January 17, 2014

Matthew A. Tenerowicz, Esq.
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Re: **DRAFT -** Phase II Environmental Site Assessment Results
Diamond Hurwitz Scrap, LLC Facility
267 Marilla Street
City of Buffalo, New York

File: 1206.015.001

Dear Mr. Tenerowicz:

This letter presents the results of a Phase II Environmental Site Assessment (ESA) performed by Barton & Loguidice, D.P.C. (B&L) at the above referenced site (known herein as Site) on December 19-20, 2013. The intent of the Phase II ESA was to evaluate soil and groundwater conditions in the vicinity of Recognized Environmental Conditions (RECs) noted in the draft Phase I ESA prepared by B&L.

The work scope was outlined in a correspondence on December 4, 2013. The Phase II investigation consisted of a review of NYSDEC provided environmental reports and correspondences, the advancement of twelve (12) soil borings, and the installation of four (4) temporary groundwater sampling points. Twelve (12) soil samples and four (4) groundwater samples were selected for laboratory analysis. A Site Location Map is provided as Figure 1 and a Sample Location Sketch is provided as Figure 2. One REC (petroleum storage tank compliance) identified in the Phase I ESA was not evaluated during this investigation.

NYSDEC Records Review Summary

B&L received copies of documents relating to Spill Case 9875470 from the NYSDEC. The Spill Case Report and ten pages of DEC Remarks are found in Attachment A of this report. The initial spill report pertained to housekeeping issues and a berm pile containing gasoline and motor oil that was running off-site. Several additional areas were identified where petroleum impacts were either observed or suspected. A consent order was executed to facilitate remedial activities. The berm pile is noted several times in the spill file, but a location sketch or map was not provided. The most recent NYSDEC spill case manager (Francine Gallego) was contacted via telephone, but she could not recall the berm pile location. The berm pile was screened to

remove ferrous and non-ferrous materials and removed in 2007; disposal receipts were provided to the NYSDEC.

Investigations in 1999 identified significant petroleum impacts in the vicinity of an old shear and associated oil-water separator. Groundwater was noted to be 3 feet below ground surface (bgs) and contained 0.5 inches of product. Photographs of the trenches dug around the shear area are provided in Attachment A. Although a sketch or location figure were not provided, based on the photographs, the shear area and a small former concrete block building were located approximately 100 feet south of the current scale area. A trench and sump groundwater recovery system was installed in 2001 and over 360 gallons of free-product were collected from 2003 to 2006. A reported 162 gallons of free-product were recovered in the final quarter of 2006 and the NYSDEC authorized shutting down the system in September 2007. The remedial actions required in the consent order were reportedly completed and no further work was required. The Spill Case was made inactive and is listed as closed – not meeting cleanup standards.

Correspondences between the NYSDEC and the responsible party reference several remedial reports associated with remedial activities at the berm pile, shear area, and several soil "hot-spots" that were not included in the Spill Case files. The files have reportedly been digitally archived and a paper copy is no longer accessible to NYSDEC staff. Evaluating the completeness of past investigations and remedial actions lacking these reports, sample location sketches, contaminant extent figures, etc., may result in inaccuracies. This lack of data further necessitates the sampling presented in this Phase II ESA in an effort to evaluate the potential for released petroleum and/or hazardous materials to be present onsite.

Soil Sampling

a. Soil Sampling Methodology

B&L retained the services of Trec Environmental, Inc. of Spencerport, New York to provide drilling services on December 19-20, 2013. The soil borings were installed using a track-mounted direct-push drilling rig. Sample recovery was conducted using a MacroCore® barrel sampler equipped with single-use, disposable acetate sleeves. The approximate locations of the soil borings (designated as B-1 through B-12) are shown on the attached Figure 2. Borings were advanced to depths of 12 feet bgs at each location, with the exception of B-11 and B-12 which were advanced to 8 feet bgs.

The borings' spatial distribution provides a general characterization of subsurface conditions across the Site including scrap storage/processing and automobile dismantling areas. Borings B-4 to B-8 and B-10 were advanced to characterize subsurface conditions in the vicinity of the current and former crusher and shears. Borings were not advanced

in the current scale area as unmarked underground electric utilities were reportedly present in this area. Borings B-4 and B-9 to B-12 were advanced to characterize subsurface conditions in the vicinity of Site buildings and some current or former petroleum storage systems. Boring B-2 was positioned on the western portion of the property to evaluate subsurface conditions near the Republic Steel Landfill (located across Hopkins Street west of the Site).

Soil cores retrieved from each boring were logged on-site by a B&L hydrogeologist and characterized for soil type, color, moisture, and indications of visual and/or olfactory contamination. The barrel sampler was decontaminated prior to each boring with an Alconox solution and potable water rinse. A new disposable liner was inserted in the sampler for each four (4) feet boring interval. The recovered soil cores were cut open and field screened with a calibrated photoionization detector (PID) for the presence of volatile organic vapors. In addition, PID headspace readings from select intervals were obtained by placing samples in sealed plastic bags and allowing the samples to equilibrate to air temperature inside a field vehicle.

Samples selected for laboratory analysis were typically collected from the depth interval that exhibited the greatest visual and/or olfactory evidence of contamination, or the highest PID readings, if detected. Samples were also collected from the interval immediately above the apparent water table. Samples from deeper in the soil column were collected to evaluate potential vertical contaminant migration. Soil samples selected for laboratory analyses were submitted to ALS Environmental, Inc. in Rochester, New York with chain of custody documentation. The soil samples were submitted for the analysis of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), RCRA 8 metals, and polychlorinated biphenyls (PCBs). Samples were split with AFI Environmental staff (environmental consultant to Diamond Hurwitz Scrap, LLC).

b. Soil Field Observations

Subsurface boring logs are provided as Attachment B. Gravelly fill material with varied metal, glass, crushed brick, crushed coal, wood, cinders, and ash content was observed to a depth of 4 to 5 ft bgs. This fill material extended deeper in boring B-5 (central portion of Site). Dense clayey silt and silty clay was encountered in each boring below the fill with the exception of boring B-5 (where varied fill extended to the bottom of the boring at 12 feet bgs). Intervals of silty sand were encountered in borings B-6, B-10 and B-12. Water saturated soils were observed at the top of the clayey silt/silty clay and in limited thinner zones in the silty sand.

In general, observations of visual and/or olfactory impacts were limited to the gravelly fill above the clayey silt and silty clay where a dark gray to black residue was observed. The black residue was indicative of weathered petroleum in borings B-5, B-6, B-9 and B-11. Oily sheens on wet soil cores were noted in boring B-6. Significantly elevated PID readings were noted in B-5 1-3 feet (+200 parts per million by volume (ppmv)) and B-6 2-4 ft bgs (+350 ppmv). PID readings in these borings decreased with depth.

c. Soil Quality Results

A summary of analytical results are provided in Tables 1A (VOCs and metals) and 1B (SVOCs and PCBs). Analytical reports prepared by ALS Environmental are included as Attachment C. Detected concentrations were compared to 6 NYCRR Part 375 (Part 375) Soil Cleanup Objectives (SCOs) for Industrial land use. Part 375 Protection of Groundwater SCOs are also shown. Several detected compounds do not have Part 375 SCOs and were compared to Supplemental SCOs provided in NYSDEC Commissioners Policy Soil CP-51 Soil Cleanup Guidance.

VOCs: Detected VOCs did not exceed Industrial Use SCOs in the samples submitted for analyses. Two samples (B-5 1-3' and B- 2-4') had several VOCs exceeding Protection of Groundwater SCOs. Several additional samples contained only acetone detected over the Protection of Groundwater SCO. Acetone was detected in ten of twelve soil samples. This compound is a common laboratory contaminant. None of the SCO exceedances for VOCs were reported in deeper samples representative of the clayey silt and silty clay unit below the gravelly fill.

SVOCs: Three of the twelve samples submitted contained one to two SVOCs at concentrations exceeding Industrial Use SCOs. Benzo(a)pyrene exceeded the Industrial Use SCO in samples B-3 0-2', B-5 4-5' and B-11 2-4'. Sample B-11 2-4' also contained benzo(b)fluoranthene exceeding the Industrial Use SCO. Five of the twelve samples also contained SVOCs exceeding Protection of Groundwater SCOs. None of the SVOC exceedances were reported in deeper samples representative of the clayey silt and silty clay unit below the gravelly fill.

PCBs: Sample B-11 2-4' contained PCBs at 88,000 micrograms per kilogram (ug/kg) exceeding the Part 375 Industrial Use SCO of 25,000 ug/kg. The deeper sample in boring B-11 did not contain PCBs above MRLs. PCBs also exceeded the Protection of Groundwater SCO (3,200 ug/kg) in six of the twelve samples. None of the PCB exceedances were reported in the deeper samples representative of the clayey silt and silty clay unit below the gravelly fill.

Metals: Six of the twelve samples submitted contained one or more metals at concentrations exceeding Part 375 Industrial Use SCOs. Arsenic exceeded the Industrial Use SCO in four samples, mercury exceeded the Industrial Use SCO in three samples and cadmium and lead each exceeded Industrial Use SCOs in single samples. Arsenic, barium, cadmium, lead and mercury also exceeded Protection of Groundwater SCOs in multiple samples. None of the metal SCO exceedances were reported in the samples representative of the clayey silt and silty clay unit below the gravelly fill.

Groundwater Sampling

a. Groundwater Sampling Methodology

A Geoprobe® stainless steel screen-point sampler (SP-16) was used to collect groundwater samples at four locations. The selected locations provide spatial distribution across the Site, and also to evaluate water quality where significantly elevated PID readings were noted in the soil. The samples (B-2 GW, B-5 GW, B-6 GW and B-10 GW) were labeled to correspond to the adjacent soil boring. The SP-16 was driven into the ground within 5 feet of the corresponding soil boring and then the outer chamber was retracted to expose 4 feet of screen. The screened intervals straddled the 4-5 feet bgs zone where water saturated soils were noted. A bentonite seal was placed at the top of the hole to prevent surface water from entering the sampling point. Groundwater sampling details are provided on the boring logs in Attachment B.

Prior to installation, the SP-16 was decontaminated with an Alconox solution, triple-rinsed with potable water and final rinsed with distilled water. A length of disposable single-use polyethylene tubing was installed to the bottom of the SP-16 and connected to a peristaltic pump equipped with a new single-use bladder. The sampling point was purged to pump a minimum of three volumes of the sampler and tubing prior to sampling. Low recovery in sampling points B-6 and B-10 prevented this purge volume to be met.

Groundwater samples in points B-6 GW and B-10 GW were collected for VOCs only as low recovery (20 to 50 milliliters per minute) prevented SVOC and metal samples to be collected during the time-frame allotted for the field investigation. Groundwater samples in points B-2 GW and B-5 GW were collected for VOCs, SVOCs and metals. Metal samples were field filtered using single-use, disposable 0.45 micron high capacity filters. Samples were split with AFI Environmental staff.

b. Groundwater Field Observations

Low water recharge resulted in moderately turbid samples from B-6 GW and B-10 GW; however, B-2 GW and B-5 GW samples were observed to be relatively clear. Based on field observations, it appears that the water table at the time of this sampling was above the clayey silt and silty clay unit at a depth of approximately 4 feet bgs. Oily sheens were not noted on groundwater samples collected. Oily sheens were noted on surface water in low areas near borings B-2 and B-6. Surface water was present due to a constant moderate rainfall during on December 20th, resulting snow melt and slushy wet conditions at the ground surface.

c. Groundwater Quality Results

A summary of groundwater sample analytical results are provided in Table 2. The analytical laboratory reports prepared by ALS Environmental are included as Attachment C. The detected parameter concentrations are compared to the NYSDEC Part 703 Groundwater Quality Standards or USEPA Maximum Contaminant Limits (MCLs).

VOCs: Three of the four groundwater samples contained VOCs detected above MRLs. Four of the detected compounds (1,2-dichloroethane, benzene, methyl tertiary butyl ether (MTBE), and xylenes) exceeded groundwater quality standards in sample B-5 GW. Benzene and MTBE concentrations exceeded standards in sample B-6 GW and MTBE exceeded the standard in sample B-10 GW. Of the five VOCs detected in the soil samples that had reported concentrations exceeding Protection of Groundwater SCOs, three (acetone, benzene and total xylenes) were detected in the groundwater samples.

SVOCs: SVOCs were not detected above MRLs in the two samples submitted for analyses. Of the five SVOCs detected in the soil samples that had reported concentrations exceeding Protection of Groundwater SCOs, none were detected in the groundwater samples.

Metals: Barium was the only dissolved metal reported above MRLs in the two samples submitted for analyses. The barium detections (582 and 477 micrograms per liter (ug/l)) were below the barium Part 703.5 Groundwater Quality Standard of 1,000 ug/l. Of the five metals observed in the soil samples that had reported concentrations exceeding Protection of Groundwater SCOs, only barium was detected in the dissolved metal groundwater samples.

Investigation Summary

The Phase II site investigation provides a general characterization of subsurface conditions across the Site including in the vicinity of the RECs identified in the draft Phase I ESA. Borings B-4 to B-8 and B-10 were advanced to characterize subsurface conditions in the vicinity of the current/former crusher and shears, and associated remedial activities referenced in NYSDEC Spill Case 9875470. Borings B-4 and B-9 to B-12 were advanced to characterize subsurface conditions in the vicinity of Site buildings and some current/former petroleum storage systems. Boring B-2 was positioned on the western portion of the property to evaluate subsurface conditions near the Republic Steel Landfill (located across Hopkins Street west of the Site). The findings of the Phase II site investigation can be summarized as follows:

- Shallow gravelly fill material at the Site contains concentration of metals, SVOCs and (in one sample) PCBs that exceed Part 375 Industrial Use SCOs. Several samples also contained VOCs, metals, SVOCs, and PCBs at concentrations exceeding Part 375 Protection of Groundwater SCOs. The gravelly fill is indicative of scrap-yard soils, but also contains historic urban fill used to raise the grade of the Site above the surrounding land. The impacted material appears to be confined to 0 to 5 feet bgs by a dense clayey unit below the gravelly fill.

- Impacted soils in the central portion of the Site (near borings B-5 and B-6) may be associated with petroleum releases from the former shear area where previous investigations and remedial activities have occurred. Soil samples contained benzene, toluene, ethyl benzene, xylenes (BTEX) and MTBE indicating that gasoline releases have occurred. Scrap storage and processing area on the southern portion of the Site (in the vicinity of borings B-3, B-6, B-7 and B-11) also appear to contain high relative concentrations of organic and inorganic compounds. Contaminant concentrations over Industrial Use and Protection of Groundwater SCOs warrant notification to the NYSDEC, and there is a potential that the closed Spill Case could be reopened.

- One shallow sample collected in a scrap storage area (boring B-11) contained PCBs at 88,000 ug/kg, exceeding the Industrial Use SCO. This concentration also exceeds Toxic Substances Control Act (TSCA) levels, and additional investigation would be required to determine limits of TSCA regulated soils. Remedial actions under TSCA guidelines may be implemented pending the additional investigation and these actions can include engineering and institutional controls if removal is not feasible. Regulatory notification of PCB remedial actions would be required.

- Shallow groundwater quality contains concentrations of VOC compounds over applicable groundwater quality standards. NYSDEC notification appears to be required and there is a potential that the closed Spill Case could be reopened. A network of groundwater monitoring wells may be warranted to determine the potential source (onsite or offsite) as well as fate and transport of contaminants in shallow groundwater. Groundwater samples were collected during a significant recharge period when heavy rains and snow-melt occurred. Groundwater concentrations may be biased high in the samples due to elevated water-table and recharge through the shallow scrap-yard soils/gravelly fill.

- Boring B-2 was positioned on the western portion of the property to evaluate subsurface conditions near the Republic Steel Landfill controlled-REC. Soil and groundwater quality from this boring were not significantly impacted and further investigation relative to the Republic Steel Landfill controlled-REC does not appear warranted.

Should you have any questions or wish to discuss the contents of this transmittal in greater detail, please do not hesitate to contact us at (585) 325-7190.

Very truly yours,

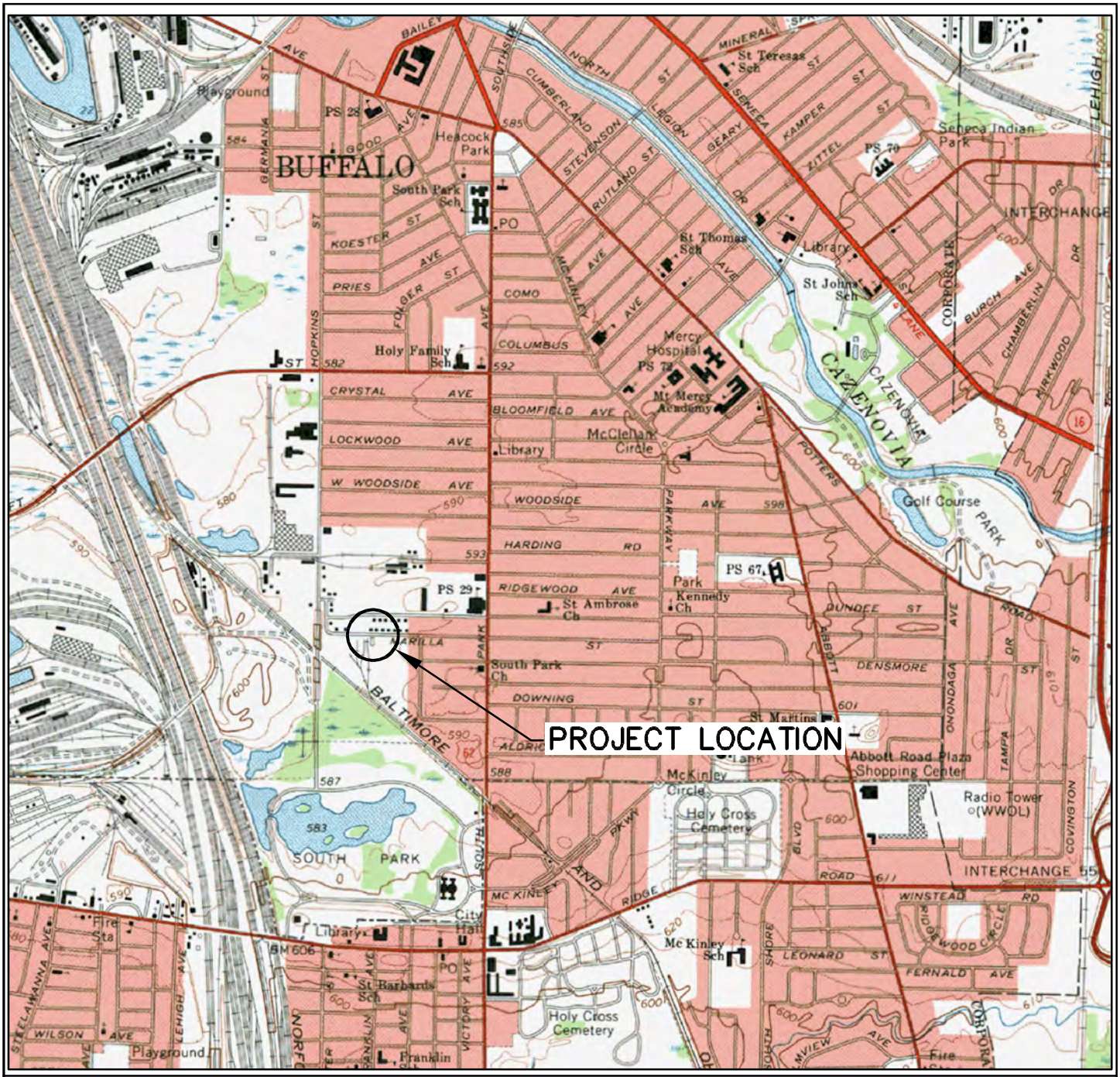
BARTON & LOGUIDICE, D.P.C.

Scott D. Nostrand, P.E.
Senior Vice President

Greg V. Lesniak
Senior Project Hydrogeologist

GVL/akg
Enclosures

cc:



SOURCE: BUFFALO SE, NEW YORK U.S.G.S. QUADRANGLE MAP

QUADRANGLE LOCATION

2000' 0 2000'

1"=2000'

N

TRUE OR CALLED NORTH

Barton & Loguidice, P.C.

METALICO
DIAMOND HURWITZ SCRAP METAL
267 MARILLA STREET

SITE LOCATION PLAN

CITY OF BUFFALO ERIE COUNTY, NEW YORK

Date	Scale
DECEMBER, 2013	1" = 2000'

Figure Number
1

Project Number
1206.015.001

Plotted: Dec 04, 2013 - 2:44PM SYR By: JGS
I:\Shared\1200\1206015\1206015_FIG 01_267 MERILLA ST.dwg

METALICO
DIAMOND HURWITZ SCRAP METAL
267 MARILLA STREET

SAMPLE LOCATION SKETCH

ERIE COUNTY, NEW YORK
CITY OF BUFFALO

Barton & Loguidice, P.C.

Date
DECEMBER, 2013

Scale
1" = 100'

Figure Number
2

Project Number
1206.015.001

Plotted: Jan 13, 2014 - 1:24PM SYR By: JGS
I:\Shared\1200\1206015\1206015_FIG 02_267 MERILLA ST.dwg

DRAFT **Table 1A VOC and Metals Data**
267 Marilla Street - Soil Sample Analytical Summary
Phase II Site Investigation
Buffalo, New York
B&L Project No. 1206.015.001

Client Sample ID:	B-2 5-7'		B-3 0-2'		B-4 2-4'		B-4 5-7'		B-5 1-3'		B-5 4-5'		B-6 2-4'		B-6 5-7'		B-7 1-4'		B-10 4-6'		B-11 2-4'		B-11 4-6'		Part 375 Industrial Use SCO	Part 375 or CP-51 Protection of Groundwater SCO
Lab Sample ID:	R1309648-001		R1309648-002		**R1309648-003**		R1309648-004		**R1309648-005**		**R1309648-006**		R1309648-007		**R1309648-008**		**R1309648-009**		R1309648-010		**R1309648-012**		R1309648-013			
Date Sampled:	12/19/2013		12/19/2013		12/19/2013		12/19/2013		12/19/2013		12/19/2013		12/19/2013		12/19/2013		12/19/2013		12/19/2013		12/20/2013		12/20/2013			
Detected Volatiles (SW846 8260B) Target Compound List (ug/kg)																										
1,2,4-Trichlorobenzene	6.1	U	5.8	U	5.7	U	6	U	140		5.9	U	160	U	6.2	U	15	U	6.5	U	5.8	U	6.2	U	--	3400
2-Butanone (MEK)	7.1		5.8	U	26		7.8		690	U	56		790	U	8.2		120		23		98		14		1000000	120
2-Hexanone	6.1	U	5.8	U	5.7	U	6	U	690	U	5.9	U	790	U	6.2	U	15	U	6.5	U	7.5		6.2	U	--	--
4-Methyl-2-pentanone	6.1	U	5.8	U	5.7	U	6	U	690	U	9.9		790	U	6.2	U	15	U	6.5	U	18		6.2	U	--	1000
Acetone	53		5.8	U	120		52		790		320	E	790	U	67		620		110		420	E	88		1000000	50
Benzene	6.1	U	5.8	U	5.7	U	6	U	1600		5.9	U	6600		6.2	U	15	U	6.5	U	5.8	U	6.2	U	89000	60
Bromomethane	6.1	U	5.8	U	5.7	U	6	U	210	B	5.9	U	210	B	6.2	U	15	U	6.5	U	5.8	U	6.2	U	--	--
Carbon Disulfide	6.1	U	5.8	U	7		6	U	140	U	5.9	U	160	U	6.2	U	29		6.5	U	19		6.2	U	--	2700
Cyclohexane	6.1	U	5.8	U	5.7		6	U	350		9.9		3600		6.2	U	15	U	6.5	U	6.1		6.2	U	--	--
Ethylbenzene	6.1	U	5.8	U	5.7	U	6	U	9700		13		5900		6.2	U	15	U	6.5	U	11		6.2	U	780000	1000
Isopropylbenzene (Cumene)	6.1	U	5.8	U	5.7	U	6	U	1500		5.9	U	930		6.2	U	15	U	6.5	U	5.8	U	6.2	U	--	2300
Methyl tert-Butyl Ether	6.1	U	5.8	U	5.7	U	6	U	140	U	5.9	U	160	U	100		15	U	6.5	U	5.8	U	8.5		1000000	930
Methylcyclohexane	6.1	U	5.8	U	5.7	U	6	U	2200		7.4		11000		6.2	U	15	U	6.5	U	6.4		6.2	U	--	--
Toluene	6.1	U	5.8	U	5.7	U	6	U	510		5.9	U	720		6.2	U	15	U	6.5	U	11		6.2	U	1000000	700
Trichloroethene (TCE)	6.1	U	5.8	U	5.7	U	6	U	140	U	5.9	U	160	U	6.2	U	15	U	6.5	U	6.1		6.2	U	400000	470
cis-1,2-Dichloroethene	6.1	U	5.8	U	5.7	U	6	U	140	U	5.9	U	160	U	6.2	U	15	U	6.5	U	9.4		6.2	U	1000000	250
m,p-Xylenes	12	U	12	U	11	U	12	U	53000		28		11000		12	U	30	U	13	U	22		12	U	1000000	1600
o-Xylene	6.1	U	5.8	U	5.7	U	6	U	35000	E	8.8		1600		6.2	U	15	U	6.5	U	20		6.2	U	1000000	1600
Metals Analysis (mg/kg)																										
Arsenic	4.0		32.0		10.0		7.0		19.1		25.1		27.8		7.3		12.6		2.3		9.5		3.9		16	16
Barium	110		858		237		66.5		357		990		394		90.3		430		67.1		246		61.7		10000	820
Cadmium	0.59	U	35.4		6.01		0.57	U	21.7		72.2		17.7		0.61	U	16.2		0.64	U	7.73		0.59	U	60	7.5
Chromium	21.7		460		71.2		18.8		637		323		1970		19.7		176		9		133		11.5		6800	NS
Lead	10.5		4060		694		16.3		1170		2060		792		10.8		727		7.4		726		35.1		3900	450
Mercury	0.04	U	15.1		9.21		0.044		4.93		4.21		5.55		0.061		3.3		0.228		6.51		0.098		5.7	0.73
Selenium	1.2	U	5.6	U	1.1	U	1.1	U	5.3	U	5.8	U	5.7	U	1.2	U	6.0	U	1.3	U	5.7	U	1.2	U	6800	4
Silver	1.2	U	5.6	U	1.1	U	1.1	U	5.3	U	5.8	U	5.7	U	1.2	U	1.2	U	1.3	U	1.1	U	1.2	U	6800	8.3

Analytical Footnotes:

MRL = Method reporting limit
U = Compound not detected above MRL (MRL listed in preceeding cell)
E = Estimated concentration as detected concentration has exceeded calibration range
Several samples were diluted and reanalyzed for VOCs. Results shown above are from analyses run with lower MRL
Refer to analytical reports for full lists of compounds analyzed, results and laboratory notations.

Notes:

Industrial Use and Protection of Groundwater Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Table 375-6.8(b)
Cleanup Guidance Supplemental Soil Cleanup Objectives (Table 1)
Groundwater SCO
se SCO

DRAFT **Table 1B SVOC and PCB Data**
267 Marilla Street - Soil Sample Analytical Summary
Phase II Site Investigation
Buffalo, New York
B&L Project No. 1206.015.001

Client Sample ID:	B-2 5-7'		B-3 0-2'		B-4 2-4'		B-4 5-7'		B-5 1-3'		B-5 4-5'		B-6 2-4'		B-6 5-7'		B-7 1-4'		B-10 4-6'		B-11 2-4'		B-11 4-6'		Part 375 Industrial Use SCO	Part 375 or CP-51 Protection of Groundwater SCO
Lab Sample ID:	R1309648-001		R1309648-002		R1309648-003		R1309648-004		**R1309648-005**		R1309648-006		R1309648-007		R1309648-008		R1309648-009		**R1309648-010**		R1309648-012		**R1309648-013**			
Date Sampled:	12/19/2013		12/19/2013		12/19/2013		12/19/2013		12/19/2013		12/19/2013		12/19/2013		12/19/2013		12/19/2013		12/19/2013		12/20/2013		12/20/2013			
Detected Semi-volatiles (SW846 8270C) Target Compound List (ug/kg)																										
2-Methylnaphthalene	400	U	770	U	2200	U	390	U	5200		780	U	3900	U	410	U	800	U	430	U	4800		410	U		36400
Anthracene	400	U	770	U	2200	U	390	U	1800	U	840		3900	U	410	U	800	U	430	U	3500		410	U	1000000	1000000
Benz(a)anthracene	400	U	1300		2200	U	390	U	1800	U	1700		4500		410	U	1200		430	U	9200		410	U	11000	1000
Benzo(a)pyrene	400	U	1300		2200	U	390	U	1800	U	1800		3900	U	410	U	1100		430	U	7200		410	U	1100	22000
Benzo(b)fluoranthene	400	U	2200		2200	U	390	U	1800	U	3100		5500		410	U	2200		430	U	12000		410	U	11000	1700
Benzo(g,h,i)perylene	400	U	1200		2200	U	390	U	1800	U	1300		3900	U	410	U	910		430	U	6100		410	U	1000000	1000000
Benzo(k)fluoranthene	400	U	770	U	2200	U	390	U	1800	U	900		3900	U	410	U	800	U	430	U	3400		410	U	110000	1700
Bis(2-ethylhexyl) Phthalate	400	U	3200		13000		390	U	3800		7200		7700		410	U	3600		430	U	5500		410	U		435000
Butyl Benzyl Phthalate	400	U	10000		2200	U	390	U	1800	U	7700		3900	U	410	U	1800		430	U	1900	U	410	U		122000
Carbazole	400	U	770	U	2200	U	390	U	1800	U	780	U	3900	U	410	U	800	U	430	U	2200		410	U		
Chrysene	400	U	1400		2200	U	390	U	1800	U	2000		5600		410	U	1700		430	U	10000		410	U	110000	1000
Di-n-butyl Phthalate	400	U	1200		2200	U	390	U	1800	U	2700		3900	U	410	U	800	U	430	U	1900	U	410	U		8100
Fluoranthene	400	U	2500		2200	U	390	U	3700		3900		14000		410	U	2400		430	U	23000		410	U	1000000	1000000
Indeno(1,2,3-cd)pyrene	400	U	1100		2200	U	390	U	1800	U	1400		3900	U	410	U	900		430	U	6200		410	U	11000	8200
Naphthalene	400	U	770	U	2200	U	390	U	6600		780	U	3900	U	410	U	800	U	430	U	1900	U	410	U	1000000	12000
Phenanthrene	400	U	1400		2200	U	390	U	2500		2700		13000		410	U	1600		430	U	18000		410	U	1000000	1000000
Pyrene	400	U	2400		2200	U	390	U	2200		3900		14000		410	U	2400		430	U	19000		410	U	1000000	1000000
Detected PCBs by SW846 8082 (ug/kg)																										
Aroclor 1248	40	U	6100		2100		39	U	3400		12000		1000		41	U	1600		43	U	27000		41	U	--	--
Aroclor 1254	40	U	6500		1200		39	U	4900		5500		4800		41	U	1100		43	U	61000		41	U	--	--
Aroclor 1260	40	U	4600		630		39	U	1900		1900	U	1200	P	41	U	470		43	U	7600	U	41	U	--	--
Total PCBs	ND		17200		3930		ND		10200		17500		7000		ND		3170		ND		88000		ND		25000	3200

Analytical Footnotes:

MRL = Method reporting limit

U = Compound not detected above MRL (MRL listed in preceeding cell)

P = Estimated concentration as detected concentration >40% difference between the two analyses column runs

Several samples were diluted and reanalyzed for SVOCs. Results shown above are from analyses run with lower MRL

Refer to analytical reports for full lists of compounds analyzed, results and laboratory notations.

