	RHS HOLDINGS	**Lab Number:**	L1833470
Project Number:	18022ENVA	**Report Date:**	08/24/18

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L1833470

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581 — 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 3

Date Rec'd in Lab: 7/27/18

ALPHA Job #: L1833470

KB 8/24/18

Client Information
Client: AMBIENT ENV.
Address:
Phone:
Fax:
Email: CONSULTWEKC@AMBIENT-ENV.com

Project Information
Project Name: RHS HOLDINGS
Project Location: -
Project #: 180226NVA
(Use Project name as Project #)
Project Manager: JIM
ALPHAQuote #:

Turn-Around Time
Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

These samples have been previously analyzed by Alpha
Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
ASP-A / ASP-B / EQuIS (1 File) / EQuIS (4 File) / Other

Billing Information
Same as Client Info
PO #

Regulatory Requirement
NY TOGS / NY Part 375 / AWQ Standards / NY CP-51 / NY Restricted Use / Other / NY Unrestricted Use / NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility: NJ / NY / Other:

ANALYSIS

Sample Filtration
Done / Lab to do
Preservation: Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	Metals	PCBs	TCL Pest + RCRA Metals	Total Chrome + Hex Chrome	Total Ni, Cu, Pb only	Mercury	Sample Specific Comments
33470-01	HSS-1	7/26/18	1102	S	JB							X	X	
-02	HSS-2		1054							X				
-03	HSS-3		1139									X	X	
-04	HSS-4		1112									X	X	
-05	HSS-5		1123									X	X	
-06	HSS-6		1137									X	X	
-07	HSS-7		1039							X	X	X	X	
-08	HSS-8		1044									X	X	
-09	PIT 1		1427	OIL	JB			X						
-10	SB-1		0900	S	CK	X	X	X	X	X				

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, K/E = Zn Ac/NaOH, O = Other

Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	A	A	A	A	A	A	A	
Preservative	A	A	A	A	A	A	A	

Relinquished By:	Date/Time	Received By:	Date/Time
	7/27/18 1550		7-27-18 1550
	7-27-18 1555		7/28/18 0134

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)