Notes:

Industrial Use and Protection of Groundwater Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Table 375-6.8(b)

CP-51 SCOs from NYSDEC Commissioners Policy CP-51 Soil Cleanup Guidance Supplemental Soil Cleanup Objectives (Table 1)

Green highlighted results exceed Protection of Groundwater SCO

Orange highlighted results exceed Industrial Use SCO

DRAFT Table 2
267 Marilla Street - Groundwater Sample Analytical Summary
Phase II Site Investigation
Buffalo, New York
B&L Project No. 1206.015.001

Client Sample ID:	B-2 GW		B-5 GW		B-6 GW		B-10 GW		Groundwater Standard
Lab Sample ID:	R1309648-016		R1309648-017		R1309648-018		R1309648-019		
Date Sampled:	12/20/2013		12/20/2013		12/20/2013		12/20/2013		
Detected Volatiles (SW846 8260B) NYSDEC STARS LIST (ug/l)									
1,2-Dichloroethane	25	U	**5.4**		5	U	5	U	0.6
Acetone	50	U	18		25		33		NS
Benzene	25	U	**8.6**		**52**		5	**U**	1
MTBE	25	U	**140**		**450**	E	**110**		10
Xylenes (total)	25	U	**11.9**		5	U	5	U	5
Detected Semi-volatiles (SW846 8270C) NYSDEC STARS List (ug/l)									
None Detected	9.4	U	9.4	U	No Sample		No Sample		-
Dissolved Metals - Field Filtered (ug/l)									
Arsenic	10	U	10	U	No Sample		No Sample		25
Barium	582		477		--		--		1000
Cadmium	5	U	5	U	--		--		5
Chromium	10	U	10	U	--		--		50
Lead	50	U	50	U	--		--		25
Mercury	0.2	U	0.2	U	--		--		0.7
Selenium	10	U	10	U	--		--		10
Silver	10	U	10	U	--		--		50

Notes:

ug/l = micrograms per liter

MRL = Method reporting limit

U = Compound not detected above MRL (MRL listed in preceeding cell)

E = Estimated concentration as detected concentration has exceeded calibration range

Sample B-6 GW was diluted and reanalyzed for VOCs. Results shown above are from analyses run with lower MRL

Shaded results exceed Groundwater Standard

Groundwater Standard = NYSDEC Part 703.5 GW Quality Standards (Class GA Water Body)
and/or Technical Operational Guidance Series (TOGS) 1.1.1. Water Quality Guidance Values

Refer to analytical reports for full lists of compounds analyzed, results and laboratory notations.

Attachment A

NYSDEC Spill Case Review Documents

NYSDEC SPILL REPORT FORM

DEC REGION: 9 **SPILL NUMBER:** 9875470

SPILL NAME: HURWITZ JUNKYARD **DEC LEAD:** FXGALLEG

CALLER NAME: GARY BOBSEINE **NOTIFIER'S NAME:**

CLR'S AGENCY: DEC **NOTIFIER'S AGENCY:**

CALLER'S PHONE: (716) 851-7000 **NOTIFIER'S PHONE:**

SPILL DATE: 03/01/1999 **SPILL TIME:** 12:00 pm

CALL RECEIVED DATE: 03/18/1999 **RECEIVED TIME:** 10:30 am

SPILL LOCATION

PLACE: HURWITZ JUNKYARD **COUNTY:** Erie

STREET: 267 MARILLA STREET **TOWN/CITY:** Buffalo (c)

COMMUNITY: BUFFALO

CONTACT: MIKE DIAMOND **CONTACT PHONE:** (716) 823-2863

SPILL CAUSE: Housekeeping **SPILL REPORTED BY:** DEC

SPILL SOURCE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

BECI OFFICERS INVESTIGATING SITE, NOTED SOIL PILE ON SITE THAT WAS CONTAMINATED W/GASOLINE AND MOTOR OIL AND IT IS RUNNING OFF THE SITE.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
Gasoline	Petroleum	0.00 G	0.00 G	Soil,
Waste Oil/Used Oil	Petroleum	0.00 G	0.00 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
HURWITZ JUNKYARD	267 MARILLA STREET BUFFALO NY 14220-	MIKE DIAMOND (716) 823-2863

Tank Number	Tank Size	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MF"
03/18/99: MF S/I/DAN SULLIVAN, JIM GROBE, MIKE VAN DERMEE, BECI; EPA INVESTIGATOR; TOM JOHNSON, NANCY BARTA, DEC; MIKE DIAMOND, OPERATOR & B OLIVERIO, HURWITZ LAWYER. INSPECTED YARD FOR PETROLEUM CONTAMINATION. FOUND OIL AND/OR SHEENING OVER A LARGE PART OF THE YARD. THERE IS NO PAD FOR CAR CRUSHER, EXPLAINED TO MIKE DIAMOND THE NEED FOR ONE. I WAS ALSO TOLD THERE IS A WASTE OIL UST ON SITE THAT HAS WATER IN IT. BECI MAY HANDLE IT ALL.

04/27/99: MF OFFICE MEETING/MARK HANS, NANCY BURTA/JIM GROBE, MIKE VAN DERMEE/GARY FOERSCH/TOM JOHNSON, JIM CHARLES/TOM WANTAUK/PETER GRASSO/DARREN, EPA. DISCUSSED COURSE OF ACTION. SPILLS REQUIRES INVESTIGATION PLAN TO DETERMINE THE EXTENT OF SOIL & GW

CONTAMINATION. REMEDIATION PLAN TO ADDRESS CONTAMINATION. FP NOW ON SITE MUST BE REMOVED. JIM CHARLES WILL DRAFT LETTER.

05/10/99: MF JIM CHARLES SENT LETTER TO RP.

05/14/99: MF OFFICE MEETING TO DISCUSS SITE. SEE SIGN IN ROSTER. JIM TO SEND LETTER OF WHAT WAS DISCUSSED.

06/04/99: MF RP'S LAWYER RESPONDED TO LETTER, DOES NOT BELIEVE INVESTIGATIVE PLAN IS NECESSARY AS THEIR PHASE II DID NOT MENTION ANY PETROLEUM PROBLEMS WITH SITE.

06/11/99: MF RESPONDED TO ABOVE TO JIM CHARLES. INVESTIGATION PLAN & REMEDIATION NECESSARY.

06/15/99: MF S/V/MIKE DIAMOND AFTER A CALL FROM HIM. HE WANTS TO INSTALL A 40'x20'x4" CONCRETE PAD WITH A COLLECTION TANK. HE WANTS TO DRAIN AUTO FLUIDS ON THIS PAD. AUTOS WILL NOT BE CRUSHED. THEY WILL BE DRAINED & TAKEN TO PENNSYLVANIA. TOLD HIM I WILL RUN THIS BY JIM CHARLES & GET BACK TO HIM. HE IS IN A HURRY AS IT IS AFFECTING BUSINESS.

06/17/99: MF DISCUSSION/JIM CHARLES, HE WANTS ME TO GET PLANS FOR PAD FROM MIKE DIAMOND & RUN THEM BY MARK HANS. MEETING/MIKE DIAMOND, HE WILL FAX ME COPY OF PLANS. TOLD HIM IF PAD CONSTRUCTED, IT MUST BE ON UNCONTAMINATES GROUND. TOLD HIM 8021 & 8270 BN'S SAMPLING NECESSARY. HE EXPLAINED CARS WILL NOT BE CRUSHED ON SITE. THE PAD IS TO PLACE CARS ON & THEN DRAIN THE FLUIDS VIA PUMPING.

6/21/99: MF RECEIVED FAX OF PLANS. MEMO TO MARK HANS TO REVIEW.

06/23/99: MF S/V/MIKE DIAMOND/ANDY MARTIN. ANDY IS SAMPLING AREA WHERE THE PAD IS TO BE PLACED TO DRAIN FLUIDS FROM AUTOS. AREA APPX 20'x40', 12 COMPOSITE SAMPLES TAKEN, WILL BE COMPOSITED IN LAB TO MAKE 2 SAMPLES. THESE SAMPLES WILL BE ANALYZED FOR 8021 & 8270 BN'S. SAMPLES TAKEN AT A DEPTH OF APPX 8". SOIL DUG WILL A BACKHOE WITH A CLAM BUCKET BECAUSE FROUND TOO HARD FOR A HAND AUGER.

07/06/99: MF RECEIVED PHASE 2 REPORT, IT MOSTLY INVOLVES HAZ WASTE & MATERIALS. GAVE REPORT TO JIM CHARLES.

07/09/99: MF RECEIVED FAX OF SAMPLING RESULTS, IN PPB, TOTAL.

	A1-A6	B1-B6
8021	7191	BDL
8270 BN'S	49550	24700

RESULTS TO GARY BOBSEINE & JIM CHARLES

09/27/99: MF T/C FRED SCHAUF, 518-458-9203 X33, CONSULTANT FOR HURWITZ. HE FORGOT WHAT HE WANTS TO TALK TO ME ABOUT, HE WILL CALL AGAIN.

11/10/99: MF SITE INVESTIGATION WORK PLAN FOWARDED TO ME FROM JIM CHARLES, WANTS COMMENTS.

11/15/99: MF MEMO TO JIM CHARLES WITH COMMENTS.

12/14/99: MF COPY OF JIM CHARLES LETTER TO RP'S LAWYER

03/22/00: MF JIM CHARLES' LETTER TO RP'S LAWYER OKING REMEDIATION PLAN. WANTS THEM TO KEEP ME INFORMED.

04/28/00: MF S/I/MIKE DIAMOND/ELBY BENTON, CONTRACTOR. 4 MW'S INSTALLED ALONG WITH APPX 6 TEST PITS APPX 8' DEEP. ADDITIONAL TEST PITS TO BE DUG WHEN SCRAP IS MOVED. SOIL DISCOLORED IN TEST PITS, SHEENING NOTICED. OIL WATER SEPARATOR BY SHEAR, DRAINS SHEAR GENERATOR FLOOR, DON'T KNOW WHARE LINE DISCHARGES TO. I WAS TOLD THERE IS HEAVY CONTAMINATION IN THIS AREA.

05/09/00: MF RECEIVED 5/4/00 REPORT. SAMPLES TAKEN 4/26 & 4/27/00 NO HEAVY METALS DETECTED ABOVE REGULATORY LIMITS. CONTAMINATION FOUND VIA ANALYTICAL IN THE FOLLOWING LOCATIONS.
8270 - MW#5, MW#4, TP-5, 40, 41 & 42.
8021 - TP-41, MTBE - MW#4
ALL SOIL ANALYSIS, NO WATER ANALYSIS, LOCATION FOR BORE HOLE #2, IS MW#2.

05/10/00: MF RECEIVED BORING LOGS.

05/12/00: MF T/C BILL HEITZENRATER, HE WILL FAX OVER WATER ANALYSIS. RECEIVED FAX OF MW#1 & MW#5 8021 & 8270BN SAMPLE RESULTS, ALL PARAMETERS BELOW DL'S.

06/08/00: MF OFFICE MEETING/JIM CHARLES, GARY FORESCH, DAVE STEIVER, JEFF JONDEL/MIKE DIAMOND, BILL OLIVERIO, LEW LECHTNER, TIM ZUZULA, BILL HEITZENRATER. DISCUSSED SITE, SAMPLING, REMEDIATION DUST ISSUE, FINE, SOFT MARKET ETC. THEY WILL BE ON SITE NEXT WEEK TO CONTINUE SAMPLING. DISCUSSED COMPOSITING 3 LOCATIONS.

08/04/00: MF S/I/MIKE DIAMOND/BILL HEITENRATER, ENV CONSULTANT. ADDITIONAL AREAS SAMPLED 6/22/00. BILL GAVE ME DRAFT REPORT. THEY DID NOT START ON C&D DEBRIS AS YET. THE MATERIAL MUST BE SCREENED, IT SHOULD BE COMPLEATED BY THE END OF SUMMER. MOST OF AREA SAMPLES ARE HIGHLY CONTAMINATED. THE UST & SHEER AREA HAVE NOT BEEN SAMPLED. THEY PLAN TO REMOVE THE TANK & ALL CONTAMINATED SOIL WHEN THEY HAVE A CLEAN LOCATION FOR BIOTEATMENT. EXPECT THIS TO BE STARTED BY THE END OF SUMMER. THEY WILL HAVE A MEETING WITH US TO DISCUSS PROJECT.

08/29/00: MF S/I/JERRY OLGIN, OWNER, MIKE DIAMOND, MANAGER. JERRY COMPLAINED THAT WE ARE RESPONSIBLE FOR THIS SITE BEING CLOSED. HE WANTED TO KNOW IF WE ARE TREATING THE ALL THE OTHER YARDS THE SAME AS WERE TREATING HIS. HE WANT SA LEVEL PLAYING FIELD. HE ASKED IF THEY CAN LIMIT THE SCOPE OF WORK THEY HAVE TO DO. TOLD HIM I AM NOT IN POSITION TO AGREE TO IT. IT WILL HAVE TO COME FROM A HIGHER AUTHORITY THEN ME. HE WANTED TO KNOW WHO TO WRITE TO, TOLD HIM PETER BUECHI. HE DID SAY THAT HE WILL DO WHATEVER WE REQUIRE. NO DATE AS TO WHEN WORK WILL START, BUT HE SAID PRETTY SOON. TOLD HIM TANK & SHEAR AREA MUST BE STARTED SOON. T/C DOM BUCCILLI AT ELLERY LANDFILL. JERRY OLGIN APPROCHED LANDFILL REGARDING SAMPLING FOR SOIL DISPOSAL.

09/27/00: MF OFFICE MEETING/JIM STERN, AMERICAN ENV, MIKE DIAMOND, BILL OLIVERIO, JIM CHARLES, PETER GRASSO, DAVE STEVER, GARY FORSCH. DISCUSSED AIR VIOLATIONS, SOIL REMEDIATION, ORDER ON CONCENT, SCHEDULES, FINES ETC. AFTER MEETING MET ON SITE WITH JIM STERN & MIKE DIAMOND. WENT OVER CRUSHER AREA TO BE REMEDIATED. THEY TOLD ME THIS AREA WILL BE COMPLEATED BEFORE THE END OF THE YEAR. I RECOMMENDED TCLP SAMPLING FOR THE AREA WITH MODERATE 8027 BN ANALYTICAL RESULTS.

10/02/00: MF T/C JIM STERN, THEY PLAN TO START REMEDIATING SHEAR AREA 10/9/00.

10/11/00: MF S/I/MIKE DIAMOND, LEW LECHTNER, HURWITZ/ JIM STERN, AM ENV/JIM OVERHOLT, BSA. HOLE DUG NEXT TO CRUSHER & 1K SEPARATOR REMOVED, WATER AT APPX 3' WITH APPX 1/2" OF PRODUCT ATOP WATER. EXCAVATION TO BE PUMPED TO 4K TANK. HURWITZ WANTS TO DISCHARGE WATER TO SANITARY SEWER. BSA WANTS A PERMIT WHICH WILL HAVE TO GO THRU DEC WATER DIVISION. COLD WEATHER ON THE WAY & THEY WANT TO GET THIS PART OF REMEDIATION STARTED. TOLD THEM I WILL TRY TO SPEED UP PERMIT PROCESS.

10/13/00: MF S/I NO ONE ON SITE. TRENCH DUG AROUND NORTH SIDE OF CRUSHER. PRODUCT ATOP WATER.

10/30/00: MF RECEIVED 10/26/00 SUBSURFACE ASSESSMENT & REMEDIATION PROPOSAL. THEY PROPOSE TO DETERMINE THE EXTENT OF SUBSURFACE SOIL & GW CONTAMINATION [FP] AROUND SHEAR. AFTER THAT THEY WILL PROPOSE REMEDAITION OF ABOVE. AFTER APROVAL INSTALLATION OF REMEDIATION SYSTEM AROUND SHEAR AREA. THEN THEY WILL REASSESS HOT SPOTS [AREA WITH HI SAMPLE RESULTS]. THEY PROPOSAL O FREMEDIATION FOR HOT SPOTS [OUTSIDE SHEAR AREA]. FINALLY REMEDIATION OF HOT SPOTS. THEY WOULD LIKE TO GET STARTED AS THE WEATHER IS AGAINST THEM. THEY ALSO WANT TO FILTER & FLUST AREA WILL REMOVED SUBSURFACE WATER.

10/31/00: MF T/C/JIM STERM, GAVE HIM VERBAL APPROVAL OF PLAN. TOLD HIM REINJECTED GW MUST BE BELOW STARS. THEY WILL START TOMORROW.

11/07/00: MF S/I/CHET ELEWSKI, AM ENV. 15 MW'S INSTALLED AROUND SHEAR WITH BACKHOE, NO PRODUCT IN WELLS. MOAT AROUND SHEAR HAS APPX 1/4" OF PRODUCT IN IT.

12/04/00: MF RECEIVED 11/29/00 REPORT. THE 15 MW'WS INSTALLED AROUND THE SHEAR WERE SAMPLES 11/9/00. MOST WELLS SLIGHTLY ABOVE STARS BUT < 100 PPB FOR 8260 COMPOUNDS, 8270 BN COMPOUNDS BS. GW WILL BE P & T THEN REINJECTED INTO THE GROUND. THEY WILL THEN REMEDIATE THE SITE UNDER THE SCHEDULE DATED 10/26/00.

12/11/00: MF LETTER TO RP OKING SHEAR REMEDIATION P/T PLAN. SCHEDULE BY 1/31/01.

02/26/01: MF RECEIVED SHEAR REMEDIATION PROPOSAL. THEY WILL P & T GW & PRODUCT. TREAT GW & REINJECT IT.

03/06/01: MF LETTER TO RP OKING PLAN. RECOMMENDED SHEAR BUILDING REMOVAL. SYSTEM WILL BE IN OPERATION BY 7/7/01.

04/16/01: MF PROPOSAL FROM CONTRACTOR TO CONSTRUCT 30' X 40' CONCRETE PAD AT A NON CONTAMINATED AREA.

04/17/01: MF LETTER TO RP OKING PLAN. REMOVED SOILS MUST MEET STARS, INSITU SOIL MUST MEET TAGM SCHEDULE BY 5/15/01.

05/07/01: MF S/I/JIM STERN, AM ENV & MIKE DIAMOND. JIM IS ON SITE TAKING MEASURMENTS FOR FUTURE WORK & FOR DEBRIS PILE. HE ESTIMATES THERE IS 2500 YD3. HE WANTS TO CHANGE THE SAMPLING REQUIREMENTS FROM 1 SAMPLE PER 50 YD3 TO A MORE LIBERAL REQUIREMENT TO SAVE MONEY. I TOLD HIOM TO SUBMIT A SAMPLING PLAN & IT WILL BE REVIEWED. PLAN MUST CHARACTERIZE PILE.

06/04/01: MF RECEIVED BERM CHARACTERIZATION REPORT. THEY PROPOSE GRIDING THE BERM INTO 5 SECTIONS, THEN TAKE 1 SAMPLE EVERY 50 CUBIC YARDS THEN SCREENED WITH A PHOTOVAC. THE HIGHECT PHOTOVAC READING FROM EACH SECTION WILL BE ANALYZED. COPY OF LETTER TO JIM CHARLES.

06/27/01: MF LETTER TO RP OKING ABOVE PLAN.

08/03/01: MF ANSWERED JIM CHARLES' E-MAIL REGARDING CONSENT SCHEDULE & IF REMEDIATION STARTED S/I/MIKE DIAMOND, INSTALLATION OF A P/T SYSTEM HAS STARTED APPX 45 DAYS AGO IN THE SHEAR AREA. MIKE WILL CALL ME WHEN CONTRACTOR GETS BACK ON SITE.

09/04/01: MF S/I NO SITE ACTIVITY SINCE MY LAST VISIT.

10/11/01: MF T/C MIKE DIAMOND AFTER A DISCUSSION WITH JIM CHARLES TO FIND STATUS OF SHEAR REMEDIATION. NO ADDITIONAL WORK DONE.

10/26/01: MF T/C JIM STURM, WANTS TO CUT DOWN FROM MONTHLY SAMPLING OF P/T SYTEM [3 SAMPLES]. TO QUARTERLY SAMPLING. SAMPLING THE MW'S ONCE A YEAR. AGREED TO VISUALLY CHECK EACH SITE VISIT. IF PRODUCT IN MW'S THEN SAMPLING WILL BE REQUIRED. I WANTED MONITORING TO SEE IS SYSTEM CORRECTLY. MONTHLY FOR FIRST 2 MONTHS THEN QUARTERLY. WEEKLY INSPECTING OF SYSTEM. WILL OPERATE ALL THE TIME. APPX 10 GALLONS/MIN. 6 RECOVERY SUMPS WITHIN TRENCH SYSTEM. WILL GET A BASELINE FROM MW'S. IF NO 8270 COMPOUNDS THEN THIS SAMPLING WILL BE ELIMINATED. TOTAL FLUIDS PUMP THE THRU A SEPARATOR. TOLD HIM WE ARE NOT DOING TCLP SAMPLING, WE ARE USING TAGM. REPORTS WILL BE EVER QUARTER.

11/07/01: MF LETTER FROM JIM STURM CONFIRMING 10/26 CONVERSATION.

11/23/01: MF LETTER TO RP CONFIRMING CHANGE IN SAMPLING REQUIREMENTS.

01/11/02: MF ORDER ON CONSENT TO RP FROM JIM CHARLES.
1/31/02 - CHANGED TO 4/1/02, SEE 3/8/02 NOTES, INSTALL & HAVE OPERATIONAL SHEAR AREA REMEDIATION SYSTEM.
12/7/02 OR BEFORE SUBMIT AN APPROVAL RE-ASSESSMENT OF THE SITES SOIL HOT SPOTS OUTSIDE THE SHEAR AREA & AN ASSESSMENT OF THE BERMED AREA. REVISED TO 5/31/03. SEE 11/25/02 NOTES.
3/7/03 SUBMIT AN APPROVABLE REMEDIATION PROPOSAL FOR THE SOIL HOT SPOTS & THE BERM SOIL. INSTALL AN ON SITE REMEDIATION SYSTEM OR LANDFILL SOILS. REVISED TO 8/7/03. SEE 11/25/02 NOTES
12/7/02 SAMPLING & ANALYSIS OF BERMED SOIL. ALSO DEBRIS REMOVED FROM BERMED SOIL.

01/25/02: MF T/C/JIM STERN, AMERICAN ENV. HE JUST FOUND OUT ABOUT SIGNED ORDER & CAN'T MEET 1/31/02 SYSTEM STARTUP DEADLINE. THERE ARE PARTS TO BE ORDERED & INSTALLED. NONE OF THIS IS HIS FAULT, HE WAS UNAWARE OF ORDER BEING SIGNED. TOLD HIM SCHEDULE IS A LEGAL ISSUE & OUT OF MY HANDS. DISCUSSED WITH JIM CHARLES. MUST BE RUN THRU HURWITZ LAWYER. T/C JIM STERN, TOLD HIM HE OR HURWITZ LAWYER WILL HAVE TO WRITE A LETTER WITH DATES.

03/08/02: MF E-MAIL FROM JIM CHARLES, RP WANTS EXTENSION TO BEGIN START OF THE AG INSTALLATION OF SHEAR AREA REMEDIATION SYSTEM TO 4/1/02, INSTALLATION COMPLETION DATE 7/1/02. E-MAIL TO JIM CHARLES, OK WITH ME.

05/03/02: MF FILE TO JIM CHARLES FOR FOIL.

09/19/02: MF S/I/MIKE DIAMOND, GW P/T SYSTEM IN OPERATION. FREE PRODUCT COLLECTED IN THE SEPARATOR. PROBLEM WITH CARBON DRUMS, TO BE CHANGED. TOLD MIKE TO KEEP A RECORD OF PRODUCT RECOVERED.

10/31/02: MF RECEIVED 3Q REPORT. P/T SYSTEM IN OPERATION SINCE 8/13/02. MW'S & CARBON FILTRATION SYSTEM SAMPLED 9/19/02. IN PPB 8260 & 8270.
PRE CARBON - AT OR BELOW DL'S
BETWEEN & POST CARBON - BDL'S
MW'S 1, 2, 3, 4, 6 & 12 - BDL'S MW#5 - BENZENE - 1.3
MW#7 - BENZENE - .9 MW#8 - BENZENE - .7
MW#13 - AT OR BELOW DL'S
DEPTH TO WATER 2.5' TO 6.37'. NO REPORT OF HOW MUCH PRODUCT RECOVERED.

11/04/02: MF T/C JIM STERN'S WIFE. LEFT MESSAGE TO HAVE AMOUNT OF PRODUCT RECOVERED IN REPORTS.

11/25/02: MF 11/7/02 COPY OF LETTER FROM ATTY. WANTS EXTENSION OF SCHEDULE A. HAS A 12/7/02 DEADLINE FOR REASSESSMENTS OF HOTSPOTS, & REMEDIATION PLAN BY 3/7/03. WANTS EXTENSION TO 5/31/03 & 8/7/03, DUE TO POTENTIAL WEATHER PROBLEMS, COSTS & SOFT MARKET.

02/05/03: MF RECEIVED 1/31/03 REPORT. THE SYSTEM WAS PUT INTO OPERATION 8/13/02. 2-CARBON DRUMS CHANGED. INFLUENT, BETWEEN & AFTER FILTERS SAMPLED 12/23/02, 8260 & 8270 BN'S - BDL. THERE IS A FLOW METER ON THE SYSTEM, NO REPORT OF TOTAL WATER TREATED OR OF PRODUCT COLLECTED.

02/06/03: MF T/C JIM STURM, LEFT MESSAGE.

02/19/03: MF S/I/BOB FELTON, P/T SYSTEM IN OPERATION. WATER BEING PUMPED CONTINUISLY FROM 6 WELLS. CONCRETE PAD UNDER FLUID DRAINING AREA. NEW PORTABLE CRUSHER, NO PAD. DRUM OF DRY SORB & 9 WASTE OIL DRUMS ON SITE.

04/21/03: MF RECEIVED QUARTERLY REPORT. 310 GALLONS RECOVERED TO DATE, 85 THIS QUARTER. SAMPLING DONE 3/11/03 IN PPB.
PRE CARBON - XYLENES 8: 8270 FEW COMPOUNDS AT 2 & 3 PPB
BETWEEN & AFTER - BDL'S
GW FROM 1.3 TO 5.52 BG.

05/27/03: MF RECEIVED 5/19/03 REPORT. 4/16 & 4/17 TEST PITS WERE DUG IN THE BERM AREA, 57 SAMPLES WERE TAKEN & SCREENED, 5 SAMPLES WERE THEN ANALYZED. 8260 & 8270 BN'S, IN PPB.
SAMPLE #4 (4-6') - XYLENES - 200 1,3,5 - 110
NAPHTHALENE - 420
SAMPLE #21 (8-10') - p-ISOPROPYLBENZENE - 160
NAPHTHALENE - 210
SAMPLES 34, 47 & 56 - BDL'S
19 TEST PITS ALSO DUG WITH A BACKHOE 2-4' IN THE AREA OF THE 4/00 HOT SPOTS. ANALYZED 8260 & 8270 BN'S. IN PPB

	8260	8270
A	BS	CHRYSENE - 1350
		BENZO(b) & (k) - 2000
B	BS	CHRYSENE - 1210
		BENZO(b) & (k) - 2510
C	BS	CHRYSENE - 2970
		BENZO(b) & (k) - 4810
D	6 COMPOUNDS AS & B TAGM	CHRYSENE - 520
E	BS	CHRYSENE - 490

F	BS	3 COMPOUNDS A TAGM
G	1 AS BUT BT	3 AT
H	9 AS, 2 AT	3 AT
I	3 AS, BT	3 AT
J	BDL'S	BS
K	10 AS, 2 AT	3 AT
L	11 AS, 2 AT	3 AT
M	8 AS, 2 AT	3 AT
N	7 AS, 1 AT	3 AT
O	BDL'S	1 AT
P	6 AS, 2 AT	3 AT
Q	BS	3 AT
R	9 AS, 0 AT	3 AT
S	9 AS, 1 AT	3 AT

08/11/03: MF RECEIVED 2 Q REPORT. 60 GALLONS OF PRODUCT RECOVERED THIS Q. 370 GALLONS TO DATE. WATER SAMPLES TAKEN BEFORE CARBON, BETWEEN & AFTER, 8260 & 8270 BN'S - BDL'S.

09/23/03: MF S/I/MIKE DIAMOND, WENT OVER ORDER SCHEDULE. ITEM 3 COMPLETED. RE-ASSMENTS OF BERM & SOIL HOTSITE.

11/04/03: MF S/I/MIKE DISMOND, TOLD HIM ABOUT ORDER VIOLATIONS. HE WILL HAVE JIM STERN CONTACT ME.

11/03/03: MF RECEIVED 3RD Q 10/27/03 REPORT. WATER TREATMENT SYSTEM SAMPLED 10/2/03 IN PPB TOTAL 8260 & 8270.
INF - BDL'S
BETWEEN - 8260 BDL'S 8270 VERY LOW HITS OF THE 220 PPB COMPUUNDS, HIGHEST 5 PPB
AFTER - BDL'S
NO TOTAL OF PRODUCT RECOVERED,

11/17/03: MF LETTER TO RP, IN VIOLATION OF ORDER ITEM 7, BERM AREA SEPARATION. RESPONCE & SCHEDULE BY 11/28/03.

01/02/04: MF LETTER FROM RP'S LAWYER, WANTS EXTENSION UNTIL 6/04 TO REMOVE C&D FROM BERM AREA.

01/23/04: MF RECEIVED 4TH Q PROGRESS REPORT. SAMPLING DONE 11/13/03 & 10/22/03, IN PPB, 8260 & 8270

	8260	8270
PRE CARBON -	BDL'S	BS
MIDDLE	BDL'S	BDL'S
POST	BDL'S	BDL'S

MW#1, 2, 3, 5, 6, 7, 8, 9, 11, 12, 13, 14 & 15 - BDL'S

NYSDEC SPILL REPORT FORM

DEC REGION: 9 **SPILL NUMBER:** 9875470

SPILL NAME: HURWITZ JUNKYARD **DEC LEAD:** FXGALLEG

CALLER NAME: GARY BOBSEINE **NOTIFIER'S NAME:**

CLR'S AGENCY: DEC **NOTIFIER'S AGENCY:**

CALLER'S PHONE: (716) 851-7000 **NOTIFIER'S PHONE:**

SPILL DATE: 03/01/1999 **SPILL TIME:** 12:00 pm

CALL RECEIVED DATE: 03/18/1999 **RECEIVED TIME:** 10:30 am

SPILL LOCATION

PLACE: HURWITZ JUNKYARD **COUNTY:** Erie

STREET: 267 MARILLA STREET **TOWN/CITY:** Buffalo (c)

COMMUNITY: BUFFALO

CONTACT: MIKE DIAMOND **CONTACT PHONE:** (716) 823-2863

SPILL CAUSE: Housekeeping **SPILL REPORTED BY:** DEC

SPILL SOURCE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

BECI OFFICERS INVESTIGATING SITE, NOTED SOIL PILE ON SITE THAT WAS CONTAMINATED W/GASOLINE AND MOTOR OIL AND IT IS RUNNING OFF THE SITE.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
Gasoline	Petroleum	0.00 G	0.00 G	Soil,
Waste Oil/Used Oil	Petroleum	0.00 G	0.00 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
HURWITZ JUNKYARD	267 MARILLA STREET BUFFALO NY 14220-	MIKE DIAMOND (716) 823-2863

Tank Number	Tank Size	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MF"
03/18/99: MF S/I/DAN SULLIVAN, JIM GROBE, MIKE VAN DERMEE, BECI; EPA INVESTIGATOR; TOM JOHNSON, NANCY BARTA, DEC; MIKE DIAMOND, OPERATOR & B OLIVERIO, HURWITZ LAWYER. INSPECTED YARD FOR PETROLEUM CONTAMINATION. FOUND OIL AND/OR SHEENING OVER A LARGE PART OF THE YARD. THERE IS NO PAD FOR CAR CRUSHER, EXPLAINED TO MIKE DIAMOND THE NEED FOR ONE. I WAS ALSO TOLD THERE IS A WASTE OIL UST ON SITE THAT HAS WATER IN IT. BECI MAY HANDLE IT ALL.

04/27/99: MF OFFICE MEETING/MARK HANS, NANCY BURTA/JIM GROBE, MIKE VAN DERMEE/GARY FOERSCH/TOM JOHNSON, JIM CHARLES/TOM WANTAUK/PETER GRASSO/DARREN, EPA. DISCUSSED COURSE OF ACTION. SPILLS REQUIRES INVESTIGATION PLAN TO DETERMINE THE EXTENT OF SOIL & GW

MW#4 - BS

NO MENTION OF PRODUCT RECOVERED.

01/26/04: MF T/C JIM STERN, ASKED FOR AMOUNT OF PRODUCT RECOVERED & AMOUNT OF WATER PROCESSED. ASKED ABOUT BERM AREA. THEY HAVE AN EXTENSION TILL 5/04.

05/17/04: MF RECEIVED 1Q REPORT. 28 GALLONS OF PRODUCT RECOVERED THE QUARTER, 325 GALLONS TO DATE. SAMPLING DONE 1/12/04 OF CARBON TREATMENT. MW SAMPLING TO BE DONE LATER THIS YEAR. IN PPB 8260 & 8270. BETWEEN & AFTER CARBON TREATMENT BDL'S.

07/23/04: MF RECEIVED 2ND Q REPORT. SYSTEM IN OPERATION THRU OUT QUARTER. SAMPLED 4/5/04, 5/5/04 & 6/7/04, IN PPB, EPA 624 & 625.
PRE FILTER, MIDDLE & POST FILTER - BELOW OR AT DL'S.
GW 1.12 TO 4.03' MW'S NOT SAMPLED
20 GALLONS OF PRODUCT RECOVERED THIS QUARTER, 345 GALLONS TO DATE.

09/17/04: MF S/I/MIKE DIAMOND. BERM GONE, HE TOLD ME THEY DISPOSED OF BERM DEBRIS. DISCUSSED SOIL REMOVAL IN SHEAR AREA. HE WILL DISCUSS WITH LIBERTY.

11/26/04: MF RECEIVED 11/26/04 3RD Q REPORT. SAMPLING DONE 8/27/04 & 10/4/04.
625 ON WATER PRE BETWEEN & AFTER CARBON - BDL'S
624 ON WATER, AFTER CARBON - BDL'S
WATER LEVEL IN WELLS 1.01 - 4.27'
5 GALLONS OF PRODUCT RECOVERED THIS Q, 350 GALLONS TO DATE.

02/16/05: MF RECEIVED 4TH Q REPORT. EFFLUENT SAMPLING DONE 10/15/04, 11/11/04, 12/27/04, PRE, BETWEEN & FILTERED - BDL'S. MW'S SAMPLED 12/30/04, 8021 & 8270 IN PPB.
MW'S 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 - BD'S MW#11 - BENZENE 2
NO MENTION OF RECOVERY.

02/22/05: MF T/C MIKE DIAMOND, TOLD HIM TO ONLY HAVE MW'S CHECKED FOR SHEEN UNTIL READY FOR CLOSURE. ALSO TO ONLY SAMPLE INFLUENT TO TREATMENT SYSTEM.

6/21/05 RECEIVED THE QUARTERLY REMEDIAL ACTION STATUS REPORT FOR THE 1ST QUARTER OF 2005 WHICH INDICATES THE SYSTEM WAS SHUT OFF PER NYSDEC INSTRUCTION. SUBMITTED ANALYTICAL RESULTS FOR TREATED WATER, ALL BELOW STANDARDS. NO GW RESULTS SUBMITTED.

12/28/05 RECD THE QUARTERLY REMEDIAL ACTION STATUS REPORT FOR THE 3RD QUARTER 2005. STATIC WATER LEVELS WERE OBTAINED FOR MW1 THROUGH MW15. MW10, 14, AND 15 WERE INACCESSIBLE AT THE TIME OF SAMPLING. BEFORE AND BETWEEN TREATMENT WATER SAMPLES WERE TAKEN QUARTERLY AND ANALYZED FOR 625 AND 624. AFTER TREATMENT SAMPLES WERE ALSO ANALYZED FOR PCB'S AND PH. FOUR LIQUID PHASE CARBON UNITS WERE REPLACED ON 8/22/05. TOTAL PRODUCT REMOVAL SINCE THE START OF SYSTEM OPERATION IS APPROXIMATELY 360 GALLONS. NO PRODUCT WAS REMOVED DURING THE 3RD QUARTER OF 2005.
ANALYTICAL RESULTS BEFORE, BETWEEN AND AFTER TREATMENT WERE ALL ND FOR ALL PARAMETERS.
NO GW SAMPLES WERE COLLECTED FOR ANALYSIS.

02/16/06: MF S/I/MIKE DIAMOND. DISCUSSED SOIL REMOVAL AT SPREVIOUS SHEAR AREA. HE WILL CHECK WITH HIGHER UPS & GET BACK TO ME.

02/22/06: MF RECEIVED 4TH Q 2005 REPORT. TOTAL PRODUCT REMOVED SINCE STARTUP IS 360 GALLONS. TOTAL REMOVED 4TH Q 2005, 0.

02/27/06: MF LETTER TO RP, PUMP & TREAT INEFFECTIVE. ANOTHER REMEDIATION METHOD NECESSARY. PLAN BY 3/31/06.

05/25/06 RMC/FILE. REVIEWED REPORT RECEIVED 4/26/06. NO SAMPLING OF WELLS INCLUDED ONLY PRE AND POST TREATMENT. FULL REPORT AND RESPONSE TO MF 2/27/06 LETTER DUE 6/30/06.

07/24/06 RMC/FILE. RECEIVED REMEDIAL ACTION REPORT. ALL BUT MW4 HAS BEEN DESTROYED. SAMPLING ALL BELOW OR AT DETECTION LIMITS. SITE SHOULD BE EVALUATED FOR FURTHER REMEDIATION REQUIRMENT WHEN FG RETURNS IN SEPTEMBER 06.

12/18/06 RECD QUARTERLY REMEDIAL ACTION STATUS REPORT. ALL SITE WELLS HAVE BEEN DESTROYED EXCEPT FOR MW4 AND A STATIC WATER LEVEL WAS OBTAINED ON 9/27/06. THE ONLY ANALYTICAL PROVIDED IS FROM THE CARBON TREATMENT SYSTEM. LTR SENT REQUESTING ANOTHER FORM OF REMEDIATION. RESPONSE IS DUE 1/10/06.

2/27/07 RECD A RESPONSE TO DEC LTR STATING THAT THEY WILL CLEAN OUT THE SUMPS, CHECK THE PUMPS AND REPORT THEIR FINDINGS ON A QUARTERLY BASIS. THE LTR INDICATES THAT HOT SPOTS AND BERM SOILS WERE ALL CLEANED UP.

THE QUARTERLY REMEDIAL ACTION STATUS REPORT FOR THIS SITE WAS PROVIDED. 162 GALLONS OF PRODUCT WERE REMOVED DURING THE FOURTH QUARTER.

FG SPOKE TO SCOTT WHIPKEY WITH AMERICAN ENVIRONMENTAL. HE SAID HE WILL PROVIDE THE DISPOSAL RECEIPTS FOR THE SOIL REMOVED FROM THE HOT SPOTS AND THE BERM AREA. HE SAID THERE IS ONE REMAINING MW ON SITE. THERE ARE 8 RECOVERY SUMPS. HE IS MONITORING MONTHLY AND WILL PROVIDE THE QUARTERLY REPORT. HE SAID THERE IS ONLY MINOR OIL RECOVERED NOW. I TOLD HIM HE WILL HAVE TO CONDUCT A SUBSURFACE SITE ASSESSMENT TO SHOW THAT REMEDIATION IS COMPLETE. HE WILL SUBMIT THE NEXT QUARTERLY REPORT IN MAY 2007, 5/10/07 AND WILL DISCUSS THE EFFECTIVENESS OF T HE TREATMENT AND OFFER ADDITIONAL REMEDIAL OPTIONS IF NECESSARY.

3/20/07 J. SCOTT WHIPKEY PROVIDED THE DISPOSAL DOCUMENTATION OF DEBRIS REMOVED FROM THE BERM PILE AREA.

5/3/07 FG RECEIVED THE APRIL 2007 REMEDIAL ACTION PROGRESS REPORT FOR THIS SITE. THE REPORT INDICATES THAT NO PRODUCT WAS REMOVED FROM THE SEPARATION TANK DURING THE FIRST QUARTER O 2007. THREE LIQUID PHASE CARBON UNITS WERE REPOLACED ON JANUARY 15, 2007 AND THREE LIQUID PHASE UNITS WERE REPOLACED ON MARCH 21, 2007. PETROLEUM CONSTITUENTS WERE NON DETECT. THE RESULTS ARE NOT FOR THE STARS LIST OF COMPOUNDS. THEY DID NOT EVALUATE THE SYSTEM EFFECTIVENESS OFFICIALLY BUT BY STATING NO OIL WAS COLLECTED DETERMINED THAT IT IS NOT EFFECTIVE. LETTER SENT REQUIRING A NEW APPROACH WITH A RESPONSE DUE BY 5/30/07.

9/18/07 AMERICAN ENVIRONMENTAL ASSOCIATES REQUESTED THAT THE DEPARTMENT APPROVE SHUTTING DOWN THE SYSTEM AT THE SITE. DKK AND FG REVIEWED THE FILE AND DETERMINED THAT THE SITE CAN BE MADE INACTIVE. THE REMEDIAL ACTIONS REQUIRED IN THE ORDER ON CONSENT HAVE BEEN COMPLETED AND NO FURTHER WORK WILL BE REQUIRED. DKK WROTE A 9/14/07 EMAIL APPROVING THE INACTIVE STATUS FOR THIS SITE.

NYSDEC SPILL REPORT FORM

DEC REGION: 9 **SPILL NUMBER:** 9875470

SPILL NAME: HURWITZ JUNKYARD **DEC LEAD:** FXGALLEG

FG NOTIFIED SCOTT WHIPKEY OF THE DEPARTMENTS DECISION AND HE WILL DECOMMISSION THE WELLS AND THE INFILTRATION GALLERY ON SITE. INACTIVE LETTER HAS BEEN SENT TO MR. MARK OLGIN WITH LIBERTY IRON AND COPY TO AMERICAN ENVIRONMENTAL ASSOCIATES.

PIN **T & A** **COST CENTER**

CLASS: C3 **CLOSE DATE:** **MEETS STANDARDS:** False

American Environmental Associates, Inc.

1135 Butler Avenue ★ New Castle, PA 16101
PHONE (724) 652-1004 ★ FAX (724) 652-3814

Ms. Francine Gallego
New York Department of Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203-2999

July 30, 2007

Re: Hurwitz Scrap Yard
Buffalo, New York, Erie County
Spill Number 9875470

Dear Ms. Gallego,

On June 12, 2007, the pump and treat system operating at the site was temporarily idled. On June 21, 2007 free product measurements were obtained from the six recovery well sumps (RW#1 thru RW#6). The recovery well sumps were opened and free product measurements were obtained from each recovery well sump utilizing a Solinst Model 122 Interface Meter. No free product was detected in any of the six sumps. Disposable bailers were utilized to check each recovery sump for product sheen. A slight product sheen was noted to be present on the water surface of the recovery wells.

Groundwater samples were obtained from two recovery sumps located on the north and south end of the former shear area (RW#1 and RW#6). Each sample was submitted to the laboratory for analysis of compounds listed in the Spill Technology and Remediation Series (STARS) #1 Table 2 Guidance Values for Fuel Oil Contaminated Soil. Volatile organic analysis was conducted according to analytical procedures outlined by EPA 8260B. Semi-volatile organic analysis was conducted according to analytical procedures outlined by EPA 8270C. Copies of the laboratory analysis report forms are attached. Results of the analysis of the groundwater samples were compared to C_w guidance values or listed detection limits for liquids. Results of the analyses indicate that the analyzed constituents are within guidance values and/or detection limits.

Based on the results of the analysis, Hurwitz Company, Inc. requests to shutdown the remediation system operating at the site. Following your review of this information, please contact me so that we may discuss this project.

Sincerely,

J. Scott Whipkey
Geologist

cc: Mr. Marc Olgin, Hurwitz Scrap Yard
Attachments

J:\RAR-A\America\Hurwitz\NYDECShutdownRequest.doc

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue, Buffalo, New York, 14203-2999
Phone: (716) 851-7220 • **FAX:** (716) 851-7226
Website: www.dec.state.ny.us

Alexander B. Grannis
Commissioner

May 3, 2007

Mr. Mark Olgin
Liberty Iron & Metal Co.
P.O. Box 1391
Erie, Pennsylvania 16512

Dear Mr. Olgin:

Spill Number 9875470
Hurwitz Junkyard
Buffalo, Erie County

We received the Remedial Action Progress Report from American Environmental Associates, Inc. The report indicates that no product was removed from the system for the first quarter. This indicates the system installed is not effective. As had been requested in the enclosed December 19, 2006 letter, please provide an alternative remedial proposal.

The analysis completed for samples collected should include the STARS list of compounds. The analysis submitted does not include the entire list for the volatiles or semi-volatiles.

Please provide your response by May 30, 2007.

Sincerely,

Francine Gallego
Environmental Engineer 1

FG:sz

Enclosure

cc: Ms. Janine Malloy - American Environmental Associates, Inc.

New York State Department of Environmental Conservation
Division of Environmental Enforcement
Western Field Unit
270 Michigan Avenue, Buffalo, New York 14203-2999
Phone: (716) 851-7050 • **FAX:** (716) 851-7067
Website: www.dec.state.ny.us

Erin M. Crotty
Commissioner

August 16, 2001

B.P. Oliverio, Esq.
Sullivan & Oliverio
600 Main Place Tower
Buffalo, New York 14202

Re: Hurwitz Company, Inc.
267 Marilla Street
Buffalo, New York 14220

Dear Mr. Oliverio:

In response to your letter dated August 14, 2001, please be advised that in considering Hurwitz Company Inc.'s compliance with the proposed Order on Consent B9-0562-99-08, the Department will require that you make available for its review the financial information it may request concerning Hurwitz Company, Inc. It will not, as previously stated in my August 7, 2001 letter to you, require such information with respect to Liberty Iron & Metal Company, Inc. and the Hurwitz-Diamond Company.

Please have your client sign both originals of the Order on Consent and return them to my attention by no later than August 27, 2001. If you have any questions, please contact me.

Very truly yours,

James Charles
Senior Attorney

JC:c:k
A:C785.9
Enc.

cc: M. Franks, DER - Region 9
N. Bartha, DSHM - Region 9

New York State Department of Environmental Conservation
Division of Environmental Enforcement
Western Field Unit
270 Michigan Avenue, Buffalo, New York 14203-2999
Phone: (716) 851-7050 • **FAX:** (716) 851-7067
Website: www.dec.state.ny.us

Erin M. Crotty
Commissioner

August 7, 2001

B.P. Oliverio, Esq.
Sullivan & Oliverio
600 Main Place Tower
Buffalo, New York 14202

Re: Hurwitz Company, Inc.
267 Marilla Street
Buffalo, New York 14220

Dear Mr. Oliverio:

In response to our August 2, 2001 discussion and Mike Franks' August 3, 2001 site meeting and inspection, enclosed are duplicate originals of the final Order on Consent. Please have your client sign both originals and return them to my attention by no later than August 20, 2001.

The Department acknowledges your concern regarding Hurwitz Company, Inc.'s ability to finance future remediation. The Department will take such ability to pay into account in determining compliance with this Order. In making such a determination, however, the Department will require that you make available for its review the financial information it may request concerning Hurwitz Company, Inc., Liberty Iron & Metal Company, Inc. and the Hurwitz-Diamond Company.

Also per our August 2, 2001 meeting, you will be providing information on the total remediation costs your client has incurred to date.

If you have any questions, please contact me.

Very truly yours,

James Charles

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue, Buffalo, New York, 14203-2999
Phone: (716) 851-7220 • **FAX:** (716) 851-7226
Website: www.dec.state.ny.us

John P. Cahill
Commissioner

March 7, 2001

Mr. Michael Diamond
Horwitz Scrap Yard
267 Marilla Street
Buffalo, New York 14220

Dear Mr. Diamond:

SPILL NUMBER 9875470
HORWITZ SCRAP YARD
BUFFALO
ERIE COUNTY

Your contractor's February 22, 2001 Shear Area Remediation Proposal has been reviewed by this Department. We concur with this proposal. However, we strongly recommend that the Shear Control Building be removed to facilitate remediation.

Also, if this system fails to appreciably remediate the free product after one year, a different form of remediation may be required. Based on the proposal, this system will be in operation by July 7, 2001.

If you have any questions, feel free to contact me at 851-7220. Your cooperation will be appreciated.

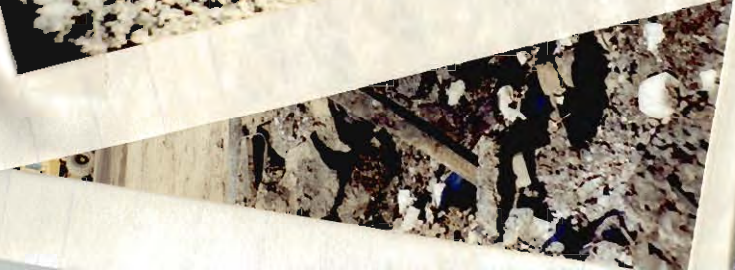
Sincerely,

Michael Franks
Environmental Engineering Technician III

MF:vm

cc: Mr. James Charles, NYSDEC, Environmental Enforcement
Mr. James Stern, American Environmental Associates
B.P. Oliverio, Esquire, Sullivan & Oliverio

SEPARATOR TANK ↑




CAUTION


CAUTION

PART OF LOT 43, T.10, R.8
CITY OF BUFFALO
ERIE COUNTY NEW YORK

HOPKINS STREET
CENTER LINE OF HOPKINS ST
66.0
33.0
33.0
192.09± REC.
192.10 MEAS.
25.0
PARALLEL LINES
LAND CONVEYED
IN L. 2777 P. 399
55.14 MEAS.
164.92
55.0
15.39
3.77 CH. = 248.82
24.75
24.75
49
50
MARILLA STREET
NORTH LINE OF LOT 43
3.77 CH. = 248.82
673.82
SUB-LOT
FENCE 0.9 N.E.
AERIAL WIRES
CONCRETE ABUTMENT WALL
5.72 S.E.
40°03'50" REC.
40°03'04" MEAS.
FENCE 1.90 WEST
UTILITY POLE
AERIAL WIRES
FENCE ON LINE
FENCE 1.35 SOUTH
FENCE 4.20 WEST
TP#42
TP#41
TP#40
MW#4
19
TP#36
TP#37
TP#38
TP#39
PARALLEL WITH EAST LINE OF LOT 43
66'
SUB-LOT
TP#35
TP#34
TP#33
TP#32
TP#31
AREA = 8.02± ACRES
B.R.&P. R.R.
L. 446 P. 33
926.06 MEAS.
TRACK
FENCE
TP#25
TP#26
TP#27
TP#28
TP#29
TP#30
CONCRETE BLOCK BUILDING
UTILITY POLE
FENCE 3.08 SOUTH
PARALLEL WITH EAST LINE OF LOT 43
TP#24
TP#23
TP#22
TP#21
TP#20
TP#19
MW#3
SCRAP AREA
MW#2
CONCRETE BLOCK BUILDING 22.0 X 24.05
6.49
6.01
5.52
5.09
39.50
12.25
29.75
31.75
50.70
SCALE
FENCE 2.65 SOUTH
AERIAL WIRES
TP#17
TP#16
CONCRETE BLOCK BUILDING
3.77 CH. = 248.82
FENCE 2.42 SOUTH
5.27
1.03
14.15
BRICK
5.37
39.03
FENCE 5.17 SOUTH
MW#1
SUB-LOT
PROPOSED 30'X40' PAD
15'
TP#14
TP#13
TP#12
TP#11
TP#10
TP#9
TP#8
TP#7
TP#6
TP#5
TP#4
TP#3
TP#2
TP#1
TRACK
FENCE 6.5 S.W.
MW#5
CONCRETE BLOCK WALL
ROOFED LOADING DOCK
CONCRETE LOADING DOCK
GATE
STEPS
STEPS
101.30
101.36
5.24
FENCE 7.40 WEST
CONCRETE BLOCK BUILDING
100.10
101.60
5.34
32.18
10.24
5.02
3.88 FENCE
FENCE 1.3 WEST
795.90 REC. COVER 2159
796.22 MEAS.
PARALLEL WITH EAST LINE OF LOT 43
1518.66
23.51 CH. = 1551.66
66.0
33.0
33.0
EAST LINE OF LOT 43
SOUTH PARK AVENUE

TEST PIT & MONITORING WELL LOCATIONS
Hurwitz site

AFI ENVIRONMENTAL 7815 Buffalo Ave Niagara Falls, NY 14304 716 283-7645		Key Test Pit locations = Monitoring well =	
Reviewed by wlh	Drawn by mwh	Date 12/22/99	Figure # 1

RAY L. SONNENBERGER
LAND SURVEYOR
N.Y.S. LIC. NO. 036193
BUFFALO, N.Y.

SCALE	1" = 60'
SHEET	545

DATE	12-22-9
PROJECT #	M1023

THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A FULL ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS

New York State Department of Environmental Conservation
Division of Environmental Enforcement
Western Field Unit
270 Michigan Avenue, Buffalo, New York 14203-2999
Phone: (716) 851-7050 FAX: (716) 851-7067

John P. Cahill
Commissioner

B.P. Oliverio, Esq.
Sullivan & Oliverio
600 Main Place Tower
Buffalo, New York 14202

Re: Hurwitz Company, Inc.
267 Marilla Street
Buffalo, New York 14220

Dear Mr. Oliverio:

As you know, Department officials participated in the March 18, 1999 search warrant execution at the above facility operated by your client. During the course of this warrant's execution, Department staff noted numerous environmental issues which must be properly addressed and procedures which must be implemented by Hurwitz Company, Inc. A list of these issues and required procedures follows.

- Automobile crushing must be performed on a pad made of impervious material. The pad must also contain a collection system for all drained fluids which must be properly disposed or recycled.

- Submit to the Department in accordance with 6 NYCRR Part 360-12.1(c) an annual report detailing how the facility's waste fluids are disposed.

- Submit to the Department a description of the facility's lead acid battery and refrigerant removal and management procedures.

- Debris buried in the Site's berm(s) must be removed and properly disposed. Railroad ties and discarded appliances must also be removed from the Site and properly disposed.

- Discarded waste oil is present throughout the Site. Submit to the Department an investigative work plan which defines the nature and extent of the Site's contamination. Soil and groundwater sampling must be included in the work plan.

- Remediate the contamination revealed by the investigative work plan in accordance with a remedial work plan approved by the Department. The remedial work plan will include removal of the Site's Underground Storage Tank.

- File a Notice of Intent to obtain a General Permit for Storm Water Discharges from Industrial Activities and prepare a storm water pollution prevention plan.

I suggest that we meet at the Department offices on Friday, May 14 at 10:30 a.m. so that we can discuss these issues and procedures in more detail with Department technical staff who will be present at the meeting. I further suggest that your client also have an environmental consultant present at this meeting.

In the interim there are immediate steps that your client should take to minimize additional environmental impacts at the site. These steps are noted below.

- Cease the crushing of automobiles that have not been drained of their fluids.
- Cease the use of the Site's Underground Storage Tank.
- Place the piles of machine shop cuttings and/or machined plate steel in a dumpster or on a pad made of impervious material.
- Cover, label and store on pads all drums of solid waste including waste oil present at the Site.
- Remove under Department supervision all free product, i.e., surface ponding of oil, present in the soil at the Site.

Please contact me to discuss these latter requirements and to advise if you are available for the May 14, 1999 meeting.

Very truly yours,

James Charles
Senior Attorney

JDC:C:JAB
C075HUR.4

Attachment B

Subsurface Boring Logs

SUBSURFACE INVESTIGATION LOG

BORING NO. **B-1**

Project No. **1206.015.001**

PROJECT INFORMATION		DRILLING INFORMATION	
Project:	Phase II Environmental Site Assessment	**Drilling Co:**	TREC Environmental
Client:	Metalico Inc	**Driller:**	Chad Britton
Site Location:	267 Marilla Street - Buffalo, NY	**Rig Type:**	Geoprobe 6600DH - Track Mounted
Job No:	1206.015.001	**Drilling Method(s):**	Direct Push Macro-Core Sampler
Project Manager:	Greg V. Lesniak	**Hammer Wt/Drop:**	N/A
Logged By:	GVL	**Hammer Type:**	N/A
Dates Drilled:	12/19/2013	**Borehole Diam:**	2.125" **Total Depth:** 12' bgs
LOCATION INFORMATION		**WELL INFORMATION**	
Horiz. Datum:	<enter text> **Easting:**	**Ground Elevation:**	**Screen Type/Diam:**
Vert. Datum:	<enter text> **Northing:**	**TOC Elevation:**	**Slot Size:**

Barton & Loguidice, D.P.C. Phase II Environmental Site Assessment BORING NO: B-1

Depth	Sample ID	PID ppmv	Description	Sample No.	Sample Int.	Recovery (ft)	Blows Per 6"	N or RQD %	Lithology	Notes / *Well Construction*
1		1.1	Gray GRAVEL fill with minor black sand, crushed brick, glass, coal and wood, moist							Boring filled with bentonite chips & excess sample to ground surface
2				1	0-4	4.0	-	-		
3		1.1 (1.1)								
4			4-5.2' Brown SAND and crushed brick, wet							
5		0.4	5.2-8' Gray Silty CLAY, moist, grades to dense Clayey SILT, moist							
6				2	4-8	4.0	-	-		
7		0.4 (0.3)								
8			Brown and Gray Clayey SILT, moist, dense							
9		0.3								
10				3	8-12	4.0	-	-		
11		0.3 (0.2)								
12			End of Boring (EOB) @ 12'							Note: PID readings from soil core shown. PID readings in parentheses are headspace readings from bagged sample aliquots.
13										
14										
15										
16										
17										
18										
19										
20										
21										

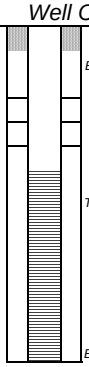
SUBSURFACE INVESTIGATION LOG

BORING NO. **B-2**

Project No. **1206.015.001**

PROJECT INFORMATION		DRILLING INFORMATION	
Project:	Phase II Environmental Site Assessment	**Drilling Co:**	TREC Environmental
Client:	Metalico Inc	**Driller:**	Chad Britton
Site Location:	267 Marilla Street - Buffalo, NY	**Rig Type:**	Geoprobe 6600DH - Track Mounted
Job No:	1206.015.001	**Drilling Method(s):**	Direct Push- Macro-Core Sampler
Project Manager:	Greg V. Lesniak	**Hammer Wt/Drop:**	N/A
Logged By:	GVL	**Hammer Type:**	N/A
Dates Drilled:	12/19/2013	**Borehole Diam:** 2.125"	**Total Depth:** 12' bgs
LOCATION INFORMATION		**WELL INFORMATION**	1" dia. Screen Point-16
Horiz. Datum:	<enter text> **Easting:**	**Ground Elevation:**	**Screen Type/Diam:** Stainless Steel
Vert. Datum:	<enter text> **Northing:**	**TOC Elevation:**	**Slot Size:** 4 Slot Mesh

Barton & Loguidice, D.P.C. Phase II Environmental Site Assessment BORING NO: B-2

Depth	Sample ID	PID ppmv	Description	Sample No.	Sample Int.	Recovery (ft)	Blows Per 6"	N or RQD %	Lithology	Notes / *Well Construction*
1		0.0	Brown to Gray GRAVEL fill with minor black sand and ash, moist, wet at 3.0'							 *Bentonite Chips surface seal*
2				1	0-4	3.8	-	-		
3		0.2 (18.3)								*Top of Screen @ 3'*
4			4-4.6' Dark Gray Silty CLAY, wet, soft							
5		0.0	4.6-8' Gray and Brown Silty CLAY, moist, dense							
6	B-2 5-7'			2	4-8	4.0	-	-		*Bottom of Screen @ 7'*
7		0.0 (1.1)								
8			Similar as above (SAA)							Groundwater Sample Notes: PID headspace in SP-16 prior to sampling = 0.0 ppmv. Purged for 5 minutes with peristaltic pump at a rate of 1-1.5 liter per minute (lpm). Purge water was black for 1 minute then became clear. Collected sample B-2 GW @ 12:25pm on 12-20-13.
9		0.0								
10				3	8-12	4.0	-	-		
11		0.0 (0.2)								
12			End of Boring (EOB) @ 12'							
13										Note: PID readings from soil core shown. PID readings in parentheses are headspace readings from bagged sample aliquots.
14										
15										
16										Boring filled with bentonite chips & excess sample to ground surface
17										
18										
19										
20										
21										

SUBSURFACE INVESTIGATION LOG

BORING NO. **B-3**

Project No. **1206.015.001**

PROJECT INFORMATION		DRILLING INFORMATION	
Project:	Phase II Environmental Site Assessment	**Drilling Co:**	TREC Environmental
Client:	Metalico Inc	**Driller:**	Chad Britton
Site Location:	267 Marilla Street - Buffalo, NY	**Rig Type:**	Geoprobe 6600DH - Track Mounted
Job No:	1206.015.001	**Drilling Method(s):**	Direct Push Macro-Core Sampler
Project Manager:	Greg V. Lesniak	**Hammer Wt/Drop:**	N/A
Logged By:	GVL	**Hammer Type:**	N/A
Dates Drilled:	12/19/2013	**Borehole Diam:**	2.125" **Total Depth:** 12' bgs
LOCATION INFORMATION		**WELL INFORMATION**	
Horiz. Datum:	<enter text> **Easting:**	**Ground Elevation:**	**Screen Type/Diam:**
Vert. Datum:	<enter text> **Northing:**	**TOC Elevation:**	**Slot Size:**

Barton & Loguidice, D.P.C. Phase II Environmental Site Assessment BORING NO: B-3

Depth	Sample ID	PID ppmv	Description	Sample No.	Sample Int.	Recovery (ft)	Blows Per 6"	N or RQD %	Lithology	Notes / *Well Construction*
1	B-3 0-2'	0.0 (0.4)	Brown SAND and GRAVEL fill with minor crushed coal, crushed brick, moist	1	0-4	2.3	-	-		Boring filled with bentonite chips & excess sample to ground surface
2										
3										
4										
5		0.0 (0.3)	4-4.7' SAA, wet zone 4.5 - 4.7' 4.7-6.3' Gray Silty CLAY, moist	2	4-8	2.3	-	-		
6										
7										
8										
9		0.0 (0.1)	Gray to Brown Silty CLAY, moist, very dense	3	8-12	4.0	-	-		
10										
11		0.0								
12			End of Boring (EOB) @ 12'							Note: PID readings from soil core shown. PID readings in parentheses are headspace readings from bagged sample aliquots.
13										
14										
15										
16										
17										
18										
19										
20										
21										

SUBSURFACE INVESTIGATION LOG

BORING NO. **B-4**

Project No. **1206.015.001**

PROJECT INFORMATION		DRILLING INFORMATION	
Project:	Phase II Environmental Site Assessment	**Drilling Co:**	TREC Environmental
Client:	Metalico Inc	**Driller:**	Chad Britton
Site Location:	267 Marilla Street - Buffalo, NY	**Rig Type:**	Geoprobe 6600DH - Track Mounted
Job No:	1206.015.001	**Drilling Method(s):**	Direct Push Macro-Core Sampler
Project Manager:	Greg V. Lesniak	**Hammer Wt/Drop:**	N/A
Logged By:	GVL	**Hammer Type:**	N/A
Dates Drilled:	12/19/2013	**Borehole Diam:**	2.125" **Total Depth:** 12' bgs
LOCATION INFORMATION		**WELL INFORMATION**	
Horiz. Datum:	<enter text> **Easting:**	**Ground Elevation:**	**Screen Type/Diam:**
Vert. Datum:	<enter text> **Northing:**	**TOC Elevation:**	**Slot Size:**

Barton & Loguidice, D.P.C. Phase II Environmental Site Assessment BORING NO: B-4

Depth	Sample ID	PID ppmv	Description	Sample No.	Sample Int.	Recovery (ft)	Blows Per 6"	N or RQD %	Lithology	Notes / *Well Construction*
1		0.1	Brown GRAVEL fill with minor sand and glass, moist, interval of dark Gray Silty Clay 3.2-3.6', moist, soft							Boring filled with bentonite chips & excess sample to ground surface
2				1	0-4	3.6	-	-		
3	B-4 2-4'	0.1 (6.2)								
4			4-4.8' Dark Gray to Brown Silty Clay, minor sand and glass, mosit to wet							
5		1.8								
6	B-4 5-7'		4.8-8' Dark Gray to Brown Clayey SILT, moist, grades to dense Silty CLAY, moist	2	4-8	4.0	-	-		
7		0.0 (0.6)								
8			Brown Silty CLAY, moist, very dense							
9		0.0								
10				3	8-12	4.0	-	-		
11		0.0 (0.6)								
12			End of Boring (EOB) @ 12'							Note: PID readings from soil core shown. PID readings in parentheses are headspace readings from bagged sample aliquots.
13										
14										
15										
16										
17										
18										
19										
20										
21										

SUBSURFACE INVESTIGATION LOG

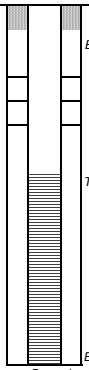
BORING NO. **B-5**

Project No. **1206.015.001**

PROJECT INFORMATION		DRILLING INFORMATION			
Project:	Phase II Environmental Site Assessment	**Drilling Co:**	TREC Environmental		
Client:	Metalico Inc	**Driller:**	Chad Britton		
Site Location:	267 Marilla Street - Buffalo, NY	**Rig Type:**	Geoprobe 6600DH - Track Mounted		
Job No:	1206.015.001	**Drilling Method(s):**	Direct Push- Macro-Core Sampler		
Project Manager:	Greg V. Lesniak	**Hammer Wt/Drop:**	N/A		
Logged By:	GVL	**Hammer Type:**	N/A		
Dates Drilled:	12/19/2013	**Borehole Diam:**	2.125"	**Total Depth:**	12' bgs
LOCATION INFORMATION		**WELL INFORMATION**			1" dia. Screen Point-16
Horiz. Datum:	<enter text> **Easting:**	**Ground Elevation:**		**Screen Type/Diam:**	Stainless Steel
Vert. Datum:	<enter text> **Northing:**	**TOC Elevation:**		**Slot Size:**	4 Slot Mesh

Barton & Loguidice, D.P.C. — Phase II Environmental Site Assessment — BORING NO: B-5

Depth	Sample ID	PID ppmv	Description	Sample No.	Sample Int.	Recovery (ft)	Blows Per 6"	N or RQD %	Lithology	Notes / *Well Construction*
1		7.8	Brown to Gray GRAVEL fill with minor black sand and ash, black organic stained zone 2-3.2', moist, wet at 3.0', slight petroleum odor at 1-3'							
2	B-5 1-3'	78 (+200)		1	0-4	3.2	-	-		
3										
4		5.5								
5	B-5 4-5'	8 (5.5)	4-4.6' Dark Gray to black Silty CLAY, black organic stained, wet, soft 4.6-8' Gray and Brown Silty CLAY, moist, dense							
6				2	4-8	1.0	-	-		
7										
8										
9		4.0	Similar as above (SAA)							
10				3	8-12	1.0	-	-		
11										
12										
13			End of Boring (EOB) @ 12'							
14										
15										
16										
17										
18										
19										
20										
21										



Bentonite Chips surface seal

Top of Screen @ 3.5'

Bottom of Screen @ 7.5'

Groundwater Sample Notes: PID headspace in SP-16 prior to sampling = 0.0 ppmv. Purged for 5 minutes with peristaltic pump at a rate of 2 liter per minute (lpm). Purge water was black for 2 minutes then became clear. Collected sample B-5 GW @ 13:15pm on 12-20-13.

Note: PID readings from soil core shown. PID readings in parentheses are headspace readings from bagged sample aliquots.

Boring filled with bentonite chips & excess sample to ground surface

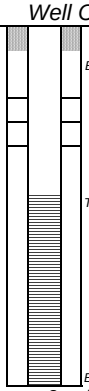
SUBSURFACE INVESTIGATION LOG

BORING NO. **B-6**

Project No. **1206.015.001**

PROJECT INFORMATION		DRILLING INFORMATION	
Project:	Phase II Environmental Site Assessment	**Drilling Co:**	TREC Environmental
Client:	Metalico Inc	**Driller:**	Chad Britton
Site Location:	267 Marilla Street - Buffalo, NY	**Rig Type:**	Geoprobe 6600DH - Track Mounted
Job No:	1206.015.001	**Drilling Method(s):**	Direct Push- Macro-Core Sampler
Project Manager:	Greg V. Lesniak	**Hammer Wt/Drop:**	N/A
Logged By:	GVL	**Hammer Type:**	N/A
Dates Drilled:	12/19/2013	**Borehole Diam:** 2.125"	**Total Depth:** 12' bgs
LOCATION INFORMATION		**WELL INFORMATION**	1" dia. Screen Point-16
Horiz. Datum:	<enter text> **Easting:**	**Ground Elevation:**	**Screen Type/Diam:** Stainless Steel
Vert. Datum:	<enter text> **Northing:**	**TOC Elevation:**	**Slot Size:** 4 Slot Mesh

Barton & Loguidice, D.P.C. | Phase II Environmental Site Assessment | BORING NO: B-6

Depth	Sample ID	PID ppmv	Description	Sample No.	Sample Int.	Recovery (ft)	Blows Per 6"	N or RQD %	Lithology	Notes / *Well Construction*
1		36.0	0-3.1' Brown Gravel fill with glass, crushed brick, metal and crushed coal, moist to wet							 *Bentonite Chips surface seal*
2				1	0-4	4.0	-	-		
3	B-6 2-4'	+200 (+350)	3.1-4' Black organic-rich CLAY, wet, very soft, Oily sheen noted on wet sample and sampler acetate sleeve. Sweet acrid odor, slight petroleum odor							*Top of Screen @ 3.5'*
4										
5		124.0	4-4.4' SAA, wet 4.4-8' Dark Gray (grades to Gray and then Brown) Silty CLAY, moist							
6	B-6 5-7'			2	4-8	4.0	-	-		
7		2 (3.2)								*Bottom of Screen @ 7.5'*
8										Groundwater Sample Notes: PID headspace in SP-16 prior to sampling = 0.0 ppmv. Purged for 1 minutes with peristaltic pump, but yield is under 50 ml per minute. Purge water and sample black and moderately turbid. Trace oily or metallic sheen on sample. Collected sample B-6 GW @ 11:40am on 12-20-13.
9		0.6	8-11' Brown Silty fine-grained SAND, wet, loose/running							
10				3	8-12	4.0	-	-		
11		0.3 (0.3)	11-12' Brown Silty CLAY, moist, dense							
12			End of Boring (EOB) @ 12'							
13										
14										Note: PID readings from soil core shown. PID readings in parentheses are headspace readings from bagged sample aliquots.
15										
16										Boring filled with bentonite chips & excess sample to ground surface
17										
18										
19										
20										
21										

SUBSURFACE INVESTIGATION LOG

BORING NO. **B-7**

Project No. **1206.015.001**

PROJECT INFORMATION		DRILLING INFORMATION	
Project:	Phase II Environmental Site Assessment	**Drilling Co:**	TREC Environmental
Client:	Metalico Inc	**Driller:**	Chad Britton
Site Location:	267 Marilla Street - Buffalo, NY	**Rig Type:**	Geoprobe 6600DH - Track Mounted
Job No:	1206.015.001	**Drilling Method(s):**	Direct Push Macro-Core Sampler
Project Manager:	Greg V. Lesniak	**Hammer Wt/Drop:**	N/A
Logged By:	GVL	**Hammer Type:**	N/A
Dates Drilled:	12/19/2013	**Borehole Diam:**	2.125" **Total Depth:** 12' bgs
LOCATION INFORMATION		**WELL INFORMATION**	
Horiz. Datum:	<enter text> **Easting:**	**Ground Elevation:**	**Screen Type/Diam:**
Vert. Datum:	<enter text> **Northing:**	**TOC Elevation:**	**Slot Size:**

Barton & Loguidice, D.P.C. Phase II Environmental Site Assessment BORING NO: B-7

Depth	Sample ID	PID ppmv	Description	Sample No.	Sample Int.	Recovery (ft)	Blows Per 6"	N or RQD %	Lithology	Notes / *Well Construction*
1			Brown GRAVEL fill with minor metal, clay and wood, moist							Boring filled with bentonite chips & excess sample to ground surface
2	B-7 1-4'	3.5 (24.4)		1	0-4	3.6	-	-		
3										
4										
5		3.5	Gray (grades to Brown) Silty CLAY, moist, very dense							
6				2	4-8	4.0	-	-		
7		1.7 (6)								
8										
9		1.1	Brown Silty CLAY, moist, dense							
10				3	8-12	4.0	-	-		
11		0.6 (1.2)								
12			End of Boring (EOB) @ 12'							
13										Note: PID readings from soil core shown. PID readings in parentheses are headspace readings from bagged sample aliquots.
14										
15										
16										
17										
18										
19										
20										
21										

SUBSURFACE INVESTIGATION LOG

BORING NO. **B-8**

Project No. **1206.015.001**

PROJECT INFORMATION		DRILLING INFORMATION	
Project:	Phase II Environmental Site Assessment	**Drilling Co:**	TREC Environmental
Client:	Metalico Inc	**Driller:**	Chad Britton
Site Location:	267 Marilla Street - Buffalo, NY	**Rig Type:**	Geoprobe 6600DH - Track Mounted
Job No:	1206.015.001	**Drilling Method(s):**	Direct Push Macro-Core Sampler
Project Manager:	Greg V. Lesniak	**Hammer Wt/Drop:**	N/A
Logged By:	GVL	**Hammer Type:**	N/A
Dates Drilled:	12/19/2013	**Borehole Diam:**	2.125" **Total Depth:** 12' bgs
LOCATION INFORMATION		**WELL INFORMATION**	
Horiz. Datum:	<enter text> **Easting:**	**Ground Elevation:**	**Screen Type/Diam:**
Vert. Datum:	<enter text> **Northing:**	**TOC Elevation:**	**Slot Size:**

Barton & Loguidice, D.P.C. Phase II Environmental Site Assessment BORING NO: B-8

Depth	Sample ID	PID ppmv	Description	Sample No.	Sample Int.	Recovery (ft)	Blows Per 6"	N or RQD %	Lithology	Notes / *Well Construction*
1		1.0	Brown GRAVEL fill with metal and minor crushed coal, glass and wood, moist							Boring filled with bentonite chips & excess sample to ground surface
2				1	0-4	4.0	-	-		
3		5.0 (8.9)								
4			4-5.2' Brown SAND and crushed brick, wet							
5		0.9	5.2-8' Gray Silty CLAY, moist, grades to dense Clayey SILT, moist							
6				2	4-8	4.0	-	-		
7		0.6 (2.0)								
8			Brown and Gray Clayey SILT, moist, dense							
9		0.0								
10				3	8-12	4.0	-	-		
11		0.0 (1.0)								
12			End of Boring (EOB) @ 12'							Note: PID readings from soil core shown. PID readings in parentheses are headspace readings from bagged sample aliquots.
13										
14										
15										
16										
17										
18										
19										
20										
21										

SUBSURFACE INVESTIGATION LOG

BORING NO. **B-9**

Project No. **1206.015.001**

PROJECT INFORMATION		DRILLING INFORMATION	
Project:	Phase II Environmental Site Assessment	**Drilling Co:**	TREC Environmental
Client:	Metalico Inc	**Driller:**	Chad Britton
Site Location:	267 Marilla Street - Buffalo, NY	**Rig Type:**	Geoprobe 6600DH - Track Mounted
Job No:	1206.015.001	**Drilling Method(s):**	Direct Push Macro-Core Sampler
Project Manager:	Greg V. Lesniak	**Hammer Wt/Drop:**	N/A
Logged By:	GVL	**Hammer Type:**	N/A
Dates Drilled:	12/19/2013	**Borehole Diam:**	2.125" **Total Depth:** 12' bgs
LOCATION INFORMATION		**WELL INFORMATION**	
Horiz. Datum:	<enter text> **Easting:**	**Ground Elevation:**	**Screen Type/Diam:**
Vert. Datum:	<enter text> **Northing:**	**TOC Elevation:**	**Slot Size:**

Barton & Loguidice, D.P.C. Phase II Environmental Site Assessment BORING NO: B-9

Depth	Sample ID	PID ppmv	Description	Sample No.	Sample Int.	Recovery (ft)	Blows Per 6"	N or RQD %	Lithology	Notes / *Well Construction*
1		0.0	Brown GRAVEL fill with minor ash and black Sand, moist to wet at 3'							Boring filled with bentonite chips & excess sample to ground surface
2			Oily sheen on end of core at 3'	1	0-4	3.0	-	-		
3		0.0 (1.2)								
4			4-4.3' SAA, wet							
5		0.0	4.3-8' Grey (grades to tan) Silty CLAY, moist							
6				2	4-8	4.0	-	-		
7		0.0 (1.2)								
8			Tan Silty CLAY, moist, very dense							
9		0.0								
10				3	8-12	4.0	-	-		
11		0.0 (1.2)								
12			End of Boring (EOB) @ 12'							Note: PID readings from soil core shown. PID readings in parentheses are headspace readings from bagged sample aliquots.
13										
14										
15										
16										
17										
18										
19										
20										
21										

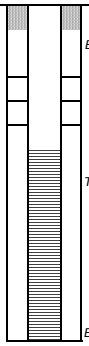
SUBSURFACE INVESTIGATION LOG

BORING NO. **B-10**

Project No. **1206.015.001**

PROJECT INFORMATION		DRILLING INFORMATION	
Project:	Phase II Environmental Site Assessment	**Drilling Co:**	TREC Environmental
Client:	Metalico Inc	**Driller:**	Chad Britton
Site Location:	267 Marilla Street - Buffalo, NY	**Rig Type:**	Geoprobe 6600DH - Track Mounted
Job No:	1206.015.001	**Drilling Method(s):**	Direct Push- Macro-Core Sampler
Project Manager:	Greg V. Lesniak	**Hammer Wt/Drop:**	N/A
Logged By:	GVL	**Hammer Type:**	N/A
Dates Drilled:	12/19/2013	**Borehole Diam:** 2.125"	**Total Depth:** 12' bgs
LOCATION INFORMATION		**WELL INFORMATION**	1" dia. Screen Point-16
Horiz. Datum: <enter text>	**Easting:**	**Ground Elevation:**	**Screen Type/Diam:** Stainless Steel
Vert. Datum: <enter text>	**Northing:**	**TOC Elevation:**	**Slot Size:** 4 Slot Mesh

Barton & Loguidice, D.P.C. — Phase II Environmental Site Assessment — BORING NO: B-10

Depth	Sample ID	PID ppmv	Description	Sample No.	Sample Int.	Recovery (ft)	Blows Per 6"	N or RQD %	Lithology	Notes / *Well Construction*
1		0.0	Brown GRAVEL fill with cinders, metal and crushed coal, moist							 *Bentonite Chips surface seal*
2			grades to Black GRAVEL fill with organic staining @ 3-4'	1	0-4	4.0	-	-		
3		0.2 (18.3)								
4										*Top of Screen @ 3'*
5	B-10 4-6'	0.0	4-5' SAA, moist to wet							
6			5-8' Gray (grades to Brown) Silty CLAY, moist	2	4-8	4.0	-	-		
7		0.0 (1.1)								*Bottom of Screen @ 7'*
8										
9		0.0	8-11' SAA							Groundwater Sample Notes: PID headspace in SP-16 prior to sampling = 0.3 ppmv. Purged for 1 minute with peristaltic pump, but yield is under 20 ml per minute. Purge water and sample black and moderately turbid. Collected sample B-10 GW @ 10:50am on 12-20-13.
10				3	8-12	4.0	-	-		
11		0.0 (0.2)	11-12' Brown fine-grained Silty SAND, wet							
12			End of Boring (EOB) @ 12'							
13										
14										Note: PID readings from soil core shown. PID readings in parentheses are headspace readings from bagged sample aliquots.
15										
16										Boring filled with bentonite chips & excess sample to ground surface
17										
18										
19										
20										
21										

SUBSURFACE INVESTIGATION LOG

BORING NO. **B-11**

Project No. **1206.015.001**

PROJECT INFORMATION		DRILLING INFORMATION	
Project:	Phase II Environmental Site Assessment	**Drilling Co:**	TREC Environmental
Client:	Metalico Inc	**Driller:**	Chad Britton
Site Location:	267 Marilla Street - Buffalo, NY	**Rig Type:**	Geoprobe 6600DH - Track Mounted
Job No:	1206.015.001	**Drilling Method(s):**	Direct Push Macro-Core Sampler
Project Manager:	Greg V. Lesniak	**Hammer Wt/Drop:**	N/A
Logged By:	GVL	**Hammer Type:**	N/A
Dates Drilled:	12/20/2013	**Borehole Diam:**	2.125" **Total Depth:** 8' bgs
LOCATION INFORMATION		**WELL INFORMATION**	
Horiz. Datum:	<enter text> **Easting:**	**Ground Elevation:**	**Screen Type/Diam:**
Vert. Datum:	<enter text> **Northing:**	**TOC Elevation:**	**Slot Size:**

Barton & Loguidice, D.P.C. Phase II Environmental Site Assessment BORING NO: B-11

Depth	Sample ID	PID ppmv	Description	Sample No.	Sample Int.	Recovery (ft)	Blows Per 6"	N or RQD %	Lithology	Notes / *Well Construction*
1		0.5	0-0.8' Brown GRAVEL and metal Fill, moist to wet 0.8-3.2' Gray and Black GRAVEL Fill with crushed brick, glass and wood, moist, trace petroleum odor	1	0-4	3.2	-	-		Boring filled with bentonite chips & excess sample to ground surface
2										
3	B-11 2-4'	4.2 (12.7)								
4			4-4.8' SAA, trace petroleum odor, moist							
5	B-11 4-6'	0.9	4.8-8' Gray (grades to Brown) Silty CLAY, moist	2	4-8	4.0	-	-		
6										
7		0.3 (1.1)								
8			End of Boring (EOB) @ 8							Note: PID readings from soil core shown. PID readings in parentheses are headspace readings from bagged sample aliquots.
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										

SUBSURFACE INVESTIGATION LOG

BORING NO. **B-12**

Project No. **1206.015.001**

PROJECT INFORMATION		DRILLING INFORMATION	
Project:	Phase II Environmental Site Assessment	**Drilling Co:**	TREC Environmental
Client:	Metalico Inc	**Driller:**	Chad Britton
Site Location:	267 Marilla Street - Buffalo, NY	**Rig Type:**	Geoprobe 6600DH - Track Mounted
Job No:	1206.015.001	**Drilling Method(s):**	Direct Push Macro-Core Sampler
Project Manager:	Greg V. Lesniak	**Hammer Wt/Drop:**	N/A
Logged By:	GVL	**Hammer Type:**	N/A
Dates Drilled:	12/20/2013	**Borehole Diam:** 2.125"	**Total Depth:** 8' bgs
LOCATION INFORMATION		**WELL INFORMATION**	
Horiz. Datum: <enter text>	**Easting:**	**Ground Elevation:**	**Screen Type/Diam:**
Vert. Datum: <enter text>	**Northing:**	**TOC Elevation:**	**Slot Size:**

Barton & Loguidice, D.P.C. Phase II Environmental Site Assessment BORING NO: B-12

Depth	Sample ID	PID ppmv	Description	Sample No.	Sample Int.	Recovery (ft)	Blows Per 6"	N or RQD %	Lithology	Notes / *Well Construction*
1		0.1	Brown GRAVEL and metal Fill, with minor crushed concrete, ash and cinders, moist							Boring filled with bentonite chips & excess sample to ground surface
2				1	0-4	4.0	-	-		
3		0.0 (1.0)								
4										
5		0.0	4-6.4' Gray (grades to Brown) Silty fine-grained SAND, moist							
6				2	4-8	4.0	-	-		
7		0.0 (0.1)	6.4-8' Brown Silty CLAY, moist							
8			End of Boring (EOB) @ 8							Note: PID readings from soil core shown. PID readings in parentheses are headspace readings from bagged sample aliquots.
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										

Attachment C

Laboratory Analytical Report

January 10, 2014

Service Request No: R1309648

Mr. Greg Lesniak
Barton & Loguidice, PC
11 Centre Park
Suite 203
Rochester, NY 14614

Laboratory Results for: 267 Marilla Street/1206.015.001

Dear Mr. Lesniak:

Enclosed are the results of the sample(s) submitted to our laboratory on December 20, 2013. For your reference, these analyses have been assigned our service request number **R1309648**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7473. You may also contact me via email at Deb.Patton@alsglobal.com.

Respectfully submitted,

ALS Group USA Corp. dba ALS Environmental

Deb Patton
Project Manager

ADDRESS 1565 Jefferson Rd, Building 300, Suite 360, Rochester, NY 14623 PHONE 585-288-5380 | FAX 585-288-8475
ALS GROUP USA, CORP. Part of the ALS Group An ALS Limited Company

ALS Environmental

Client:	Barton & Loguidice	**Service Request No.:**	R1309648
Project:	267 Marilla St	**Date Received:**	12/20/13
Sample Matrix:	Soil/Water		

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples designated for Tier I. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

Twelve solid samples, four water and one trip blank were received for analysis at ALS Rochester on 12/20/13. The samples were received in good condition and within the 0-6°C temperature guidelines.

ALS Environmental is responsible only for the analytical testing and are not directly responsible for the integrity of the sample before laboratory receipt. According to NYS DOH guidance notification (10/15/12) sample results below 200µg/Kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low level specifications.

Metals

Dissolved metals were field filtered.

Site QC was not requested but was analyzed on B-6 5-7 (R1309648-008). All QC was within limits.

All Laboratory Control Samples were within limits.

No analytical or quality control problems were encountered during analysis.

Volatile Organics

The Continuing Calibration Verification (CCV) standard exceeded 20% difference criteria for:
12/30/13- Carbon Disulfide
12/31/13- Carbon Disulfide, Dichlorodifluoromethane, Vinyl Chloride and 2-Hexanone
1/2/14 Lot#375135- 2-Butanone, 4-Methyl-2-Pentanone, Acetone
1/2/14 Lot#375124- 2-Butanone, 4-Methyl-2-Pentanone, Acetone
1/3/14- 1,1,2,2-Tetrachloroethane, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,4-Dichlorobenzene
1/7/14- 2-Butanone, 2-Hexanone, Acetone, Dichlorodifluoromethane, Methyl Acetate and Vinyl Chloride
All detected concentration for these compounds in samples associated with their relevant CCV should be considered as estimated.

Samples that exceed the calibration range of the instrument have been flagged with a "E". Samples are repeated at a dilution and have been flagged with a "D". Both sets of data have been reported.

Surrogate Standards were all acceptable.

Internal Standards (IS) were all acceptable with the following exceptions. Sample B-4 2-4 (R1309648-003), B-5 4-5 (R1309648-006), B-6 5-7 (R1309648-008), B-7 1-4 (R1309648-009), B-11 2-4 (R1309648-012) internals outside of acceptable range, and were confirmed by repeat analysis.

Sample B-7 1-4 (R1309648-009) was repeated for confirmation of Internal Standard outside of the 14 day method specified holding time and has been flagged with a "*" on all compounds.

The Method Blanks were free of contamination with the exception of Bromomethane on 1/2/14 (Lot#375135). Affected data is "B" flagged.

Site specific QC was not requested but was analyzed on sample B-7 1-4 (R1309648-009). The Matrix Spike for Acetone was outside of the control limits and has been flagged with a "*".

The Laboratory Control Samples were outside of control limits as follows:
12/30/13 LCS- Freon 113, 1,1-Dichloroethene and Methyl tert-Butyl Ether
12/31/13 LCS/DLCS- Freon 113, 1,1-Dichloroethene, Carbon Disulfide and DLCS only-Methyl tert-Butyl Ether
1/2/14 (Lot375134) LCS- Freon 113 and Methyl tert-Butyl Ether
1/2/14 (Lot375135) LCS- Freon 113 and Methyl tert-Butyl Ether
1/3/14 LCS- Freon 113 and Methyl tert-Butyl Ether
1/7/14 LCS Freon 113

Sample B-2 GW (R1309648-016) was analyzed at a dilution due to the foamy nature of the sample.

No other analytical or quality control problems were encountered during analysis.

Extractable Organics-8270D

The Continuing Calibration Verification standard exceeded 20% difference for:
12/30/13, 1/2/14, 1/3/14- 2,6-Dinitrotoluene, 2,4-Dinitrotoluene
1/6/14- 2,6-Dinitrotoluene, 2,4-Dinitrotoluene, Hexachlorocyclopentadiene

Surrogate standards are all acceptable with the following exceptions: Samples B-2 5-7 (R1309648-001), B-10 4-6 (R1309648-010) and B-11 4-6 (R1309648-013) had surrogate 2-Fluorobiphenyl outside of the control limits low and have been flagged with a "*". Sample B-2 5-7 (R1309648-001) was confirmed by the Matrix Spike and Duplicate Matrix Spike. Samples B-10 4-6 (R1309648-010) and B-11 4-6 (R1309648-013) were re-extracted outside of the method specified holding time of 144 days and re-analyzed. Both sets of data have been reported.

Sample B-5 1-3 (R1309648-005) was re-extracted outside of the method specified holding time and re-analyzed for confirmation of results.

Site specific QC was not requested but was analyzed on sample B-2 5-7 (R1309648-001). All exceedences have been flagged with a "*".

The Laboratory Control Sample (LCS) and Duplicate Laboratory Control Sample (DLCS) were outside of the QC limits for 2,4-Dinitrotoluene on 12/30/13 and have been flagged with a "*".

The Method Blanks were free of contamination.

No other analytical or quality control problems were encountered during analysis.

PCB's

Surrogate standards are all acceptable with the following exceptions: Surrogate Standards were diluted out for the following samples: B-3 0-2 (R1309648-002), B-5 1-3 (R1309648-005), B-5 4-5 (R1309648-006) B-6 2-4 (R1309648-007), B-11 2-4 (R1309648-012) and have been flagged with a "*" and qualified with a "D".

Sample B-6 2-4 (R1309648-007) has been flagged with a "P" as having greater than 40% difference between the columns.

The Laboratory Control Samples and Duplicate Laboratory Control Samples were within limits.

The Method Blanks were free of contamination.

No other analytical or quality control problems were encountered during analysis.

Approved by _____ **Date** 1/10/14

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1309648

Lab ID	Client ID
R1309648-001	B-2 5-7
R1309648-002	B-3 0-2
R1309648-003	B-4 2-4
R1309648-004	B-4 5-7
R1309648-005	B-5 1-3
R1309648-006	B-5 4-5
R1309648-007	B-6 2-4
R1309648-008	B-6 5-7
R1309648-009	B-7 1-4
R1309648-010	B-10 4-6
R1309648-011	Trip Blank
R1309648-012	B-11 2-4
R1309648-013	B-11 4-6
R1309648-014	B-10 GW
R1309648-015	B-6 GW
R1309648-016	B-2 GW
R1309648-017	B-5 GW

ALS Environmental

REPORT QUALIFIERS AND DEFINITIONS

U Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.

J Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).

B Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.

E Inorganics- Concentration is estimated due to the serial dilution was outside control limits.

E Organics- Concentration has exceeded the calibration range for that specific analysis.

D Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.

* Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.

H Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.

Spike was diluted out.

\+ Correlation coefficient for MSA is <0.995.

N Inorganics- Matrix spike recovery was outside laboratory limits.

N Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.

S Concentration has been determined using Method of Standard Additions (MSA).

W Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.

P Concentration >40% (25% for CLP) difference between the two GC columns.

C Confirmed by GC/MS

Q DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).

X See Case Narrative for discussion.

MRL Method Reporting Limit. Also known as:
LOQ Limit of Quantitation (LOQ)
The lowest concentration at which the method analyte may be reliably quantified under the method conditions.

MDL Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).

LOD Limit of Detection. A value at or above the MDL which has been verified to be detectable.

ND Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

ACCREDITED IN ACCORDANCE WITH nelac

Rochester Lab ID # for State Certifications[1]

NELAP Accredited	Maine ID #NY0032	New Hampshire ID # 294100 A/B
Connecticut ID # PH0556	Nebraska Accredited	
Delaware Accredited	Nevada ID # NY-00032	North Carolina #676
DoD ELAP #65817	New Jersey ID # NY004	Pennsylvania ID# 68-786
Florida ID # E87674	New York ID # 10145	Rhode Island ID # 158
Illinois ID #200047		Virginia #460167

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the laboratory case narrative provided. For a specific list of accredited analytes, refer to http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads/North-America-Downloads

INORGANIC PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	3010A
200.8	ILM05.3
6010C	3010A
6020A	ILM05.3
9014 Cyanide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Acid Soluble	9030B
9056A Bomb (Halogens)	5050A
9066 Manual Distillation	9065
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3010A
6010 SPLP (1312) extract	3010A
7196A	3060A
7199	3060A
9056A Halogens/Halides	5050
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction

For analytical methods not listed, the preparation method is the same as the analytical method reference.

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1045
Sample Matrix:	Soil	**Date Received:**	12/20/13
Sample Name:	B-2 5-7		
Lab Code:	R1309648-001	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**81.6**		Percent	1.0	1	NA	1/2/14 09:19	

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: 12/19/13 1045
Date Received: 12/20/13

Sample Name: B-2 5-7
Lab Code: R1309648-001

Basis: Dry
Percent Solids: 81.6

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**4.0**		mg/Kg	1.2	1	12/31/13	1/3/14 01:47	
Barium, Total	6010C	**110**		mg/Kg	2.4	1	12/31/13	1/3/14 01:47	
Cadmium, Total	6010C	0.59	U	mg/Kg	0.59	1	12/31/13	1/3/14 01:47	
Chromium, Total	6010C	**21.7**		mg/Kg	1.2	1	12/31/13	1/3/14 01:47	
Lead, Total	6010C	**10.5**		mg/Kg	5.9	1	12/31/13	1/3/14 01:47	
Mercury, Total	7471B	0.040	U	mg/Kg	0.040	1	1/ 3/14	1/3/14 17:33	
Selenium, Total	6010C	1.2	U	mg/Kg	1.2	1	12/31/13	1/3/14 01:47	
Silver, Total	6010C	1.2	U	mg/Kg	1.2	1	12/31/13	1/3/14 01:47	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1045
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/30/13 18:45
Sample Name:	B-2 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-001	**Basis:**	Dry
		Percent Solids:	81.6

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6879.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	6.1	U	6.1	
79-34-5	1,1,2,2-Tetrachloroethane	6.1	U	6.1	
79-00-5	1,1,2-Trichloroethane	6.1	U	6.1	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.1	U	6.1	
75-34-3	1,1-Dichloroethane (1,1-DCA)	6.1	U	6.1	
75-35-4	1,1-Dichloroethene (1,1-DCE)	6.1	U	6.1	
120-82-1	1,2,4-Trichlorobenzene	6.1	U	6.1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	6.1	U	6.1	
106-93-4	1,2-Dibromoethane	6.1	U	6.1	
95-50-1	1,2-Dichlorobenzene	6.1	U	6.1	
107-06-2	1,2-Dichloroethane	6.1	U	6.1	
78-87-5	1,2-Dichloropropane	6.1	U	6.1	
541-73-1	1,3-Dichlorobenzene	6.1	U	6.1	
106-46-7	1,4-Dichlorobenzene	6.1	U	6.1	
78-93-3	2-Butanone (MEK)	7.1		6.1	
591-78-6	2-Hexanone	6.1	U	6.1	
108-10-1	4-Methyl-2-pentanone	6.1	U	6.1	
67-64-1	Acetone	53		6.1	
71-43-2	Benzene	6.1	U	6.1	
75-27-4	Bromodichloromethane	6.1	U	6.1	
75-25-2	Bromoform	6.1	U	6.1	
74-83-9	Bromomethane	6.1	U	6.1	
75-15-0	Carbon Disulfide	6.1	U	6.1	
56-23-5	Carbon Tetrachloride	6.1	U	6.1	
108-90-7	Chlorobenzene	6.1	U	6.1	
75-00-3	Chloroethane	6.1	U	6.1	
67-66-3	Chloroform	6.1	U	6.1	
74-87-3	Chloromethane	6.1	U	6.1	
110-82-7	Cyclohexane	6.1	U	6.1	
124-48-1	Dibromochloromethane	6.1	U	6.1	
75-71-8	Dichlorodifluoromethane (CFC 12)	6.1	U	6.1	
75-09-2	Dichloromethane	6.1	U	6.1	
100-41-4	Ethylbenzene	6.1	U	6.1	
98-82-8	Isopropylbenzene (Cumene)	6.1	U	6.1	
79-20-9	Methyl Acetate	6.1	U	6.1	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1045
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/30/13 18:45
Sample Name:	B-2 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-001	**Basis:**	Dry
		Percent Solids:	81.6

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6879.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	6.1	U	6.1	
108-87-2	Methylcyclohexane	6.1	U	6.1	
100-42-5	Styrene	6.1	U	6.1	
127-18-4	Tetrachloroethene (PCE)	6.1	U	6.1	
108-88-3	Toluene	6.1	U	6.1	
79-01-6	Trichloroethene (TCE)	6.1	U	6.1	
75-69-4	Trichlorofluoromethane (CFC 11)	6.1	U	6.1	
75-01-4	Vinyl Chloride	6.1	U	6.1	
156-59-2	cis-1,2-Dichloroethene	6.1	U	6.1	
10061-01-5	cis-1,3-Dichloropropene	6.1	U	6.1	
179601-23-1	m,p-Xylenes	12	U	12	
95-47-6	o-Xylene	6.1	U	6.1	
156-60-5	trans-1,2-Dichloroethene	6.1	U	6.1	
10061-02-6	trans-1,3-Dichloropropene	6.1	U	6.1	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	51-136	12/30/13 18:45	
Dibromofluoromethane	92	63-138	12/30/13 18:45	
Toluene-d8	87	66-138	12/30/13 18:45	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1045
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/2/14 22:08
Sample Name:	B-2 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-001	**Basis:**	Dry
		Percent Solids:	81.6

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375400
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010214\AS477.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	400	U	400	
606-20-2	2,6-Dinitrotoluene	400	U	400	
91-58-7	2-Chloronaphthalene	400	U	400	
91-57-6	2-Methylnaphthalene	400	U	400	
88-74-4	2-Nitroaniline	2100	U	2100	
91-94-1	3,3'-Dichlorobenzidine	400	U	400	
99-09-2	3-Nitroaniline	2100	U	2100	
101-55-3	4-Bromophenyl Phenyl Ether	400	U	400	
106-47-8	4-Chloroaniline	400	U	400	
7005-72-3	4-Chlorophenyl Phenyl Ether	400	U	400	
100-01-6	4-Nitroaniline	2100	U	2100	
83-32-9	Acenaphthene	400	U	400	
208-96-8	Acenaphthylene	400	U	400	
98-86-2	Acetophenone	400	U	400	
120-12-7	Anthracene	400	U	400	
1912-24-9	Atrazine	400	U	400	
56-55-3	Benz(a)anthracene	400	U	400	
100-52-7	Benzaldehyde	2100	U	2100	
50-32-8	Benzo(a)pyrene	400	U	400	
205-99-2	Benzo(b)fluoranthene	400	U	400	
191-24-2	Benzo(g,h,i)perylene	400	U	400	
207-08-9	Benzo(k)fluoranthene	400	U	400	
92-52-4	Biphenyl	400	U	400	
108-60-1	2,2'-Oxybis(1-chloropropane)	400	U	400	
111-91-1	Bis(2-chloroethoxy)methane	400	U	400	
111-44-4	Bis(2-chloroethyl) Ether	400	U	400	
117-81-7	Bis(2-ethylhexyl) Phthalate	400	U	400	
85-68-7	Butyl Benzyl Phthalate	400	U	400	
105-60-2	Caprolactam	400	U	400	
86-74-8	Carbazole	400	U	400	
218-01-9	Chrysene	400	U	400	
84-74-2	Di-n-butyl Phthalate	400	U	400	
117-84-0	Di-n-octyl Phthalate	400	U	400	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1045
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/2/14 22:08
Sample Name:	B-2 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-001	**Basis:**	Dry
		Percent Solids:	81.6

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375400
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010214\AS477.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	400	U	400	
132-64-9	Dibenzofuran	400	U	400	
84-66-2	Diethyl Phthalate	400	U	400	
131-11-3	Dimethyl Phthalate	400	U	400	
206-44-0	Fluoranthene	400	U	400	
86-73-7	Fluorene	400	U	400	
118-74-1	Hexachlorobenzene	400	U	400	
87-68-3	Hexachlorobutadiene	400	U	400	
77-47-4	Hexachlorocyclopentadiene	400	U	400	
67-72-1	Hexachloroethane	400	U	400	
193-39-5	Indeno(1,2,3-cd)pyrene	400	U	400	
78-59-1	Isophorone	400	U	400	
621-64-7	N-Nitrosodi-n-propylamine	400	U	400	
86-30-6	N-Nitrosodiphenylamine	400	U	400	
91-20-3	Naphthalene	400	U	400	
98-95-3	Nitrobenzene	400	U	400	
85-01-8	Phenanthrene	400	U	400	
129-00-0	Pyrene	400	U	400	

Surrogate Name	%Rec		Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	42	*	47-126	1/2/14 22:08	
Nitrobenzene-d5	44		39-136	1/2/14 22:08	
Terphenyl-d14	50		35-152	1/2/14 22:08	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1045
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/31/13
		Date Analyzed:	1/6/14 10:56
Sample Name:	B-2 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-001	**Basis:**	Dry
		Percent Solids:	81.6

Polychlorinated Biphenyls (PCBs) by GC

Analytical Method:	8082A	**Analysis Lot:**	375546
Prep Method:	EPA 3541	**Extraction Lot:**	199779
Data File Name:	I:\ACQUDATA\GCEXT4\DATA\010614\NN798.D\	**Instrument Name:**	R-GC-56
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
12674-11-2	Aroclor 1016	40	U	40	
11104-28-2	Aroclor 1221	82	U	82	
11141-16-5	Aroclor 1232	40	U	40	
53469-21-9	Aroclor 1242	40	U	40	
12672-29-6	Aroclor 1248	40	U	40	
11097-69-1	Aroclor 1254	40	U	40	
11096-82-5	Aroclor 1260	40	U	40	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	77	22-150	1/6/14 10:56	
Tetrachloro-m-xylene	68	10-126	1/6/14 10:56	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1115
Sample Matrix:	Soil	**Date Received:**	12/20/13
Sample Name:	B-3 0-2		
Lab Code:	R1309648-002	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**85.9**		Percent	1.0	1	NA	1/2/14 09:19	

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: 12/19/13 1115
Date Received: 12/20/13

Sample Name: B-3 0-2
Lab Code: R1309648-002

Basis: Dry
Percent Solids: 85.9

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**32.0**		mg/Kg	5.6	5	12/31/13	1/6/14 23:55	
Barium, Total	6010C	**858**		mg/Kg	11	5	12/31/13	1/6/14 23:55	
Cadmium, Total	6010C	**35.4**		mg/Kg	2.8	5	12/31/13	1/6/14 23:55	
Chromium, Total	6010C	**460**		mg/Kg	5.6	5	12/31/13	1/6/14 23:55	
Lead, Total	6010C	**4060**		mg/Kg	28	5	12/31/13	1/6/14 23:55	
Mercury, Total	7471B	**15.1**		mg/Kg	0.35	10	1/ 3/14	1/3/14 17:23	
Selenium, Total	6010C	5.6	U	mg/Kg	5.6	5	12/31/13	1/6/14 23:55	
Silver, Total	6010C	5.6	U	mg/Kg	5.6	5	12/31/13	1/6/14 23:55	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1115
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/31/13 16:53
Sample Name:	B-3 0-2	**Units:**	µg/Kg
Lab Code:	R1309648-002	**Basis:**	Dry
		Percent Solids:	85.9

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375793
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123113\K6888.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.8	U	5.8	
79-34-5	1,1,2,2-Tetrachloroethane	5.8	U	5.8	
79-00-5	1,1,2-Trichloroethane	5.8	U	5.8	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	U	5.8	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.8	U	5.8	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.8	U	5.8	
120-82-1	1,2,4-Trichlorobenzene	5.8	U	5.8	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.8	U	5.8	
106-93-4	1,2-Dibromoethane	5.8	U	5.8	
95-50-1	1,2-Dichlorobenzene	5.8	U	5.8	
107-06-2	1,2-Dichloroethane	5.8	U	5.8	
78-87-5	1,2-Dichloropropane	5.8	U	5.8	
541-73-1	1,3-Dichlorobenzene	5.8	U	5.8	
106-46-7	1,4-Dichlorobenzene	5.8	U	5.8	
78-93-3	2-Butanone (MEK)	5.8	U	5.8	
591-78-6	2-Hexanone	5.8	U	5.8	
108-10-1	4-Methyl-2-pentanone	5.8	U	5.8	
67-64-1	Acetone	5.8	U	5.8	
71-43-2	Benzene	5.8	U	5.8	
75-27-4	Bromodichloromethane	5.8	U	5.8	
75-25-2	Bromoform	5.8	U	5.8	
74-83-9	Bromomethane	5.8	U	5.8	
75-15-0	Carbon Disulfide	5.8	U	5.8	
56-23-5	Carbon Tetrachloride	5.8	U	5.8	
108-90-7	Chlorobenzene	5.8	U	5.8	
75-00-3	Chloroethane	5.8	U	5.8	
67-66-3	Chloroform	5.8	U	5.8	
74-87-3	Chloromethane	5.8	U	5.8	
110-82-7	Cyclohexane	5.8	U	5.8	
124-48-1	Dibromochloromethane	5.8	U	5.8	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.8	U	5.8	
75-09-2	Dichloromethane	5.8	U	5.8	
100-41-4	Ethylbenzene	5.8	U	5.8	
98-82-8	Isopropylbenzene (Cumene)	5.8	U	5.8	
79-20-9	Methyl Acetate	5.8	U	5.8	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1115
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/31/13 16:53
Sample Name:	B-3 0-2	**Units:**	µg/Kg
Lab Code:	R1309648-002	**Basis:**	Dry
		Percent Solids:	85.9

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375793
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123113\K6888.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	5.8	U	5.8	
108-87-2	Methylcyclohexane	5.8	U	5.8	
100-42-5	Styrene	5.8	U	5.8	
127-18-4	Tetrachloroethene (PCE)	5.8	U	5.8	
108-88-3	Toluene	5.8	U	5.8	
79-01-6	Trichloroethene (TCE)	5.8	U	5.8	
75-69-4	Trichlorofluoromethane (CFC 11)	5.8	U	5.8	
75-01-4	Vinyl Chloride	5.8	U	5.8	
156-59-2	cis-1,2-Dichloroethene	5.8	U	5.8	
10061-01-5	cis-1,3-Dichloropropene	5.8	U	5.8	
179601-23-1	m,p-Xylenes	12	U	12	
95-47-6	o-Xylene	5.8	U	5.8	
156-60-5	trans-1,2-Dichloroethene	5.8	U	5.8	
10061-02-6	trans-1,3-Dichloropropene	5.8	U	5.8	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	90	51-136	12/31/13 16:53	
Dibromofluoromethane	97	63-138	12/31/13 16:53	
Toluene-d8	95	66-138	12/31/13 16:53	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1115
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 18:29
Sample Name:	B-3 0-2	**Units:**	µg/Kg
Lab Code:	R1309648-002	**Basis:**	Dry
		Percent Solids:	85.9

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS504.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	770	U	770	
606-20-2	2,6-Dinitrotoluene	770	U	770	
91-58-7	2-Chloronaphthalene	770	U	770	
91-57-6	2-Methylnaphthalene	770	U	770	
88-74-4	2-Nitroaniline	4000	U	4000	
91-94-1	3,3'-Dichlorobenzidine	770	U	770	
99-09-2	3-Nitroaniline	4000	U	4000	
101-55-3	4-Bromophenyl Phenyl Ether	770	U	770	
106-47-8	4-Chloroaniline	770	U	770	
7005-72-3	4-Chlorophenyl Phenyl Ether	770	U	770	
100-01-6	4-Nitroaniline	4000	U	4000	
83-32-9	Acenaphthene	770	U	770	
208-96-8	Acenaphthylene	770	U	770	
98-86-2	Acetophenone	770	U	770	
120-12-7	Anthracene	770	U	770	
1912-24-9	Atrazine	770	U	770	
56-55-3	Benz(a)anthracene	**1300**		770	
100-52-7	Benzaldehyde	4000	U	4000	
50-32-8	Benzo(a)pyrene	**1300**		770	
205-99-2	Benzo(b)fluoranthene	**2200**		770	
191-24-2	Benzo(g,h,i)perylene	**1200**		770	
207-08-9	Benzo(k)fluoranthene	770	U	770	
92-52-4	Biphenyl	770	U	770	
108-60-1	2,2'-Oxybis(1-chloropropane)	770	U	770	
111-91-1	Bis(2-chloroethoxy)methane	770	U	770	
111-44-4	Bis(2-chloroethyl) Ether	770	U	770	
117-81-7	Bis(2-ethylhexyl) Phthalate	**3200**		770	
85-68-7	Butyl Benzyl Phthalate	**10000**		770	
105-60-2	Caprolactam	770	U	770	
86-74-8	Carbazole	770	U	770	
218-01-9	Chrysene	**1400**		770	
84-74-2	Di-n-butyl Phthalate	**1200**		770	
117-84-0	Di-n-octyl Phthalate	770	U	770	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1115
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 18:29
Sample Name:	B-3 0-2	**Units:**	µg/Kg
Lab Code:	R1309648-002	**Basis:**	Dry
		Percent Solids:	85.9

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS504.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	770	U	770	
132-64-9	Dibenzofuran	770	U	770	
84-66-2	Diethyl Phthalate	770	U	770	
131-11-3	Dimethyl Phthalate	770	U	770	
206-44-0	Fluoranthene	**2500**		770	
86-73-7	Fluorene	770	U	770	
118-74-1	Hexachlorobenzene	770	U	770	
87-68-3	Hexachlorobutadiene	770	U	770	
77-47-4	Hexachlorocyclopentadiene	770	U	770	
67-72-1	Hexachloroethane	770	U	770	
193-39-5	Indeno(1,2,3-cd)pyrene	**1100**		770	
78-59-1	Isophorone	770	U	770	
621-64-7	N-Nitrosodi-n-propylamine	770	U	770	
86-30-6	N-Nitrosodiphenylamine	770	U	770	
91-20-3	Naphthalene	770	U	770	
98-95-3	Nitrobenzene	770	U	770	
85-01-8	Phenanthrene	**1400**		770	
129-00-0	Pyrene	**2400**		770	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	56	47-126	1/3/14 18:29	
Nitrobenzene-d5	56	39-136	1/3/14 18:29	
Terphenyl-d14	67	35-152	1/3/14 18:29	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1115
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/31/13
		Date Analyzed:	1/7/14 09:03
Sample Name:	B-3 0-2	**Units:**	µg/Kg
Lab Code:	R1309648-002	**Basis:**	Dry
		Percent Solids:	85.9

Polychlorinated Biphenyls (PCBs) by GC

Analytical Method:	8082A	**Analysis Lot:**	375737
Prep Method:	EPA 3541	**Extraction Lot:**	199779
Data File Name:	I:\ACQUDATA\GCEXT4\DATA\010714\NN822.D\	**Instrument Name:**	R-GC-56
		Dilution Factor:	50

CAS No.	Analyte Name	Result	Q	MRL	Note
12674-11-2	Aroclor 1016	1900	U	1900	
11104-28-2	Aroclor 1221	3900	U	3900	
11141-16-5	Aroclor 1232	1900	U	1900	
53469-21-9	Aroclor 1242	1900	U	1900	
12672-29-6	Aroclor 1248	**6100**		1900	
11097-69-1	Aroclor 1254	**6500**		1900	
11096-82-5	Aroclor 1260	**4600**		1900	

Surrogate Name	%Rec		Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0	*	22-150	1/7/14 09:03	D
Tetrachloro-m-xylene	0	*	10-126	1/7/14 09:03	D

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1150
Sample Matrix:	Soil	**Date Received:**	12/20/13
Sample Name:	B-4 2-4		
Lab Code:	R1309648-003	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**88.2**		Percent	1.0	1	NA	12/30/13 09:17	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1150
Sample Matrix:	Soil	**Date Received:**	12/20/13
Sample Name:	B-4 2-4		
Lab Code:	R1309648-003	**Basis:**	Dry
		Percent Solids:	88.2

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**10.0**		mg/Kg	1.1	1	12/31/13	1/3/14 01:59	
Barium, Total	6010C	**237**		mg/Kg	2.2	1	12/31/13	1/3/14 01:59	
Cadmium, Total	6010C	**6.01**		mg/Kg	0.56	1	12/31/13	1/3/14 01:59	
Chromium, Total	6010C	**71.2**		mg/Kg	1.1	1	12/31/13	1/3/14 01:59	
Lead, Total	6010C	**694**		mg/Kg	5.6	1	12/31/13	1/3/14 01:59	
Mercury, Total	7471B	**9.21**		mg/Kg	0.37	10	1/ 3/14	1/3/14 17:24	
Selenium, Total	6010C	1.1	U	mg/Kg	1.1	1	12/31/13	1/3/14 01:59	
Silver, Total	6010C	1.1	U	mg/Kg	1.1	1	12/31/13	1/3/14 01:59	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1150
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/30/13 13:47
Sample Name:	B-4 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-003	**Basis:**	Dry
		Percent Solids:	88.2

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6871.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.7	U	5.7	
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U	5.7	
79-00-5	1,1,2-Trichloroethane	5.7	U	5.7	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U	5.7	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.7	U	5.7	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.7	U	5.7	
120-82-1	1,2,4-Trichlorobenzene	5.7	U	5.7	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.7	U	5.7	
106-93-4	1,2-Dibromoethane	5.7	U	5.7	
95-50-1	1,2-Dichlorobenzene	5.7	U	5.7	
107-06-2	1,2-Dichloroethane	5.7	U	5.7	
78-87-5	1,2-Dichloropropane	5.7	U	5.7	
541-73-1	1,3-Dichlorobenzene	5.7	U	5.7	
106-46-7	1,4-Dichlorobenzene	5.7	U	5.7	
78-93-3	2-Butanone (MEK)	**25**		5.7	
591-78-6	2-Hexanone	5.7	U	5.7	
108-10-1	4-Methyl-2-pentanone	5.7	U	5.7	
67-64-1	Acetone	**130**		5.7	
71-43-2	Benzene	5.7	U	5.7	
75-27-4	Bromodichloromethane	5.7	U	5.7	
75-25-2	Bromoform	5.7	U	5.7	
74-83-9	Bromomethane	5.7	U	5.7	
75-15-0	Carbon Disulfide	**10**		5.7	
56-23-5	Carbon Tetrachloride	5.7	U	5.7	
108-90-7	Chlorobenzene	5.7	U	5.7	
75-00-3	Chloroethane	5.7	U	5.7	
67-66-3	Chloroform	5.7	U	5.7	
74-87-3	Chloromethane	5.7	U	5.7	
110-82-7	Cyclohexane	5.7	U	5.7	
124-48-1	Dibromochloromethane	5.7	U	5.7	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.7	U	5.7	
75-09-2	Dichloromethane	5.7	U	5.7	
100-41-4	Ethylbenzene	**7.1**		5.7	
98-82-8	Isopropylbenzene (Cumene)	5.7	U	5.7	
79-20-9	Methyl Acetate	5.7	U	5.7	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1150
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/30/13 13:47
Sample Name:	B-4 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-003	**Basis:**	Dry
		Percent Solids:	88.2

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6871.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	5.7	U	5.7	
108-87-2	Methylcyclohexane	5.7	U	5.7	
100-42-5	Styrene	**6.6**		5.7	
127-18-4	Tetrachloroethene (PCE)	5.7	U	5.7	
108-88-3	Toluene	5.7	U	5.7	
79-01-6	Trichloroethene (TCE)	5.7	U	5.7	
75-69-4	Trichlorofluoromethane (CFC 11)	5.7	U	5.7	
75-01-4	Vinyl Chloride	5.7	U	5.7	
156-59-2	cis-1,2-Dichloroethene	5.7	U	5.7	
10061-01-5	cis-1,3-Dichloropropene	5.7	U	5.7	
179601-23-1	m,p-Xylenes	11	U	11	
95-47-6	o-Xylene	**8.9**		5.7	
156-60-5	trans-1,2-Dichloroethene	5.7	U	5.7	
10061-02-6	trans-1,3-Dichloropropene	5.7	U	5.7	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	85	51-136	12/30/13 13:47	
Dibromofluoromethane	99	63-138	12/30/13 13:47	
Toluene-d8	103	66-138	12/30/13 13:47	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1150
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/31/13 17:30
Sample Name:	B-4 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-003	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	88.2

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375793
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123113\K6889.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.7	U	5.7	
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U	5.7	
79-00-5	1,1,2-Trichloroethane	5.7	U	5.7	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U	5.7	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.7	U	5.7	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.7	U	5.7	
120-82-1	1,2,4-Trichlorobenzene	5.7	U	5.7	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.7	U	5.7	
106-93-4	1,2-Dibromoethane	5.7	U	5.7	
95-50-1	1,2-Dichlorobenzene	5.7	U	5.7	
107-06-2	1,2-Dichloroethane	5.7	U	5.7	
78-87-5	1,2-Dichloropropane	5.7	U	5.7	
541-73-1	1,3-Dichlorobenzene	5.7	U	5.7	
106-46-7	1,4-Dichlorobenzene	5.7	U	5.7	
78-93-3	2-Butanone (MEK)	26		5.7	
591-78-6	2-Hexanone	5.7	U	5.7	
108-10-1	4-Methyl-2-pentanone	5.7	U	5.7	
67-64-1	Acetone	120		5.7	
71-43-2	Benzene	5.7	U	5.7	
75-27-4	Bromodichloromethane	5.7	U	5.7	
75-25-2	Bromoform	5.7	U	5.7	
74-83-9	Bromomethane	5.7	U	5.7	
75-15-0	Carbon Disulfide	7.0		5.7	
56-23-5	Carbon Tetrachloride	5.7	U	5.7	
108-90-7	Chlorobenzene	5.7	U	5.7	
75-00-3	Chloroethane	5.7	U	5.7	
67-66-3	Chloroform	5.7	U	5.7	
74-87-3	Chloromethane	5.7	U	5.7	
110-82-7	Cyclohexane	5.7		5.7	
124-48-1	Dibromochloromethane	5.7	U	5.7	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.7	U	5.7	
75-09-2	Dichloromethane	5.7	U	5.7	
100-41-4	Ethylbenzene	5.7	U	5.7	
98-82-8	Isopropylbenzene (Cumene)	5.7	U	5.7	
79-20-9	Methyl Acetate	5.7	U	5.7	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1150
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/31/13 17:30
Sample Name:	B-4 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-003	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	88.2

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375793
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123113\K6889.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	5.7	U	5.7	
108-87-2	Methylcyclohexane	5.7	U	5.7	
100-42-5	Styrene	5.7	U	5.7	
127-18-4	Tetrachloroethene (PCE)	5.7	U	5.7	
108-88-3	Toluene	5.7	U	5.7	
79-01-6	Trichloroethene (TCE)	5.7	U	5.7	
75-69-4	Trichlorofluoromethane (CFC 11)	5.7	U	5.7	
75-01-4	Vinyl Chloride	5.7	U	5.7	
156-59-2	cis-1,2-Dichloroethene	5.7	U	5.7	
10061-01-5	cis-1,3-Dichloropropene	5.7	U	5.7	
179601-23-1	m,p-Xylenes	11	U	11	
95-47-6	o-Xylene	5.7	U	5.7	
156-60-5	trans-1,2-Dichloroethene	5.7	U	5.7	
10061-02-6	trans-1,3-Dichloropropene	5.7	U	5.7	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	51-136	12/31/13 17:30	
Dibromofluoromethane	98	63-138	12/31/13 17:30	
Toluene-d8	91	66-138	12/31/13 17:30	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1150
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 12:52
Sample Name:	B-4 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-003	**Basis:**	Dry
		Percent Solids:	88.2

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS491.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	3

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	2200	U	2200	
606-20-2	2,6-Dinitrotoluene	2200	U	2200	
91-58-7	2-Chloronaphthalene	2200	U	2200	
91-57-6	2-Methylnaphthalene	2200	U	2200	
88-74-4	2-Nitroaniline	12000	U	12000	
91-94-1	3,3'-Dichlorobenzidine	2200	U	2200	
99-09-2	3-Nitroaniline	12000	U	12000	
101-55-3	4-Bromophenyl Phenyl Ether	2200	U	2200	
106-47-8	4-Chloroaniline	2200	U	2200	
7005-72-3	4-Chlorophenyl Phenyl Ether	2200	U	2200	
100-01-6	4-Nitroaniline	12000	U	12000	
83-32-9	Acenaphthene	2200	U	2200	
208-96-8	Acenaphthylene	2200	U	2200	
98-86-2	Acetophenone	2200	U	2200	
120-12-7	Anthracene	2200	U	2200	
1912-24-9	Atrazine	2200	U	2200	
56-55-3	Benz(a)anthracene	2200	U	2200	
100-52-7	Benzaldehyde	12000	U	12000	
50-32-8	Benzo(a)pyrene	2200	U	2200	
205-99-2	Benzo(b)fluoranthene	2200	U	2200	
191-24-2	Benzo(g,h,i)perylene	2200	U	2200	
207-08-9	Benzo(k)fluoranthene	2200	U	2200	
92-52-4	Biphenyl	2200	U	2200	
108-60-1	2,2'-Oxybis(1-chloropropane)	2200	U	2200	
111-91-1	Bis(2-chloroethoxy)methane	2200	U	2200	
111-44-4	Bis(2-chloroethyl) Ether	2200	U	2200	
117-81-7	Bis(2-ethylhexyl) Phthalate	13000		2200	
85-68-7	Butyl Benzyl Phthalate	2200	U	2200	
105-60-2	Caprolactam	2200	U	2200	
86-74-8	Carbazole	2200	U	2200	
218-01-9	Chrysene	2200	U	2200	
84-74-2	Di-n-butyl Phthalate	2200	U	2200	
117-84-0	Di-n-octyl Phthalate	2200	U	2200	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1150
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 12:52
Sample Name:	B-4 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-003	**Basis:**	Dry
		Percent Solids:	88.2

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS491.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	3

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	2200	U	2200	
132-64-9	Dibenzofuran	2200	U	2200	
84-66-2	Diethyl Phthalate	2200	U	2200	
131-11-3	Dimethyl Phthalate	2200	U	2200	
206-44-0	Fluoranthene	2200	U	2200	
86-73-7	Fluorene	2200	U	2200	
118-74-1	Hexachlorobenzene	2200	U	2200	
87-68-3	Hexachlorobutadiene	2200	U	2200	
77-47-4	Hexachlorocyclopentadiene	2200	U	2200	
67-72-1	Hexachloroethane	2200	U	2200	
193-39-5	Indeno(1,2,3-cd)pyrene	2200	U	2200	
78-59-1	Isophorone	2200	U	2200	
621-64-7	N-Nitrosodi-n-propylamine	2200	U	2200	
86-30-6	N-Nitrosodiphenylamine	2200	U	2200	
91-20-3	Naphthalene	2200	U	2200	
98-95-3	Nitrobenzene	2200	U	2200	
85-01-8	Phenanthrene	2200	U	2200	
129-00-0	Pyrene	2200	U	2200	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	63	47-126	1/3/14 12:52	
Nitrobenzene-d5	65	39-136	1/3/14 12:52	
Terphenyl-d14	75	35-152	1/3/14 12:52	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1150
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/31/13
		Date Analyzed:	1/7/14 09:30
Sample Name:	B-4 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-003	**Basis:**	Dry
		Percent Solids:	88.2

Polychlorinated Biphenyls (PCBs) by GC

Analytical Method:	8082A	**Analysis Lot:**	375737
Prep Method:	EPA 3541	**Extraction Lot:**	199779
Data File Name:	I:\ACQUDATA\GCEXT4\DATA\010714\NN823.D\	**Instrument Name:**	R-GC-56
		Dilution Factor:	10

CAS No.	Analyte Name	Result	Q	MRL	Note
12674-11-2	Aroclor 1016	370	U	370	
11104-28-2	Aroclor 1221	760	U	760	
11141-16-5	Aroclor 1232	370	U	370	
53469-21-9	Aroclor 1242	370	U	370	
12672-29-6	Aroclor 1248	2100		370	
11097-69-1	Aroclor 1254	1200		370	
11096-82-5	Aroclor 1260	630		370	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	108	22-150	1/7/14 09:30	
Tetrachloro-m-xylene	72	10-126	1/7/14 09:30	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1152
Sample Matrix:	Soil	**Date Received:**	12/20/13
Sample Name:	B-4 5-7		
Lab Code:	R1309648-004	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**84.0**		Percent	1.0	1	NA	12/30/13 09:17	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: 12/19/13 1152
Date Received: 12/20/13

Sample Name: B-4 5-7
Lab Code: R1309648-004

Basis: Dry
Percent Solids: 84.0

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**7.0**		mg/Kg	1.1	1	12/31/13	1/3/14 02:16	
Barium, Total	6010C	**66.5**		mg/Kg	2.3	1	12/31/13	1/3/14 02:16	
Cadmium, Total	6010C	0.57	U	mg/Kg	0.57	1	12/31/13	1/3/14 02:16	
Chromium, Total	6010C	**18.8**		mg/Kg	1.1	1	12/31/13	1/3/14 02:16	
Lead, Total	6010C	**16.3**		mg/Kg	5.7	1	12/31/13	1/3/14 02:16	
Mercury, Total	7471B	0.044		mg/Kg	0.036	1	1/3/14	1/3/14 17:26	
Selenium, Total	6010C	1.1	U	mg/Kg	1.1	1	12/31/13	1/3/14 02:16	
Silver, Total	6010C	1.1	U	mg/Kg	1.1	1	12/31/13	1/3/14 02:16	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1152
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/30/13 14:24
Sample Name:	B-4 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-004	**Basis:**	Dry
		Percent Solids:	84.0

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6872.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	6.0	U	6.0	
79-34-5	1,1,2,2-Tetrachloroethane	6.0	U	6.0	
79-00-5	1,1,2-Trichloroethane	6.0	U	6.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.0	U	6.0	
75-34-3	1,1-Dichloroethane (1,1-DCA)	6.0	U	6.0	
75-35-4	1,1-Dichloroethene (1,1-DCE)	6.0	U	6.0	
120-82-1	1,2,4-Trichlorobenzene	6.0	U	6.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	6.0	U	6.0	
106-93-4	1,2-Dibromoethane	6.0	U	6.0	
95-50-1	1,2-Dichlorobenzene	6.0	U	6.0	
107-06-2	1,2-Dichloroethane	6.0	U	6.0	
78-87-5	1,2-Dichloropropane	6.0	U	6.0	
541-73-1	1,3-Dichlorobenzene	6.0	U	6.0	
106-46-7	1,4-Dichlorobenzene	6.0	U	6.0	
78-93-3	2-Butanone (MEK)	**7.8**		6.0	
591-78-6	2-Hexanone	6.0	U	6.0	
108-10-1	4-Methyl-2-pentanone	6.0	U	6.0	
67-64-1	Acetone	**52**		6.0	
71-43-2	Benzene	6.0	U	6.0	
75-27-4	Bromodichloromethane	6.0	U	6.0	
75-25-2	Bromoform	6.0	U	6.0	
74-83-9	Bromomethane	6.0	U	6.0	
75-15-0	Carbon Disulfide	6.0	U	6.0	
56-23-5	Carbon Tetrachloride	6.0	U	6.0	
108-90-7	Chlorobenzene	6.0	U	6.0	
75-00-3	Chloroethane	6.0	U	6.0	
67-66-3	Chloroform	6.0	U	6.0	
74-87-3	Chloromethane	6.0	U	6.0	
110-82-7	Cyclohexane	6.0	U	6.0	
124-48-1	Dibromochloromethane	6.0	U	6.0	
75-71-8	Dichlorodifluoromethane (CFC 12)	6.0	U	6.0	
75-09-2	Dichloromethane	6.0	U	6.0	
100-41-4	Ethylbenzene	6.0	U	6.0	
98-82-8	Isopropylbenzene (Cumene)	6.0	U	6.0	
79-20-9	Methyl Acetate	6.0	U	6.0	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1152
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/30/13 14:24
Sample Name:	B-4 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-004	**Basis:**	Dry
		Percent Solids:	84.0

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6872.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	6.0	U	6.0	
108-87-2	Methylcyclohexane	6.0	U	6.0	
100-42-5	Styrene	6.0	U	6.0	
127-18-4	Tetrachloroethene (PCE)	6.0	U	6.0	
108-88-3	Toluene	6.0	U	6.0	
79-01-6	Trichloroethene (TCE)	6.0	U	6.0	
75-69-4	Trichlorofluoromethane (CFC 11)	6.0	U	6.0	
75-01-4	Vinyl Chloride	6.0	U	6.0	
156-59-2	cis-1,2-Dichloroethene	6.0	U	6.0	
10061-01-5	cis-1,3-Dichloropropene	6.0	U	6.0	
179601-23-1	m,p-Xylenes	12	U	12	
95-47-6	o-Xylene	6.0	U	6.0	
156-60-5	trans-1,2-Dichloroethene	6.0	U	6.0	
10061-02-6	trans-1,3-Dichloropropene	6.0	U	6.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	51-136	12/30/13 14:24	
Dibromofluoromethane	95	63-138	12/30/13 14:24	
Toluene-d8	90	66-138	12/30/13 14:24	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1152
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 13:17
Sample Name:	B-4 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-004	**Basis:**	Dry
		Percent Solids:	84.0

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS492.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	390	U	390	
606-20-2	2,6-Dinitrotoluene	390	U	390	
91-58-7	2-Chloronaphthalene	390	U	390	
91-57-6	2-Methylnaphthalene	390	U	390	
88-74-4	2-Nitroaniline	2000	U	2000	
91-94-1	3,3'-Dichlorobenzidine	390	U	390	
99-09-2	3-Nitroaniline	2000	U	2000	
101-55-3	4-Bromophenyl Phenyl Ether	390	U	390	
106-47-8	4-Chloroaniline	390	U	390	
7005-72-3	4-Chlorophenyl Phenyl Ether	390	U	390	
100-01-6	4-Nitroaniline	2000	U	2000	
83-32-9	Acenaphthene	390	U	390	
208-96-8	Acenaphthylene	390	U	390	
98-86-2	Acetophenone	390	U	390	
120-12-7	Anthracene	390	U	390	
1912-24-9	Atrazine	390	U	390	
56-55-3	Benz(a)anthracene	390	U	390	
100-52-7	Benzaldehyde	2000	U	2000	
50-32-8	Benzo(a)pyrene	390	U	390	
205-99-2	Benzo(b)fluoranthene	390	U	390	
191-24-2	Benzo(g,h,i)perylene	390	U	390	
207-08-9	Benzo(k)fluoranthene	390	U	390	
92-52-4	Biphenyl	390	U	390	
108-60-1	2,2'-Oxybis(1-chloropropane)	390	U	390	
111-91-1	Bis(2-chloroethoxy)methane	390	U	390	
111-44-4	Bis(2-chloroethyl) Ether	390	U	390	
117-81-7	Bis(2-ethylhexyl) Phthalate	390	U	390	
85-68-7	Butyl Benzyl Phthalate	390	U	390	
105-60-2	Caprolactam	390	U	390	
86-74-8	Carbazole	390	U	390	
218-01-9	Chrysene	390	U	390	
84-74-2	Di-n-butyl Phthalate	390	U	390	
117-84-0	Di-n-octyl Phthalate	390	U	390	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1152
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 13:17
Sample Name:	B-4 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-004	**Basis:**	Dry
		Percent Solids:	84.0

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS492.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	390	U	390	
132-64-9	Dibenzofuran	390	U	390	
84-66-2	Diethyl Phthalate	390	U	390	
131-11-3	Dimethyl Phthalate	390	U	390	
206-44-0	Fluoranthene	390	U	390	
86-73-7	Fluorene	390	U	390	
118-74-1	Hexachlorobenzene	390	U	390	
87-68-3	Hexachlorobutadiene	390	U	390	
77-47-4	Hexachlorocyclopentadiene	390	U	390	
67-72-1	Hexachloroethane	390	U	390	
193-39-5	Indeno(1,2,3-cd)pyrene	390	U	390	
78-59-1	Isophorone	390	U	390	
621-64-7	N-Nitrosodi-n-propylamine	390	U	390	
86-30-6	N-Nitrosodiphenylamine	390	U	390	
91-20-3	Naphthalene	390	U	390	
98-95-3	Nitrobenzene	390	U	390	
85-01-8	Phenanthrene	390	U	390	
129-00-0	Pyrene	390	U	390	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	48	47-126	1/3/14 13:17	
Nitrobenzene-d5	48	39-136	1/3/14 13:17	
Terphenyl-d14	54	35-152	1/3/14 13:17	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1152
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/31/13
		Date Analyzed:	1/6/14 18:17
Sample Name:	B-4 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-004	**Basis:**	Dry
		Percent Solids:	84.0

Polychlorinated Biphenyls (PCBs) by GC

Analytical Method:	8082A	**Analysis Lot:**	375546
Prep Method:	EPA 3541	**Extraction Lot:**	199779
Data File Name:	I:\ACQUDATA\GCEXT4\DATA\010614\NN814.D\	**Instrument Name:**	R-GC-56
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
12674-11-2	Aroclor 1016	39	U	39	
11104-28-2	Aroclor 1221	80	U	80	
11141-16-5	Aroclor 1232	39	U	39	
53469-21-9	Aroclor 1242	39	U	39	
12672-29-6	Aroclor 1248	39	U	39	
11097-69-1	Aroclor 1254	39	U	39	
11096-82-5	Aroclor 1260	39	U	39	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	68	22-150	1/6/14 18:17	
Tetrachloro-m-xylene	62	10-126	1/6/14 18:17	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1230
Sample Matrix:	Soil	**Date Received:**	12/20/13
Sample Name:	B-5 1-3		
Lab Code:	R1309648-005	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	90.4		Percent	1.0	1	NA	1/2/14 09:19	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: 12/19/13 1230
Date Received: 12/20/13

Sample Name: B-5 1-3
Lab Code: R1309648-005

Basis: Dry
Percent Solids: 90.4

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**19.1**		mg/Kg	5.3	5	12/31/13	1/7/14 00:07	
Barium, Total	6010C	**357**		mg/Kg	11	5	12/31/13	1/7/14 00:07	
Cadmium, Total	6010C	**21.7**		mg/Kg	2.6	5	12/31/13	1/7/14 00:07	
Chromium, Total	6010C	**637**		mg/Kg	5.3	5	12/31/13	1/7/14 00:07	
Lead, Total	6010C	**1170**		mg/Kg	26	5	12/31/13	1/7/14 00:07	
Mercury, Total	7471B	**4.93**		mg/Kg	0.34	10	1/ 3/14	1/3/14 17:28	
Selenium, Total	6010C	5.3	U	mg/Kg	5.3	5	12/31/13	1/7/14 00:07	
Silver, Total	6010C	5.3	U	mg/Kg	5.3	5	12/31/13	1/7/14 00:07	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1230
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	1/2/14 14:16
Sample Name:	B-5 1-3	**Units:**	µg/Kg
Lab Code:	R1309648-005	**Basis:**	Dry
		Percent Solids:	90.4

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375135
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5151.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	125

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	140	U	140	
79-34-5	1,1,2,2-Tetrachloroethane	140	U	140	
79-00-5	1,1,2-Trichloroethane	140	U	140	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	140	U	140	
75-34-3	1,1-Dichloroethane (1,1-DCA)	140	U	140	
75-35-4	1,1-Dichloroethene (1,1-DCE)	140	U	140	
120-82-1	1,2,4-Trichlorobenzene	**140**		140	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	280	U	280	
106-93-4	1,2-Dibromoethane	140	U	140	
95-50-1	1,2-Dichlorobenzene	140	U	140	
107-06-2	1,2-Dichloroethane	140	U	140	
78-87-5	1,2-Dichloropropane	140	U	140	
541-73-1	1,3-Dichlorobenzene	140	U	140	
106-46-7	1,4-Dichlorobenzene	140	U	140	
78-93-3	2-Butanone (MEK)	690	U	690	
591-78-6	2-Hexanone	690	U	690	
108-10-1	4-Methyl-2-pentanone	690	U	690	
67-64-1	Acetone	**790**		690	
71-43-2	Benzene	**1600**		140	
75-27-4	Bromodichloromethane	140	U	140	
75-25-2	Bromoform	140	U	140	
74-83-9	Bromomethane	**210**	B	140	
75-15-0	Carbon Disulfide	140	U	140	
56-23-5	Carbon Tetrachloride	140	U	140	
108-90-7	Chlorobenzene	140	U	140	
75-00-3	Chloroethane	140	U	140	
67-66-3	Chloroform	140	U	140	
74-87-3	Chloromethane	140	U	140	
110-82-7	Cyclohexane	**350**		140	
124-48-1	Dibromochloromethane	140	U	140	
75-71-8	Dichlorodifluoromethane (CFC 12)	140	U	140	
75-09-2	Dichloromethane	140	U	140	
100-41-4	Ethylbenzene	**9700**		140	
98-82-8	Isopropylbenzene (Cumene)	**1500**		140	
79-20-9	Methyl Acetate	280	U	280	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1230
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	1/2/14 14:16
Sample Name:	B-5 1-3	**Units:**	µg/Kg
Lab Code:	R1309648-005	**Basis:**	Dry
		Percent Solids:	90.4

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375135
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5151.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	125

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	140	U	140	
108-87-2	Methylcyclohexane	**2200**		140	
100-42-5	Styrene	140	U	140	
127-18-4	Tetrachloroethene (PCE)	140	U	140	
108-88-3	Toluene	**510**		140	
79-01-6	Trichloroethene (TCE)	140	U	140	
75-69-4	Trichlorofluoromethane (CFC 11)	140	U	140	
75-01-4	Vinyl Chloride	140	U	140	
156-59-2	cis-1,2-Dichloroethene	140	U	140	
10061-01-5	cis-1,3-Dichloropropene	140	U	140	
179601-23-1	m,p-Xylenes	**53000**		280	
95-47-6	o-Xylene	**35000**	E	140	
156-60-5	trans-1,2-Dichloroethene	140	U	140	
10061-02-6	trans-1,3-Dichloropropene	140	U	140	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	110	85-122	1/2/14 14:16	
Dibromofluoromethane	99	89-119	1/2/14 14:16	
Toluene-d8	101	87-121	1/2/14 14:16	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1230
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	1/2/14 21:28
Sample Name:	B-5 1-3	**Units:**	µg/Kg
Lab Code:	R1309648-005	**Basis:**	Dry
Run Type:	Dilution	**Percent Solids:**	90.4

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375135
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5165.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	250

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	280	U	280	
79-34-5	1,1,2,2-Tetrachloroethane	280	U	280	
79-00-5	1,1,2-Trichloroethane	280	U	280	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	280	U	280	
75-34-3	1,1-Dichloroethane (1,1-DCA)	280	U	280	
75-35-4	1,1-Dichloroethene (1,1-DCE)	280	U	280	
120-82-1	1,2,4-Trichlorobenzene	280	U	280	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	550	U	550	
106-93-4	1,2-Dibromoethane	280	U	280	
95-50-1	1,2-Dichlorobenzene	280	U	280	
107-06-2	1,2-Dichloroethane	280	U	280	
78-87-5	1,2-Dichloropropane	280	U	280	
541-73-1	1,3-Dichlorobenzene	280	U	280	
106-46-7	1,4-Dichlorobenzene	280	U	280	
78-93-3	2-Butanone (MEK)	1400	U	1400	
591-78-6	2-Hexanone	1400	U	1400	
108-10-1	4-Methyl-2-pentanone	1400	U	1400	
67-64-1	Acetone	1400	U	1400	
71-43-2	Benzene	**1500**	D	280	
75-27-4	Bromodichloromethane	280	U	280	
75-25-2	Bromoform	280	U	280	
74-83-9	Bromomethane	280	U	280	
75-15-0	Carbon Disulfide	280	U	280	
56-23-5	Carbon Tetrachloride	280	U	280	
108-90-7	Chlorobenzene	280	U	280	
75-00-3	Chloroethane	280	U	280	
67-66-3	Chloroform	280	U	280	
74-87-3	Chloromethane	280	U	280	
110-82-7	Cyclohexane	280	U	280	
124-48-1	Dibromochloromethane	280	U	280	
75-71-8	Dichlorodifluoromethane (CFC 12)	280	U	280	
75-09-2	Dichloromethane	280	U	280	
100-41-4	Ethylbenzene	**9000**	D	280	
98-82-8	Isopropylbenzene (Cumene)	**1400**	D	280	
79-20-9	Methyl Acetate	550	U	550	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1230
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	1/2/14 21:28
Sample Name:	B-5 1-3	**Units:**	µg/Kg
Lab Code:	R1309648-005	**Basis:**	Dry
Run Type:	Dilution	**Percent Solids:**	90.4

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375135
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5165.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	250

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	280	U	280	
108-87-2	Methylcyclohexane	**2000**	D	280	
100-42-5	Styrene	280	U	280	
127-18-4	Tetrachloroethene (PCE)	280	U	280	
108-88-3	Toluene	**510**	D	280	
79-01-6	Trichloroethene (TCE)	280	U	280	
75-69-4	Trichlorofluoromethane (CFC 11)	280	U	280	
75-01-4	Vinyl Chloride	280	U	280	
156-59-2	cis-1,2-Dichloroethene	280	U	280	
10061-01-5	cis-1,3-Dichloropropene	280	U	280	
179601-23-1	m,p-Xylenes	**50000**	D	550	
95-47-6	o-Xylene	**32000**	D	280	
156-60-5	trans-1,2-Dichloroethene	280	U	280	
10061-02-6	trans-1,3-Dichloropropene	280	U	280	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85-122	1/2/14 21:28	
Dibromofluoromethane	99	89-119	1/2/14 21:28	
Toluene-d8	100	87-121	1/2/14 21:28	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1230
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 17:10
Sample Name:	B-5 1-3	**Units:**	µg/Kg
Lab Code:	R1309648-005	**Basis:**	Dry
		Percent Solids:	90.4

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS501.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	4

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	2900	U	2900	
606-20-2	2,6-Dinitrotoluene	2900	U	2900	
91-58-7	2-Chloronaphthalene	2900	U	2900	
91-57-6	2-Methylnaphthalene	**3000**		2900	
88-74-4	2-Nitroaniline	15000	U	15000	
91-94-1	3,3'-Dichlorobenzidine	2900	U	2900	
99-09-2	3-Nitroaniline	15000	U	15000	
101-55-3	4-Bromophenyl Phenyl Ether	2900	U	2900	
106-47-8	4-Chloroaniline	2900	U	2900	
7005-72-3	4-Chlorophenyl Phenyl Ether	2900	U	2900	
100-01-6	4-Nitroaniline	15000	U	15000	
83-32-9	Acenaphthene	2900	U	2900	
208-96-8	Acenaphthylene	2900	U	2900	
98-86-2	Acetophenone	2900	U	2900	
120-12-7	Anthracene	2900	U	2900	
1912-24-9	Atrazine	2900	U	2900	
56-55-3	Benz(a)anthracene	2900	U	2900	
100-52-7	Benzaldehyde	15000	U	15000	
50-32-8	Benzo(a)pyrene	2900	U	2900	
205-99-2	Benzo(b)fluoranthene	**4200**		2900	
191-24-2	Benzo(g,h,i)perylene	2900	U	2900	
207-08-9	Benzo(k)fluoranthene	2900	U	2900	
92-52-4	Biphenyl	2900	U	2900	
108-60-1	2,2'-Oxybis(1-chloropropane)	2900	U	2900	
111-91-1	Bis(2-chloroethoxy)methane	2900	U	2900	
111-44-4	Bis(2-chloroethyl) Ether	2900	U	2900	
117-81-7	Bis(2-ethylhexyl) Phthalate	**21000**		2900	
85-68-7	Butyl Benzyl Phthalate	**4400**		2900	
105-60-2	Caprolactam	2900	U	2900	
86-74-8	Carbazole	2900	U	2900	
218-01-9	Chrysene	2900	U	2900	
84-74-2	Di-n-butyl Phthalate	2900	U	2900	
117-84-0	Di-n-octyl Phthalate	2900	U	2900	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1230
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 17:10
Sample Name:	B-5 1-3	**Units:**	µg/Kg
Lab Code:	R1309648-005	**Basis:**	Dry
		Percent Solids:	90.4

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS501.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	4

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	2900	U	2900	
132-64-9	Dibenzofuran	2900	U	2900	
84-66-2	Diethyl Phthalate	2900	U	2900	
131-11-3	Dimethyl Phthalate	2900	U	2900	
206-44-0	Fluoranthene	**5500**		2900	
86-73-7	Fluorene	2900	U	2900	
118-74-1	Hexachlorobenzene	2900	U	2900	
87-68-3	Hexachlorobutadiene	2900	U	2900	
77-47-4	Hexachlorocyclopentadiene	2900	U	2900	
67-72-1	Hexachloroethane	2900	U	2900	
193-39-5	Indeno(1,2,3-cd)pyrene	2900	U	2900	
78-59-1	Isophorone	2900	U	2900	
621-64-7	N-Nitrosodi-n-propylamine	2900	U	2900	
86-30-6	N-Nitrosodiphenylamine	2900	U	2900	
91-20-3	Naphthalene	**4900**		2900	
98-95-3	Nitrobenzene	2900	U	2900	
85-01-8	Phenanthrene	**3800**		2900	
129-00-0	Pyrene	**5200**		2900	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	68	47-126	1/3/14 17:10	
Nitrobenzene-d5	69	39-136	1/3/14 17:10	
Terphenyl-d14	86	35-152	1/3/14 17:10	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1230
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	1/6/14
		Date Analyzed:	1/7/14 18:52
Sample Name:	B-5 1-3	**Units:**	µg/Kg
Lab Code:	R1309648-005	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	90.4

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375770
Prep Method:	EPA 3541	**Extraction Lot:**	200097
Data File Name:	I:\ACQUDATA\5973A\DATA\010714\CU874.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	5

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	1800	U	1800	*
606-20-2	2,6-Dinitrotoluene	1800	U	1800	*
91-58-7	2-Chloronaphthalene	1800	U	1800	*
91-57-6	2-Methylnaphthalene	**5200**		1800	*
88-74-4	2-Nitroaniline	9400	U	9400	*
91-94-1	3,3'-Dichlorobenzidine	1800	U	1800	*
99-09-2	3-Nitroaniline	9400	U	9400	*
101-55-3	4-Bromophenyl Phenyl Ether	1800	U	1800	*
106-47-8	4-Chloroaniline	1800	U	1800	*
7005-72-3	4-Chlorophenyl Phenyl Ether	1800	U	1800	*
100-01-6	4-Nitroaniline	9400	U	9400	*
83-32-9	Acenaphthene	1800	U	1800	*
208-96-8	Acenaphthylene	1800	U	1800	*
98-86-2	Acetophenone	1800	U	1800	*
120-12-7	Anthracene	1800	U	1800	*
1912-24-9	Atrazine	1800	U	1800	*
56-55-3	Benz(a)anthracene	1800	U	1800	*
100-52-7	Benzaldehyde	9400	U	9400	*
50-32-8	Benzo(a)pyrene	1800	U	1800	*
205-99-2	Benzo(b)fluoranthene	1800	U	1800	*
191-24-2	Benzo(g,h,i)perylene	1800	U	1800	*
207-08-9	Benzo(k)fluoranthene	1800	U	1800	*
92-52-4	Biphenyl	1800	U	1800	*
108-60-1	2,2'-Oxybis(1-chloropropane)	1800	U	1800	*
111-91-1	Bis(2-chloroethoxy)methane	1800	U	1800	*
111-44-4	Bis(2-chloroethyl) Ether	1800	U	1800	*
117-81-7	Bis(2-ethylhexyl) Phthalate	**3800**		1800	*
85-68-7	Butyl Benzyl Phthalate	1800	U	1800	*
105-60-2	Caprolactam	1800	U	1800	*
86-74-8	Carbazole	1800	U	1800	*
218-01-9	Chrysene	1800	U	1800	*
84-74-2	Di-n-butyl Phthalate	1800	U	1800	*
117-84-0	Di-n-octyl Phthalate	1800	U	1800	*

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1230
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	1/6/14
		Date Analyzed:	1/7/14 18:52
Sample Name:	B-5 1-3	**Units:**	µg/Kg
Lab Code:	R1309648-005	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	90.4

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375770
Prep Method:	EPA 3541	**Extraction Lot:**	200097
Data File Name:	I:\ACQUDATA\5973A\DATA\010714\CU874.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	5

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	1800	U	1800	*
132-64-9	Dibenzofuran	1800	U	1800	*
84-66-2	Diethyl Phthalate	1800	U	1800	*
131-11-3	Dimethyl Phthalate	1800	U	1800	*
206-44-0	Fluoranthene	**3700**		1800	*
86-73-7	Fluorene	1800	U	1800	*
118-74-1	Hexachlorobenzene	1800	U	1800	*
87-68-3	Hexachlorobutadiene	1800	U	1800	*
77-47-4	Hexachlorocyclopentadiene	1800	U	1800	*
67-72-1	Hexachloroethane	1800	U	1800	*
193-39-5	Indeno(1,2,3-cd)pyrene	1800	U	1800	*
78-59-1	Isophorone	1800	U	1800	*
621-64-7	N-Nitrosodi-n-propylamine	1800	U	1800	*
86-30-6	N-Nitrosodiphenylamine	1800	U	1800	*
91-20-3	Naphthalene	**6600**		1800	*
98-95-3	Nitrobenzene	1800	U	1800	*
85-01-8	Phenanthrene	**2500**		1800	*
129-00-0	Pyrene	**2200**		1800	*

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	78	47-126	1/7/14 18:52	
Nitrobenzene-d5	74	39-136	1/7/14 18:52	
Terphenyl-d14	52	35-152	1/7/14 18:52	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1230
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/31/13
		Date Analyzed:	1/7/14 09:57
Sample Name:	B-5 1-3	**Units:**	µg/Kg
Lab Code:	R1309648-005	**Basis:**	Dry
		Percent Solids:	90.4

Polychlorinated Biphenyls (PCBs) by GC

Analytical Method:	8082A	**Analysis Lot:**	375737
Prep Method:	EPA 3541	**Extraction Lot:**	199779
Data File Name:	I:\ACQUDATA\GCEXT4\DATA\010714\NN824.D\	**Instrument Name:**	R-GC-56
		Dilution Factor:	50

CAS No.	Analyte Name	Result	Q	MRL	Note
12674-11-2	Aroclor 1016	1800	U	1800	
11104-28-2	Aroclor 1221	3700	U	3700	
11141-16-5	Aroclor 1232	1800	U	1800	
53469-21-9	Aroclor 1242	1800	U	1800	
12672-29-6	Aroclor 1248	3400		1800	
11097-69-1	Aroclor 1254	4900		1800	
11096-82-5	Aroclor 1260	1900		1800	

Surrogate Name	%Rec		Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0	*	22-150	1/7/14 09:57	D
Tetrachloro-m-xylene	0	*	10-126	1/7/14 09:57	D

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1232
Sample Matrix:	Soil	**Date Received:**	12/20/13
Sample Name:	B-5 4-5		
Lab Code:	R1309648-006	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**84.8**		Percent	1.0	1	NA	1/2/14 09:19	

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Analytical Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: 12/19/13 1232
Date Received: 12/20/13

Sample Name: B-5 4-5
Lab Code: R1309648-006

Basis: Dry
Percent Solids: 84.8

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**25.1**		mg/Kg	5.8	5	12/31/13	1/7/14 00:13	
Barium, Total	6010C	**990**		mg/Kg	12	5	12/31/13	1/7/14 00:13	
Cadmium, Total	6010C	**72.2**		mg/Kg	2.9	5	12/31/13	1/7/14 00:13	
Chromium, Total	6010C	**323**		mg/Kg	5.8	5	12/31/13	1/7/14 00:13	
Lead, Total	6010C	**2060**		mg/Kg	29	5	12/31/13	1/7/14 00:13	
Mercury, Total	7471B	**4.21**		mg/Kg	0.36	10	1/3/14	1/3/14 17:35	
Selenium, Total	6010C	5.8	U	mg/Kg	5.8	5	12/31/13	1/7/14 00:13	
Silver, Total	6010C	5.8	U	mg/Kg	5.8	5	12/31/13	1/7/14 00:13	

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Analytical Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: 12/19/13 1232
Date Received: 12/20/13
Date Analyzed: 12/30/13 18:08

Sample Name: B-5 4-5
Lab Code: R1309648-006

Units: µg/Kg
Basis: Dry
Percent Solids: 84.8

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: I:\ACQUDATA\MSVOA7\DATA\123013\K6878.D\

Analysis Lot: 374791
Instrument Name: R-MS-07
Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.9	U	5.9	
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U	5.9	
79-00-5	1,1,2-Trichloroethane	5.9	U	5.9	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.9	U	5.9	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.9	U	5.9	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.9	U	5.9	
120-82-1	1,2,4-Trichlorobenzene	5.9	U	5.9	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.9	U	5.9	
106-93-4	1,2-Dibromoethane	5.9	U	5.9	
95-50-1	1,2-Dichlorobenzene	5.9	U	5.9	
107-06-2	1,2-Dichloroethane	5.9	U	5.9	
78-87-5	1,2-Dichloropropane	5.9	U	5.9	
541-73-1	1,3-Dichlorobenzene	5.9	U	5.9	
106-46-7	1,4-Dichlorobenzene	5.9	U	5.9	
78-93-3	2-Butanone (MEK)	**56**		5.9	
591-78-6	2-Hexanone	5.9	U	5.9	
108-10-1	4-Methyl-2-pentanone	**9.9**		5.9	
67-64-1	Acetone	**320**	E	5.9	
71-43-2	Benzene	5.9	U	5.9	
75-27-4	Bromodichloromethane	5.9	U	5.9	
75-25-2	Bromoform	5.9	U	5.9	
74-83-9	Bromomethane	5.9	U	5.9	
75-15-0	Carbon Disulfide	5.9	U	5.9	
56-23-5	Carbon Tetrachloride	5.9	U	5.9	
108-90-7	Chlorobenzene	5.9	U	5.9	
75-00-3	Chloroethane	5.9	U	5.9	
67-66-3	Chloroform	5.9	U	5.9	
74-87-3	Chloromethane	5.9	U	5.9	
110-82-7	Cyclohexane	**9.9**		5.9	
124-48-1	Dibromochloromethane	5.9	U	5.9	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.9	U	5.9	
75-09-2	Dichloromethane	5.9	U	5.9	
100-41-4	Ethylbenzene	**13**		5.9	
98-82-8	Isopropylbenzene (Cumene)	5.9	U	5.9	
79-20-9	Methyl Acetate	5.9	U	5.9	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1232
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/30/13 18:08
Sample Name:	B-5 4-5	**Units:**	µg/Kg
Lab Code:	R1309648-006	**Basis:**	Dry
		Percent Solids:	84.8

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6878.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	5.9	U	5.9	
108-87-2	Methylcyclohexane	**7.4**		5.9	
100-42-5	Styrene	5.9	U	5.9	
127-18-4	Tetrachloroethene (PCE)	5.9	U	5.9	
108-88-3	Toluene	5.9	U	5.9	
79-01-6	Trichloroethene (TCE)	5.9	U	5.9	
75-69-4	Trichlorofluoromethane (CFC 11)	5.9	U	5.9	
75-01-4	Vinyl Chloride	5.9	U	5.9	
156-59-2	cis-1,2-Dichloroethene	5.9	U	5.9	
10061-01-5	cis-1,3-Dichloropropene	5.9	U	5.9	
179601-23-1	m,p-Xylenes	**28**		12	
95-47-6	o-Xylene	**8.8**		5.9	
156-60-5	trans-1,2-Dichloroethene	5.9	U	5.9	
10061-02-6	trans-1,3-Dichloropropene	5.9	U	5.9	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	51-136	12/30/13 18:08	
Dibromofluoromethane	91	63-138	12/30/13 18:08	
Toluene-d8	90	66-138	12/30/13 18:08	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1232
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/31/13 18:44
Sample Name:	B-5 4-5	**Units:**	µg/Kg
Lab Code:	R1309648-006	**Basis:**	Dry
Run Type:	Dilution	**Percent Solids:**	84.8

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375793
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123113\K6891.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	2.5

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	15	U	15	
79-34-5	1,1,2,2-Tetrachloroethane	15	U	15	
79-00-5	1,1,2-Trichloroethane	15	U	15	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	15	U	15	
75-34-3	1,1-Dichloroethane (1,1-DCA)	15	U	15	
75-35-4	1,1-Dichloroethene (1,1-DCE)	15	U	15	
120-82-1	1,2,4-Trichlorobenzene	**73**	D	15	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	15	U	15	
106-93-4	1,2-Dibromoethane	15	U	15	
95-50-1	1,2-Dichlorobenzene	**130**	D	15	
107-06-2	1,2-Dichloroethane	15	U	15	
78-87-5	1,2-Dichloropropane	15	U	15	
541-73-1	1,3-Dichlorobenzene	15	U	15	
106-46-7	1,4-Dichlorobenzene	**21**	D	15	
78-93-3	2-Butanone (MEK)	**120**	D	15	
591-78-6	2-Hexanone	15	U	15	
108-10-1	4-Methyl-2-pentanone	**25**	D	15	
67-64-1	Acetone	**550**	D	15	
71-43-2	Benzene	**27**	D	15	
75-27-4	Bromodichloromethane	15	U	15	
75-25-2	Bromoform	15	U	15	
74-83-9	Bromomethane	15	U	15	
75-15-0	Carbon Disulfide	**25**	D	15	
56-23-5	Carbon Tetrachloride	15	U	15	
108-90-7	Chlorobenzene	15	U	15	
75-00-3	Chloroethane	15	U	15	
67-66-3	Chloroform	15	U	15	
74-87-3	Chloromethane	15	U	15	
110-82-7	Cyclohexane	**140**	D	15	
124-48-1	Dibromochloromethane	15	U	15	
75-71-8	Dichlorodifluoromethane (CFC 12)	15	U	15	
75-09-2	Dichloromethane	15	U	15	
100-41-4	Ethylbenzene	**270**	D	15	
98-82-8	Isopropylbenzene (Cumene)	**57**	D	15	
79-20-9	Methyl Acetate	15	U	15	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1232
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/31/13 18:44
Sample Name:	B-5 4-5	**Units:**	µg/Kg
Lab Code:	R1309648-006	**Basis:**	Dry
Run Type:	Dilution	**Percent Solids:**	84.8

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375793
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\I23113\K6891.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	2.5

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	15	U	15	
108-87-2	Methylcyclohexane	**89**	D	15	
100-42-5	Styrene	15	U	15	
127-18-4	Tetrachloroethene (PCE)	15	U	15	
108-88-3	Toluene	**50**	D	15	
79-01-6	Trichloroethene (TCE)	15	U	15	
75-69-4	Trichlorofluoromethane (CFC 11)	15	U	15	
75-01-4	Vinyl Chloride	15	U	15	
156-59-2	cis-1,2-Dichloroethene	15	U	15	
10061-01-5	cis-1,3-Dichloropropene	15	U	15	
179601-23-1	m,p-Xylenes	**610**	D	**29**	
95-47-6	o-Xylene	**130**	D	15	
156-60-5	trans-1,2-Dichloroethene	15	U	15	
10061-02-6	trans-1,3-Dichloropropene	15	U	15	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	84	51-136	12/31/13 18:44	
Dibromofluoromethane	95	63-138	12/31/13 18:44	
Toluene-d8	102	66-138	12/31/13 18:44	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1232
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 14:09
Sample Name:	B-5 4-5	**Units:**	µg/Kg
Lab Code:	R1309648-006	**Basis:**	Dry
		Percent Solids:	84.8

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS494.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	780	U	780	
606-20-2	2,6-Dinitrotoluene	780	U	780	
91-58-7	2-Chloronaphthalene	780	U	780	
91-57-6	2-Methylnaphthalene	780	U	780	
88-74-4	2-Nitroaniline	4000	U	4000	
91-94-1	3,3'-Dichlorobenzidine	780	U	780	
99-09-2	3-Nitroaniline	4000	U	4000	
101-55-3	4-Bromophenyl Phenyl Ether	780	U	780	
106-47-8	4-Chloroaniline	780	U	780	
7005-72-3	4-Chlorophenyl Phenyl Ether	780	U	780	
100-01-6	4-Nitroaniline	4000	U	4000	
83-32-9	Acenaphthene	780	U	780	
208-96-8	Acenaphthylene	780	U	780	
98-86-2	Acetophenone	780	U	780	
120-12-7	Anthracene	**840**		780	
1912-24-9	Atrazine	780	U	780	
56-55-3	Benz(a)anthracene	**1700**		780	
100-52-7	Benzaldehyde	4000	U	4000	
50-32-8	Benzo(a)pyrene	**1800**		780	
205-99-2	Benzo(b)fluoranthene	**3100**		780	
191-24-2	Benzo(g,h,i)perylene	**1300**		780	
207-08-9	Benzo(k)fluoranthene	**900**		780	
92-52-4	Biphenyl	780	U	780	
108-60-1	2,2'-Oxybis(1-chloropropane)	780	U	780	
111-91-1	Bis(2-chloroethoxy)methane	780	U	780	
111-44-4	Bis(2-chloroethyl) Ether	780	U	780	
117-81-7	Bis(2-ethylhexyl) Phthalate	7200		780	
85-68-7	Butyl Benzyl Phthalate	7700		780	
105-60-2	Caprolactam	780	U	780	
86-74-8	Carbazole	780	U	780	
218-01-9	Chrysene	**2000**		780	
84-74-2	Di-n-butyl Phthalate	**2700**		780	
117-84-0	Di-n-octyl Phthalate	780	U	780	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1232
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 14:09
Sample Name:	B-5 4-5	**Units:**	µg/Kg
Lab Code:	R1309648-006	**Basis:**	Dry
		Percent Solids:	84.8

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS494.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	780	U	780	
132-64-9	Dibenzofuran	780	U	780	
84-66-2	Diethyl Phthalate	780	U	780	
131-11-3	Dimethyl Phthalate	780	U	780	
206-44-0	Fluoranthene	**3900**		780	
86-73-7	Fluorene	780	U	780	
118-74-1	Hexachlorobenzene	780	U	780	
87-68-3	Hexachlorobutadiene	780	U	780	
77-47-4	Hexachlorocyclopentadiene	780	U	780	
67-72-1	Hexachloroethane	780	U	780	
193-39-5	Indeno(1,2,3-cd)pyrene	**1400**		780	
78-59-1	Isophorone	780	U	780	
621-64-7	N-Nitrosodi-n-propylamine	780	U	780	
86-30-6	N-Nitrosodiphenylamine	780	U	780	
91-20-3	Naphthalene	780	U	780	
98-95-3	Nitrobenzene	780	U	780	
85-01-8	Phenanthrene	**2700**		780	
129-00-0	Pyrene	**3900**		780	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	76	47-126	1/3/14 14:09	
Nitrobenzene-d5	64	39-136	1/3/14 14:09	
Terphenyl-d14	81	35-152	1/3/14 14:09	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1232
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/31/13
		Date Analyzed:	1/7/14 10:24
Sample Name:	B-5 4-5	**Units:**	µg/Kg
Lab Code:	R1309648-006	**Basis:**	Dry
		Percent Solids:	84.8

Polychlorinated Biphenyls (PCBs) by GC

Analytical Method:	8082A	**Analysis Lot:**	375737
Prep Method:	EPA 3541	**Extraction Lot:**	199779
Data File Name:	I:\ACQUDATA\GCEXT4\DATA\010714\NN825.D\	**Instrument Name:**	R-GC-56
		Dilution Factor:	50

CAS No.	Analyte Name	Result	Q	MRL	Note
12674-11-2	Aroclor 1016	1900	U	1900	
11104-28-2	Aroclor 1221	4000	U	4000	
11141-16-5	Aroclor 1232	1900	U	1900	
53469-21-9	Aroclor 1242	1900	U	1900	
12672-29-6	Aroclor 1248	**12000**		1900	
11097-69-1	Aroclor 1254	**5500**		1900	
11096-82-5	Aroclor 1260	1900	U	1900	

Surrogate Name	%Rec		Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0	*	22-150	1/7/14 10:24	D
Tetrachloro-m-xylene	0	*	10-126	1/7/14 10:24	D

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1300
Sample Matrix:	Soil	**Date Received:**	12/20/13
Sample Name:	B-6 2-4		
Lab Code:	R1309648-007	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**84.0**		Percent	1.0	1	NA	12/30/13 09:17	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Sample Name: B-6 2-4
Lab Code: R1309648-007

Service Request: R1309648
Date Collected: 12/19/13 1300
Date Received: 12/20/13

Basis: Dry
Percent Solids: 84.0

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**27.8**		mg/Kg	5.7	5	12/31/13	1/7/14 00:20	
Barium, Total	6010C	**394**		mg/Kg	11	5	12/31/13	1/7/14 00:20	
Cadmium, Total	6010C	**17.7**		mg/Kg	2.8	5	12/31/13	1/7/14 00:20	
Chromium, Total	6010C	**1970**		mg/Kg	5.7	5	12/31/13	1/7/14 00:20	
Lead, Total	6010C	**792**		mg/Kg	28	5	12/31/13	1/7/14 00:20	
Mercury, Total	7471B	**5.55**		mg/Kg	0.37	10	1/ 3/14	1/3/14 17:37	
Selenium, Total	6010C	5.7	U	mg/Kg	5.7	5	12/31/13	1/7/14 00:20	
Silver, Total	6010C	5.7	U	mg/Kg	5.7	5	12/31/13	1/7/14 00:20	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1300
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	1/2/14 14:47
Sample Name:	B-6 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-007	**Basis:**	Dry
		Percent Solids:	84.0

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375135
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5152.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	133

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	160	U	160	
79-34-5	1,1,2,2-Tetrachloroethane	160	U	160	
79-00-5	1,1,2-Trichloroethane	160	U	160	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	160	U	160	
75-34-3	1,1-Dichloroethane (1,1-DCA)	160	U	160	
75-35-4	1,1-Dichloroethene (1,1-DCE)	160	U	160	
120-82-1	1,2,4-Trichlorobenzene	160	U	160	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	320	U	320	
106-93-4	1,2-Dibromoethane	160	U	160	
95-50-1	1,2-Dichlorobenzene	160	U	160	
107-06-2	1,2-Dichloroethane	160	U	160	
78-87-5	1,2-Dichloropropane	160	U	160	
541-73-1	1,3-Dichlorobenzene	160	U	160	
106-46-7	1,4-Dichlorobenzene	160	U	160	
78-93-3	2-Butanone (MEK)	790	U	790	
591-78-6	2-Hexanone	790	U	790	
108-10-1	4-Methyl-2-pentanone	790	U	790	
67-64-1	Acetone	790	U	790	
71-43-2	Benzene	6600		160	
75-27-4	Bromodichloromethane	160	U	160	
75-25-2	Bromoform	160	U	160	
74-83-9	Bromomethane	210	B	160	
75-15-0	Carbon Disulfide	160	U	160	
56-23-5	Carbon Tetrachloride	160	U	160	
108-90-7	Chlorobenzene	160	U	160	
75-00-3	Chloroethane	160	U	160	
67-66-3	Chloroform	160	U	160	
74-87-3	Chloromethane	160	U	160	
110-82-7	Cyclohexane	3600		160	
124-48-1	Dibromochloromethane	160	U	160	
75-71-8	Dichlorodifluoromethane (CFC 12)	160	U	160	
75-09-2	Dichloromethane	160	U	160	
100-41-4	Ethylbenzene	5900		160	
98-82-8	Isopropylbenzene (Cumene)	930		160	
79-20-9	Methyl Acetate	320	U	320	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1300
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	1/2/14 14:47
Sample Name:	B-6 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-007	**Basis:**	Dry
		Percent Solids:	84.0

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375135
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5152.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	133

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	160	U	160	
108-87-2	Methylcyclohexane	**11000**		160	
100-42-5	Styrene	160	U	160	
127-18-4	Tetrachloroethene (PCE)	160	U	160	
108-88-3	Toluene	**720**		160	
79-01-6	Trichloroethene (TCE)	160	U	160	
75-69-4	Trichlorofluoromethane (CFC 11)	160	U	160	
75-01-4	Vinyl Chloride	160	U	160	
156-59-2	cis-1,2-Dichloroethene	160	U	160	
10061-01-5	cis-1,3-Dichloropropene	160	U	160	
179601-23-1	m,p-Xylenes	**11000**		320	
95-47-6	o-Xylene	**1600**		160	
156-60-5	trans-1,2-Dichloroethene	160	U	160	
10061-02-6	trans-1,3-Dichloropropene	160	U	160	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85-122	1/2/14 14:47	
Dibromofluoromethane	99	89-119	1/2/14 14:47	
Toluene-d8	102	87-121	1/2/14 14:47	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1300
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 16:44
Sample Name:	B-6 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-007	**Basis:**	Dry
		Percent Solids:	84.0

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS500.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	10

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	3900	U	3900	
606-20-2	2,6-Dinitrotoluene	3900	U	3900	
91-58-7	2-Chloronaphthalene	3900	U	3900	
91-57-6	2-Methylnaphthalene	3900	U	3900	
88-74-4	2-Nitroaniline	20000	U	20000	
91-94-1	3,3'-Dichlorobenzidine	3900	U	3900	
99-09-2	3-Nitroaniline	20000	U	20000	
101-55-3	4-Bromophenyl Phenyl Ether	3900	U	3900	
106-47-8	4-Chloroaniline	3900	U	3900	
7005-72-3	4-Chlorophenyl Phenyl Ether	3900	U	3900	
100-01-6	4-Nitroaniline	20000	U	20000	
83-32-9	Acenaphthene	3900	U	3900	
208-96-8	Acenaphthylene	3900	U	3900	
98-86-2	Acetophenone	3900	U	3900	
120-12-7	Anthracene	3900	U	3900	
1912-24-9	Atrazine	3900	U	3900	
56-55-3	Benz(a)anthracene	**4500**		3900	
100-52-7	Benzaldehyde	20000	U	20000	
50-32-8	Benzo(a)pyrene	3900	U	3900	
205-99-2	Benzo(b)fluoranthene	**5500**		3900	
191-24-2	Benzo(g,h,i)perylene	3900	U	3900	
207-08-9	Benzo(k)fluoranthene	3900	U	3900	
92-52-4	Biphenyl	3900	U	3900	
108-60-1	2,2'-Oxybis(1-chloropropane)	3900	U	3900	
111-91-1	Bis(2-chloroethoxy)methane	3900	U	3900	
111-44-4	Bis(2-chloroethyl) Ether	3900	U	3900	
117-81-7	Bis(2-ethylhexyl) Phthalate	7700		3900	
85-68-7	Butyl Benzyl Phthalate	3900	U	3900	
105-60-2	Caprolactam	3900	U	3900	
86-74-8	Carbazole	3900	U	3900	
218-01-9	Chrysene	**5600**		3900	
84-74-2	Di-n-butyl Phthalate	3900	U	3900	
117-84-0	Di-n-octyl Phthalate	3900	U	3900	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1300
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 16:44
Sample Name:	B-6 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-007	**Basis:**	Dry
		Percent Solids:	84.0

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS500.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	10

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	3900	U	3900	
132-64-9	Dibenzofuran	3900	U	3900	
84-66-2	Diethyl Phthalate	3900	U	3900	
131-11-3	Dimethyl Phthalate	3900	U	3900	
206-44-0	Fluoranthene	**14000**		3900	
86-73-7	Fluorene	3900	U	3900	
118-74-1	Hexachlorobenzene	3900	U	3900	
87-68-3	Hexachlorobutadiene	3900	U	3900	
77-47-4	Hexachlorocyclopentadiene	3900	U	3900	
67-72-1	Hexachloroethane	3900	U	3900	
193-39-5	Indeno(1,2,3-cd)pyrene	3900	U	3900	
78-59-1	Isophorone	3900	U	3900	
621-64-7	N-Nitrosodi-n-propylamine	3900	U	3900	
86-30-6	N-Nitrosodiphenylamine	3900	U	3900	
91-20-3	Naphthalene	3900	U	3900	
98-95-3	Nitrobenzene	3900	U	3900	
85-01-8	Phenanthrene	**13000**		3900	
129-00-0	Pyrene	**14000**		3900	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	63	47-126	1/3/14 16:44	
Nitrobenzene-d5	50	39-136	1/3/14 16:44	
Terphenyl-d14	82	35-152	1/3/14 16:44	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1300
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/31/13
		Date Analyzed:	1/8/14 10:05
Sample Name:	B-6 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-007	**Basis:**	Dry
		Percent Solids:	84.0

Polychlorinated Biphenyls (PCBs) by GC

Analytical Method:	8082A	**Analysis Lot:**	375775
Prep Method:	EPA 3541	**Extraction Lot:**	199779
Data File Name:	I:\ACQUDATA\GCEXT4\DATA\010814\NN856.D\	**Instrument Name:**	R-GC-56
		Dilution Factor:	25

CAS No.	Analyte Name	Result	Q	MRL	Note
12674-11-2	Aroclor 1016	980	U	980	
11104-28-2	Aroclor 1221	2000	U	2000	
11141-16-5	Aroclor 1232	980	U	980	
53469-21-9	Aroclor 1242	980	U	980	
12672-29-6	Aroclor 1248	**1000**		980	
11097-69-1	Aroclor 1254	**4800**		980	
11096-82-5	Aroclor 1260	**1200**	P	980	

Surrogate Name	%Rec		Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0	*	22-150	1/8/14 10:05	D
Tetrachloro-m-xylene	0	*	10-126	1/8/14 10:05	D

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1302
Sample Matrix:	Soil	**Date Received:**	12/20/13
Sample Name:	B-6 5-7		
Lab Code:	R1309648-008	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**81.2**		Percent	1.0	1	NA	12/30/13 09:17	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1302
Sample Matrix:	Soil	**Date Received:**	12/20/13
Sample Name:	B-6 5-7		
Lab Code:	R1309648-008	**Basis:**	Dry
		Percent Solids:	81.2

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**7.3**		mg/Kg	1.2	1	12/31/13	1/3/14 02:38	
Barium, Total	6010C	**90.3**		mg/Kg	2.4	1	12/31/13	1/3/14 02:38	
Cadmium, Total	6010C	0.61	U	mg/Kg	0.61	1	12/31/13	1/3/14 02:38	
Chromium, Total	6010C	**19.7**		mg/Kg	1.2	1	12/31/13	1/3/14 02:38	
Lead, Total	6010C	**10.8**		mg/Kg	6.1	1	12/31/13	1/3/14 02:38	
Mercury, Total	7471B	**0.061**		mg/Kg	0.038	1	1/3/14	1/3/14 17:38	
Selenium, Total	6010C	1.2	U	mg/Kg	1.2	1	12/31/13	1/3/14 02:38	
Silver, Total	6010C	1.2	U	mg/Kg	1.2	1	12/31/13	1/3/14 02:38	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1302
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/30/13 15:01
Sample Name:	B-6 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-008	**Basis:**	Dry
		Percent Solids:	81.2

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6873.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	6.2	U	6.2	
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U	6.2	
79-00-5	1,1,2-Trichloroethane	6.2	U	6.2	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U	6.2	
75-34-3	1,1-Dichloroethane (1,1-DCA)	6.2	U	6.2	
75-35-4	1,1-Dichloroethene (1,1-DCE)	6.2	U	6.2	
120-82-1	1,2,4-Trichlorobenzene	6.2	U	6.2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	6.2	U	6.2	
106-93-4	1,2-Dibromoethane	6.2	U	6.2	
95-50-1	1,2-Dichlorobenzene	6.2	U	6.2	
107-06-2	1,2-Dichloroethane	6.2	U	6.2	
78-87-5	1,2-Dichloropropane	6.2	U	6.2	
541-73-1	1,3-Dichlorobenzene	6.2	U	6.2	
106-46-7	1,4-Dichlorobenzene	6.2	U	6.2	
78-93-3	2-Butanone (MEK)	11		6.2	
591-78-6	2-Hexanone	6.2	U	6.2	
108-10-1	4-Methyl-2-pentanone	6.2	U	6.2	
67-64-1	Acetone	74		6.2	
71-43-2	Benzene	6.2	U	6.2	
75-27-4	Bromodichloromethane	6.2	U	6.2	
75-25-2	Bromoform	6.2	U	6.2	
74-83-9	Bromomethane	6.2	U	6.2	
75-15-0	Carbon Disulfide	6.2	U	6.2	
56-23-5	Carbon Tetrachloride	6.2	U	6.2	
108-90-7	Chlorobenzene	6.2	U	6.2	
75-00-3	Chloroethane	6.2	U	6.2	
67-66-3	Chloroform	6.2	U	6.2	
74-87-3	Chloromethane	6.2	U	6.2	
110-82-7	Cyclohexane	6.2	U	6.2	
124-48-1	Dibromochloromethane	6.2	U	6.2	
75-71-8	Dichlorodifluoromethane (CFC 12)	6.2	U	6.2	
75-09-2	Dichloromethane	6.2	U	6.2	
100-41-4	Ethylbenzene	6.2	U	6.2	
98-82-8	Isopropylbenzene (Cumene)	6.2	U	6.2	
79-20-9	Methyl Acetate	6.2	U	6.2	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1302
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/30/13 15:01
Sample Name:	B-6 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-008	**Basis:**	Dry
		Percent Solids:	81.2

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6873.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	**120**		6.2	
108-87-2	Methylcyclohexane	6.2	U	6.2	
100-42-5	Styrene	6.2	U	6.2	
127-18-4	Tetrachloroethene (PCE)	6.2	U	6.2	
108-88-3	Toluene	6.2	U	6.2	
79-01-6	Trichloroethene (TCE)	6.2	U	6.2	
75-69-4	Trichlorofluoromethane (CFC 11)	6.2	U	6.2	
75-01-4	Vinyl Chloride	6.2	U	6.2	
156-59-2	cis-1,2-Dichloroethene	6.2	U	6.2	
10061-01-5	cis-1,3-Dichloropropene	6.2	U	6.2	
179601-23-1	m,p-Xylenes	12	U	12	
95-47-6	o-Xylene	6.2	U	6.2	
156-60-5	trans-1,2-Dichloroethene	6.2	U	6.2	
10061-02-6	trans-1,3-Dichloropropene	6.2	U	6.2	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	51-136	12/30/13 15:01	
Dibromofluoromethane	97	63-138	12/30/13 15:01	
Toluene-d8	89	66-138	12/30/13 15:01	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1302
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/31/13 18:07
Sample Name:	B-6 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-008	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	81.2

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375793
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123113\K6890.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	6.2	U	6.2	
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U	6.2	
79-00-5	1,1,2-Trichloroethane	6.2	U	6.2	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U	6.2	
75-34-3	1,1-Dichloroethane (1,1-DCA)	6.2	U	6.2	
75-35-4	1,1-Dichloroethene (1,1-DCE)	6.2	U	6.2	
120-82-1	1,2,4-Trichlorobenzene	6.2	U	6.2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	6.2	U	6.2	
106-93-4	1,2-Dibromoethane	6.2	U	6.2	
95-50-1	1,2-Dichlorobenzene	6.2	U	6.2	
107-06-2	1,2-Dichloroethane	6.2	U	6.2	
78-87-5	1,2-Dichloropropane	6.2	U	6.2	
541-73-1	1,3-Dichlorobenzene	6.2	U	6.2	
106-46-7	1,4-Dichlorobenzene	6.2	U	6.2	
78-93-3	2-Butanone (MEK)	8.2		6.2	
591-78-6	2-Hexanone	6.2	U	6.2	
108-10-1	4-Methyl-2-pentanone	6.2	U	6.2	
67-64-1	Acetone	67		6.2	
71-43-2	Benzene	6.2	U	6.2	
75-27-4	Bromodichloromethane	6.2	U	6.2	
75-25-2	Bromoform	6.2	U	6.2	
74-83-9	Bromomethane	6.2	U	6.2	
75-15-0	Carbon Disulfide	6.2	U	6.2	
56-23-5	Carbon Tetrachloride	6.2	U	6.2	
108-90-7	Chlorobenzene	6.2	U	6.2	
75-00-3	Chloroethane	6.2	U	6.2	
67-66-3	Chloroform	6.2	U	6.2	
74-87-3	Chloromethane	6.2	U	6.2	
110-82-7	Cyclohexane	6.2	U	6.2	
124-48-1	Dibromochloromethane	6.2	U	6.2	
75-71-8	Dichlorodifluoromethane (CFC 12)	6.2	U	6.2	
75-09-2	Dichloromethane	6.2	U	6.2	
100-41-4	Ethylbenzene	6.2	U	6.2	
98-82-8	Isopropylbenzene (Cumene)	6.2	U	6.2	
79-20-9	Methyl Acetate	6.2	U	6.2	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1302
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/31/13 18:07
Sample Name:	B-6 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-008	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	81.2

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375793
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123113\K6890.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	100		6.2	
108-87-2	Methylcyclohexane	6.2	U	6.2	
100-42-5	Styrene	6.2	U	6.2	
127-18-4	Tetrachloroethene (PCE)	6.2	U	6.2	
108-88-3	Toluene	6.2	U	6.2	
79-01-6	Trichloroethene (TCE)	6.2	U	6.2	
75-69-4	Trichlorofluoromethane (CFC 11)	6.2	U	6.2	
75-01-4	Vinyl Chloride	6.2	U	6.2	
156-59-2	cis-1,2-Dichloroethene	6.2	U	6.2	
10061-01-5	cis-1,3-Dichloropropene	6.2	U	6.2	
179601-23-1	m,p-Xylenes	12	U	12	
95-47-6	o-Xylene	6.2	U	6.2	
156-60-5	trans-1,2-Dichloroethene	6.2	U	6.2	
10061-02-6	trans-1,3-Dichloropropene	6.2	U	6.2	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	51-136	12/31/13 18:07	
Dibromofluoromethane	92	63-138	12/31/13 18:07	
Toluene-d8	90	66-138	12/31/13 18:07	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1302
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 18:02
Sample Name:	B-6 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-008	**Basis:**	Dry
		Percent Solids:	81.2

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS503.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	410	U	410	
606-20-2	2,6-Dinitrotoluene	410	U	410	
91-58-7	2-Chloronaphthalene	410	U	410	
91-57-6	2-Methylnaphthalene	410	U	410	
88-74-4	2-Nitroaniline	2100	U	2100	
91-94-1	3,3'-Dichlorobenzidine	410	U	410	
99-09-2	3-Nitroaniline	2100	U	2100	
101-55-3	4-Bromophenyl Phenyl Ether	410	U	410	
106-47-8	4-Chloroaniline	410	U	410	
7005-72-3	4-Chlorophenyl Phenyl Ether	410	U	410	
100-01-6	4-Nitroaniline	2100	U	2100	
83-32-9	Acenaphthene	410	U	410	
208-96-8	Acenaphthylene	410	U	410	
98-86-2	Acetophenone	410	U	410	
120-12-7	Anthracene	410	U	410	
1912-24-9	Atrazine	410	U	410	
56-55-3	Benz(a)anthracene	410	U	410	
100-52-7	Benzaldehyde	2100	U	2100	
50-32-8	Benzo(a)pyrene	410	U	410	
205-99-2	Benzo(b)fluoranthene	410	U	410	
191-24-2	Benzo(g,h,i)perylene	410	U	410	
207-08-9	Benzo(k)fluoranthene	410	U	410	
92-52-4	Biphenyl	410	U	410	
108-60-1	2,2'-Oxybis(1-chloropropane)	410	U	410	
111-91-1	Bis(2-chloroethoxy)methane	410	U	410	
111-44-4	Bis(2-chloroethyl) Ether	410	U	410	
117-81-7	Bis(2-ethylhexyl) Phthalate	410	U	410	
85-68-7	Butyl Benzyl Phthalate	410	U	410	
105-60-2	Caprolactam	410	U	410	
86-74-8	Carbazole	410	U	410	
218-01-9	Chrysene	410	U	410	
84-74-2	Di-n-butyl Phthalate	410	U	410	
117-84-0	Di-n-octyl Phthalate	410	U	410	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1302
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 18:02
Sample Name:	B-6 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-008	**Basis:**	Dry
		Percent Solids:	81.2

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS503.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	410	U	410	
132-64-9	Dibenzofuran	410	U	410	
84-66-2	Diethyl Phthalate	410	U	410	
131-11-3	Dimethyl Phthalate	410	U	410	
206-44-0	Fluoranthene	410	U	410	
86-73-7	Fluorene	410	U	410	
118-74-1	Hexachlorobenzene	410	U	410	
87-68-3	Hexachlorobutadiene	410	U	410	
77-47-4	Hexachlorocyclopentadiene	410	U	410	
67-72-1	Hexachloroethane	410	U	410	
193-39-5	Indeno(1,2,3-cd)pyrene	410	U	410	
78-59-1	Isophorone	410	U	410	
621-64-7	N-Nitrosodi-n-propylamine	410	U	410	
86-30-6	N-Nitrosodiphenylamine	410	U	410	
91-20-3	Naphthalene	410	U	410	
98-95-3	Nitrobenzene	410	U	410	
85-01-8	Phenanthrene	410	U	410	
129-00-0	Pyrene	410	U	410	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	47	47-126	1/3/14 18:02	
Nitrobenzene-d5	46	39-136	1/3/14 18:02	
Terphenyl-d14	55	35-152	1/3/14 18:02	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1302
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/31/13
		Date Analyzed:	1/6/14 13:39
Sample Name:	B-6 5-7	**Units:**	µg/Kg
Lab Code:	R1309648-008	**Basis:**	Dry
		Percent Solids:	81.2

Polychlorinated Biphenyls (PCBs) by GC

Analytical Method:	8082A	**Analysis Lot:**	375546
Prep Method:	EPA 3541	**Extraction Lot:**	199779
Data File Name:	I:\ACQUDATA\GCEXT4\DATA\010614\NN804.D\	**Instrument Name:**	R-GC-56
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
12674-11-2	Aroclor 1016	41	U	41	
11104-28-2	Aroclor 1221	83	U	83	
11141-16-5	Aroclor 1232	41	U	41	
53469-21-9	Aroclor 1242	41	U	41	
12672-29-6	Aroclor 1248	41	U	41	
11097-69-1	Aroclor 1254	41	U	41	
11096-82-5	Aroclor 1260	41	U	41	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	68	22-150	1/6/14 13:39	
Tetrachloro-m-xylene	57	10-126	1/6/14 13:39	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1350
Sample Matrix:	Soil	**Date Received:**	12/20/13
Sample Name:	B-7 1-4		
Lab Code:	R1309648-009	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**82.4**		Percent	1.0	1	NA	1/2/14 09:19	

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Sample Name: B-7 1-4
Lab Code: R1309648-009

Service Request: R1309648
Date Collected: 12/19/13 1350
Date Received: 12/20/13

Basis: Dry
Percent Solids: 82.4

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**12.6**		mg/Kg	1.2	1	12/31/13	1/3/14 03:10	
Barium, Total	6010C	**430**		mg/Kg	2.4	1	12/31/13	1/3/14 03:10	
Cadmium, Total	6010C	**16.2**		mg/Kg	0.60	1	12/31/13	1/3/14 03:10	
Chromium, Total	6010C	**176**		mg/Kg	1.2	1	12/31/13	1/3/14 03:10	
Lead, Total	6010C	**727**		mg/Kg	6.0	1	12/31/13	1/3/14 03:10	
Mercury, Total	7471B	**3.30**		mg/Kg	0.37	10	1/ 3/14	1/3/14 17:40	
Selenium, Total	6010C	6.0	U	mg/Kg	6.0	5	12/31/13	1/7/14 00:26	
Silver, Total	6010C	1.2	U	mg/Kg	1.2	1	12/31/13	1/3/14 03:10	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1350
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/31/13 19:21
Sample Name:	B-7 1-4	**Units:**	µg/Kg
Lab Code:	R1309648-009	**Basis:**	Dry
		Percent Solids:	82.4

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375793
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123113\K6892.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	2.5

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	15	U	15	
79-34-5	1,1,2,2-Tetrachloroethane	15	U	15	
79-00-5	1,1,2-Trichloroethane	15	U	15	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	15	U	15	
75-34-3	1,1-Dichloroethane (1,1-DCA)	15	U	15	
75-35-4	1,1-Dichloroethene (1,1-DCE)	15	U	15	
120-82-1	1,2,4-Trichlorobenzene	15	U	15	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	15	U	15	
106-93-4	1,2-Dibromoethane	15	U	15	
95-50-1	1,2-Dichlorobenzene	15	U	15	
107-06-2	1,2-Dichloroethane	15	U	15	
78-87-5	1,2-Dichloropropane	15	U	15	
541-73-1	1,3-Dichlorobenzene	15	U	15	
106-46-7	1,4-Dichlorobenzene	15	U	15	
78-93-3	2-Butanone (MEK)	**120**		15	
591-78-6	2-Hexanone	15	U	15	
108-10-1	4-Methyl-2-pentanone	15	U	15	
67-64-1	Acetone	**620**		15	
71-43-2	Benzene	15	U	15	
75-27-4	Bromodichloromethane	15	U	15	
75-25-2	Bromoform	15	U	15	
74-83-9	Bromomethane	15	U	15	
75-15-0	Carbon Disulfide	**29**		15	
56-23-5	Carbon Tetrachloride	15	U	15	
108-90-7	Chlorobenzene	15	U	15	
75-00-3	Chloroethane	15	U	15	
67-66-3	Chloroform	15	U	15	
74-87-3	Chloromethane	15	U	15	
110-82-7	Cyclohexane	15	U	15	
124-48-1	Dibromochloromethane	15	U	15	
75-71-8	Dichlorodifluoromethane (CFC 12)	15	U	15	
75-09-2	Dichloromethane	15	U	15	
100-41-4	Ethylbenzene	15	U	15	
98-82-8	Isopropylbenzene (Cumene)	15	U	15	
79-20-9	Methyl Acetate	15	U	15	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1350
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/31/13 19:21
Sample Name:	B-7 1-4	**Units:**	µg/Kg
Lab Code:	R1309648-009	**Basis:**	Dry
		Percent Solids:	82.4

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375793
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123113\K6892.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	2.5

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	15	U	15	
108-87-2	Methylcyclohexane	15	U	15	
100-42-5	Styrene	15	U	15	
127-18-4	Tetrachloroethene (PCE)	15	U	15	
108-88-3	Toluene	15	U	15	
79-01-6	Trichloroethene (TCE)	15	U	15	
75-69-4	Trichlorofluoromethane (CFC 11)	15	U	15	
75-01-4	Vinyl Chloride	15	U	15	
156-59-2	cis-1,2-Dichloroethene	15	U	15	
10061-01-5	cis-1,3-Dichloropropene	15	U	15	
179601-23-1	m,p-Xylenes	30	U	30	
95-47-6	o-Xylene	15	U	15	
156-60-5	trans-1,2-Dichloroethene	15	U	15	
10061-02-6	trans-1,3-Dichloropropene	15	U	15	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	85	51-136	12/31/13 19:21	
Dibromofluoromethane	95	63-138	12/31/13 19:21	
Toluene-d8	91	66-138	12/31/13 19:21	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1350
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	1/7/14 17:18
Sample Name:	B-7 1-4	**Units:**	µg/Kg
Lab Code:	R1309648-009	**Basis:**	Dry
Run Type:	Dilution	**Percent Solids:**	82.4

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375894
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\010714\K6929.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	4

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	24	U	24	*
79-34-5	1,1,2,2-Tetrachloroethane	24	U	24	*
79-00-5	1,1,2-Trichloroethane	24	U	24	*
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24	U	24	*
75-34-3	1,1-Dichloroethane (1,1-DCA)	24	U	24	*
75-35-4	1,1-Dichloroethene (1,1-DCE)	24	U	24	*
120-82-1	1,2,4-Trichlorobenzene	24	U	24	*
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	24	U	24	*
106-93-4	1,2-Dibromoethane	24	U	24	*
95-50-1	1,2-Dichlorobenzene	24	U	24	*
107-06-2	1,2-Dichloroethane	24	U	24	*
78-87-5	1,2-Dichloropropane	24	U	24	*
541-73-1	1,3-Dichlorobenzene	24	U	24	*
106-46-7	1,4-Dichlorobenzene	24	U	24	*
78-93-3	2-Butanone (MEK)	**120**	D	24	*
591-78-6	2-Hexanone	24	U	24	*
108-10-1	4-Methyl-2-pentanone	24	U	24	*
67-64-1	Acetone	**590**	D	24	*
71-43-2	Benzene	24	U	24	*
75-27-4	Bromodichloromethane	24	U	24	*
75-25-2	Bromoform	24	U	24	*
74-83-9	Bromomethane	24	U	24	*
75-15-0	Carbon Disulfide	**31**	D	24	*
56-23-5	Carbon Tetrachloride	24	U	24	*
108-90-7	Chlorobenzene	24	U	24	*
75-00-3	Chloroethane	24	U	24	*
67-66-3	Chloroform	24	U	24	*
74-87-3	Chloromethane	24	U	24	*
110-82-7	Cyclohexane	24	U	24	*
124-48-1	Dibromochloromethane	24	U	24	*
75-71-8	Dichlorodifluoromethane (CFC 12)	24	U	24	*
75-09-2	Dichloromethane	24	U	24	*
100-41-4	Ethylbenzene	24	U	24	*
98-82-8	Isopropylbenzene (Cumene)	24	U	24	*
79-20-9	Methyl Acetate	24	U	24	*

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1350
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	1/7/14 17:18
Sample Name:	B-7 1-4	**Units:**	µg/Kg
Lab Code:	R1309648-009	**Basis:**	Dry
Run Type:	Dilution	**Percent Solids:**	82.4

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375894
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\010714\K6929.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	4

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	24	U	24	*
108-87-2	Methylcyclohexane	24	U	24	*
100-42-5	Styrene	24	U	24	*
127-18-4	Tetrachloroethene (PCE)	24	U	24	*
108-88-3	Toluene	24	U	24	*
79-01-6	Trichloroethene (TCE)	24	U	24	*
75-69-4	Trichlorofluoromethane (CFC 11)	24	U	24	*
75-01-4	Vinyl Chloride	24	U	24	*
156-59-2	cis-1,2-Dichloroethene	24	U	24	*
10061-01-5	cis-1,3-Dichloropropene	24	U	24	*
179601-23-1	m,p-Xylenes	49	U	49	*
95-47-6	o-Xylene	24	U	24	*
156-60-5	trans-1,2-Dichloroethene	24	U	24	*
10061-02-6	trans-1,3-Dichloropropene	24	U	24	*

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	90	51-136	1/7/14 17:18	
Dibromofluoromethane	93	63-138	1/7/14 17:18	
Toluene-d8	95	66-138	1/7/14 17:18	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1350
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 15:00
Sample Name:	B-7 1-4	**Units:**	µg/Kg
Lab Code:	R1309648-009	**Basis:**	Dry
		Percent Solids:	82.4

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS496.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	800	U	800	
606-20-2	2,6-Dinitrotoluene	800	U	800	
91-58-7	2-Chloronaphthalene	800	U	800	
91-57-6	2-Methylnaphthalene	800	U	800	
88-74-4	2-Nitroaniline	4100	U	4100	
91-94-1	3,3'-Dichlorobenzidine	800	U	800	
99-09-2	3-Nitroaniline	4100	U	4100	
101-55-3	4-Bromophenyl Phenyl Ether	800	U	800	
106-47-8	4-Chloroaniline	800	U	800	
7005-72-3	4-Chlorophenyl Phenyl Ether	800	U	800	
100-01-6	4-Nitroaniline	4100	U	4100	
83-32-9	Acenaphthene	800	U	800	
208-96-8	Acenaphthylene	800	U	800	
98-86-2	Acetophenone	800	U	800	
120-12-7	Anthracene	800	U	800	
1912-24-9	Atrazine	800	U	800	
56-55-3	Benz(a)anthracene	**1200**		800	
100-52-7	Benzaldehyde	4100	U	4100	
50-32-8	Benzo(a)pyrene	**1100**		800	
205-99-2	Benzo(b)fluoranthene	**2200**		800	
191-24-2	Benzo(g,h,i)perylene	**910**		800	
207-08-9	Benzo(k)fluoranthene	800	U	800	
92-52-4	Biphenyl	800	U	800	
108-60-1	2,2'-Oxybis(1-chloropropane)	800	U	800	
111-91-1	Bis(2-chloroethoxy)methane	800	U	800	
111-44-4	Bis(2-chloroethyl) Ether	800	U	800	
117-81-7	Bis(2-ethylhexyl) Phthalate	**3600**		800	
85-68-7	Butyl Benzyl Phthalate	**1800**		800	
105-60-2	Caprolactam	800	U	800	
86-74-8	Carbazole	800	U	800	
218-01-9	Chrysene	**1700**		800	
84-74-2	Di-n-butyl Phthalate	800	U	800	
117-84-0	Di-n-octyl Phthalate	800	U	800	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1350
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 15:00
Sample Name:	B-7 1-4	**Units:**	µg/Kg
Lab Code:	R1309648-009	**Basis:**	Dry
		Percent Solids:	82.4

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS496.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	800	U	800	
132-64-9	Dibenzofuran	800	U	800	
84-66-2	Diethyl Phthalate	800	U	800	
131-11-3	Dimethyl Phthalate	800	U	800	
206-44-0	Fluoranthene	**2400**		800	
86-73-7	Fluorene	800	U	800	
118-74-1	Hexachlorobenzene	800	U	800	
87-68-3	Hexachlorobutadiene	800	U	800	
77-47-4	Hexachlorocyclopentadiene	800	U	800	
67-72-1	Hexachloroethane	800	U	800	
193-39-5	Indeno(1,2,3-cd)pyrene	**900**		800	
78-59-1	Isophorone	800	U	800	
621-64-7	N-Nitrosodi-n-propylamine	800	U	800	
86-30-6	N-Nitrosodiphenylamine	800	U	800	
91-20-3	Naphthalene	800	U	800	
98-95-3	Nitrobenzene	800	U	800	
85-01-8	Phenanthrene	**1600**		800	
129-00-0	Pyrene	**2400**		800	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	67	47-126	1/3/14 15:00	
Nitrobenzene-d5	67	39-136	1/3/14 15:00	
Terphenyl-d14	76	35-152	1/3/14 15:00	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1350
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/31/13
		Date Analyzed:	1/7/14 11:19
Sample Name:	B-7 1-4	**Units:**	µg/Kg
Lab Code:	R1309648-009	**Basis:**	Dry
		Percent Solids:	82.4

Polychlorinated Biphenyls (PCBs) by GC

Analytical Method:	8082A	**Analysis Lot:**	375737
Prep Method:	EPA 3541	**Extraction Lot:**	199779
Data File Name:	I:\ACQUDATA\GCEXT4\DATA\010714\NN827.D\	**Instrument Name:**	R-GC-56
		Dilution Factor:	10

CAS No.	Analyte Name	Result	Q	MRL	Note
12674-11-2	Aroclor 1016	400	U	400	
11104-28-2	Aroclor 1221	810	U	810	
11141-16-5	Aroclor 1232	400	U	400	
53469-21-9	Aroclor 1242	400	U	400	
12672-29-6	Aroclor 1248	**1600**		400	
11097-69-1	Aroclor 1254	**1100**		400	
11096-82-5	Aroclor 1260	470		400	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	36	22-150	1/7/14 11:19	
Tetrachloro-m-xylene	32	10-126	1/7/14 11:19	

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: 12/19/13 1520
Date Received: 12/20/13

Sample Name: B-10 4-6
Lab Code: R1309648-010

Basis: As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**76.8**		Percent	1.0	1	NA	12/30/13 09:17	

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Analytical Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: 12/19/13 1520
Date Received: 12/20/13

Sample Name: B-10 4-6
Lab Code: R1309648-010

Basis: Dry
Percent Solids: 76.8

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**2.3**		mg/Kg	1.3	1	12/31/13	1/3/14 03:27	
Barium, Total	6010C	**67.1**		mg/Kg	2.6	1	12/31/13	1/3/14 03:27	
Cadmium, Total	6010C	0.64	U	mg/Kg	0.64	1	12/31/13	1/3/14 03:27	
Chromium, Total	6010C	**9.0**		mg/Kg	1.3	1	12/31/13	1/3/14 03:27	
Lead, Total	6010C	**7.4**		mg/Kg	6.4	1	12/31/13	1/3/14 03:27	
Mercury, Total	7471B	**0.228**		mg/Kg	0.040	1	1/ 3/14	1/3/14 17:42	
Selenium, Total	6010C	1.3	U	mg/Kg	1.3	1	12/31/13	1/3/14 03:27	
Silver, Total	6010C	1.3	U	mg/Kg	1.3	1	12/31/13	1/3/14 03:27	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1520
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/30/13 16:16
Sample Name:	B-10 4-6	**Units:**	µg/Kg
Lab Code:	R1309648-010	**Basis:**	Dry
		Percent Solids:	76.8

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6875.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	6.5	U	6.5	
79-34-5	1,1,2,2-Tetrachloroethane	6.5	U	6.5	
79-00-5	1,1,2-Trichloroethane	6.5	U	6.5	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.5	U	6.5	
75-34-3	1,1-Dichloroethane (1,1-DCA)	6.5	U	6.5	
75-35-4	1,1-Dichloroethene (1,1-DCE)	6.5	U	6.5	
120-82-1	1,2,4-Trichlorobenzene	6.5	U	6.5	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	6.5	U	6.5	
106-93-4	1,2-Dibromoethane	6.5	U	6.5	
95-50-1	1,2-Dichlorobenzene	6.5	U	6.5	
107-06-2	1,2-Dichloroethane	6.5	U	6.5	
78-87-5	1,2-Dichloropropane	6.5	U	6.5	
541-73-1	1,3-Dichlorobenzene	6.5	U	6.5	
106-46-7	1,4-Dichlorobenzene	6.5	U	6.5	
78-93-3	2-Butanone (MEK)	**23**		6.5	
591-78-6	2-Hexanone	6.5	U	6.5	
108-10-1	4-Methyl-2-pentanone	6.5	U	6.5	
67-64-1	Acetone	**110**		6.5	
71-43-2	Benzene	6.5	U	6.5	
75-27-4	Bromodichloromethane	6.5	U	6.5	
75-25-2	Bromoform	6.5	U	6.5	
74-83-9	Bromomethane	6.5	U	6.5	
75-15-0	Carbon Disulfide	6.5	U	6.5	
56-23-5	Carbon Tetrachloride	6.5	U	6.5	
108-90-7	Chlorobenzene	6.5	U	6.5	
75-00-3	Chloroethane	6.5	U	6.5	
67-66-3	Chloroform	6.5	U	6.5	
74-87-3	Chloromethane	6.5	U	6.5	
110-82-7	Cyclohexane	6.5	U	6.5	
124-48-1	Dibromochloromethane	6.5	U	6.5	
75-71-8	Dichlorodifluoromethane (CFC 12)	6.5	U	6.5	
75-09-2	Dichloromethane	6.5	U	6.5	
100-41-4	Ethylbenzene	6.5	U	6.5	
98-82-8	Isopropylbenzene (Cumene)	6.5	U	6.5	
79-20-9	Methyl Acetate	6.5	U	6.5	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1520
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/30/13 16:16
Sample Name:	B-10 4-6	**Units:**	µg/Kg
Lab Code:	R1309648-010	**Basis:**	Dry
		Percent Solids:	76.8

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6875.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	6.5	U	6.5	
108-87-2	Methylcyclohexane	6.5	U	6.5	
100-42-5	Styrene	6.5	U	6.5	
127-18-4	Tetrachloroethene (PCE)	6.5	U	6.5	
108-88-3	Toluene	6.5	U	6.5	
79-01-6	Trichloroethene (TCE)	6.5	U	6.5	
75-69-4	Trichlorofluoromethane (CFC 11)	6.5	U	6.5	
75-01-4	Vinyl Chloride	6.5	U	6.5	
156-59-2	cis-1,2-Dichloroethene	6.5	U	6.5	
10061-01-5	cis-1,3-Dichloropropene	6.5	U	6.5	
179601-23-1	m,p-Xylenes	13	U	13	
95-47-6	o-Xylene	6.5	U	6.5	
156-60-5	trans-1,2-Dichloroethene	6.5	U	6.5	
10061-02-6	trans-1,3-Dichloropropene	6.5	U	6.5	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	51-136	12/30/13 16:16	
Dibromofluoromethane	94	63-138	12/30/13 16:16	
Toluene-d8	92	66-138	12/30/13 16:16	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1520
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 15:26
Sample Name:	B-10 4-6	**Units:**	µg/Kg
Lab Code:	R1309648-010	**Basis:**	Dry
		Percent Solids:	76.8

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS497.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	430	U	430	
606-20-2	2,6-Dinitrotoluene	430	U	430	
91-58-7	2-Chloronaphthalene	430	U	430	
91-57-6	2-Methylnaphthalene	430	U	430	
88-74-4	2-Nitroaniline	2200	U	2200	
91-94-1	3,3'-Dichlorobenzidine	430	U	430	
99-09-2	3-Nitroaniline	2200	U	2200	
101-55-3	4-Bromophenyl Phenyl Ether	430	U	430	
106-47-8	4-Chloroaniline	430	U	430	
7005-72-3	4-Chlorophenyl Phenyl Ether	430	U	430	
100-01-6	4-Nitroaniline	2200	U	2200	
83-32-9	Acenaphthene	430	U	430	
208-96-8	Acenaphthylene	430	U	430	
98-86-2	Acetophenone	430	U	430	
120-12-7	Anthracene	430	U	430	
1912-24-9	Atrazine	430	U	430	
56-55-3	Benz(a)anthracene	430	U	430	
100-52-7	Benzaldehyde	2200	U	2200	
50-32-8	Benzo(a)pyrene	430	U	430	
205-99-2	Benzo(b)fluoranthene	430	U	430	
191-24-2	Benzo(g,h,i)perylene	430	U	430	
207-08-9	Benzo(k)fluoranthene	430	U	430	
92-52-4	Biphenyl	430	U	430	
108-60-1	2,2'-Oxybis(1-chloropropane)	430	U	430	
111-91-1	Bis(2-chloroethoxy)methane	430	U	430	
111-44-4	Bis(2-chloroethyl) Ether	430	U	430	
117-81-7	Bis(2-ethylhexyl) Phthalate	430	U	430	
85-68-7	Butyl Benzyl Phthalate	430	U	430	
105-60-2	Caprolactam	430	U	430	
86-74-8	Carbazole	430	U	430	
218-01-9	Chrysene	430	U	430	
84-74-2	Di-n-butyl Phthalate	430	U	430	
117-84-0	Di-n-octyl Phthalate	430	U	430	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1520
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 15:26
Sample Name:	B-10 4-6	**Units:**	µg/Kg
Lab Code:	R1309648-010	**Basis:**	Dry
		Percent Solids:	76.8

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS497.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	430	U	430	
132-64-9	Dibenzofuran	430	U	430	
84-66-2	Diethyl Phthalate	430	U	430	
131-11-3	Dimethyl Phthalate	430	U	430	
206-44-0	Fluoranthene	430	U	430	
86-73-7	Fluorene	430	U	430	
118-74-1	Hexachlorobenzene	430	U	430	
87-68-3	Hexachlorobutadiene	430	U	430	
77-47-4	Hexachlorocyclopentadiene	430	U	430	
67-72-1	Hexachloroethane	430	U	430	
193-39-5	Indeno(1,2,3-cd)pyrene	430	U	430	
78-59-1	Isophorone	430	U	430	
621-64-7	N-Nitrosodi-n-propylamine	430	U	430	
86-30-6	N-Nitrosodiphenylamine	430	U	430	
91-20-3	Naphthalene	430	U	430	
98-95-3	Nitrobenzene	430	U	430	
85-01-8	Phenanthrene	430	U	430	
129-00-0	Pyrene	430	U	430	

Surrogate Name	%Rec		Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	39	*	47-126	1/3/14 15:26	
Nitrobenzene-d5	40		39-136	1/3/14 15:26	
Terphenyl-d14	44		35-152	1/3/14 15:26	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1520
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	1/6/14
		Date Analyzed:	1/7/14 19:23
Sample Name:	B-10 4-6	**Units:**	µg/Kg
Lab Code:	R1309648-010	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	76.8

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375770
Prep Method:	EPA 3541	**Extraction Lot:**	200097
Data File Name:	I:\ACQUDATA\5973A\DATA\010714\CU875.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	430	U	430	*
606-20-2	2,6-Dinitrotoluene	430	U	430	*
91-58-7	2-Chloronaphthalene	430	U	430	*
91-57-6	2-Methylnaphthalene	430	U	430	*
88-74-4	2-Nitroaniline	2200	U	2200	*
91-94-1	3,3'-Dichlorobenzidine	430	U	430	*
99-09-2	3-Nitroaniline	2200	U	2200	*
101-55-3	4-Bromophenyl Phenyl Ether	430	U	430	*
106-47-8	4-Chloroaniline	430	U	430	*
7005-72-3	4-Chlorophenyl Phenyl Ether	430	U	430	*
100-01-6	4-Nitroaniline	2200	U	2200	*
83-32-9	Acenaphthene	430	U	430	*
208-96-8	Acenaphthylene	430	U	430	*
98-86-2	Acetophenone	430	U	430	*
120-12-7	Anthracene	430	U	430	*
1912-24-9	Atrazine	430	U	430	*
56-55-3	Benz(a)anthracene	430	U	430	*
100-52-7	Benzaldehyde	2200	U	2200	*
50-32-8	Benzo(a)pyrene	430	U	430	*
205-99-2	Benzo(b)fluoranthene	430	U	430	*
191-24-2	Benzo(g,h,i)perylene	430	U	430	*
207-08-9	Benzo(k)fluoranthene	430	U	430	*
92-52-4	Biphenyl	430	U	430	*
108-60-1	2,2'-Oxybis(1-chloropropane)	430	U	430	*
111-91-1	Bis(2-chloroethoxy)methane	430	U	430	*
111-44-4	Bis(2-chloroethyl) Ether	430	U	430	*
117-81-7	Bis(2-ethylhexyl) Phthalate	430	U	430	*
85-68-7	Butyl Benzyl Phthalate	430	U	430	*
105-60-2	Caprolactam	430	U	430	*
86-74-8	Carbazole	430	U	430	*
218-01-9	Chrysene	430	U	430	*
84-74-2	Di-n-butyl Phthalate	430	U	430	*
117-84-0	Di-n-octyl Phthalate	430	U	430	*

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1520
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	1/6/14
		Date Analyzed:	1/7/14 19:23
Sample Name:	B-10 4-6	**Units:**	µg/Kg
Lab Code:	R1309648-010	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	76.8

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375770
Prep Method:	EPA 3541	**Extraction Lot:**	200097
Data File Name:	I:\ACQUDATA\5973A\DATA\010714\CU875.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	430	U	430	*
132-64-9	Dibenzofuran	430	U	430	*
84-66-2	Diethyl Phthalate	430	U	430	*
131-11-3	Dimethyl Phthalate	430	U	430	*
206-44-0	Fluoranthene	430	U	430	*
86-73-7	Fluorene	430	U	430	*
118-74-1	Hexachlorobenzene	430	U	430	*
87-68-3	Hexachlorobutadiene	430	U	430	*
77-47-4	Hexachlorocyclopentadiene	430	U	430	*
67-72-1	Hexachloroethane	430	U	430	*
193-39-5	Indeno(1,2,3-cd)pyrene	430	U	430	*
78-59-1	Isophorone	430	U	430	*
621-64-7	N-Nitrosodi-n-propylamine	430	U	430	*
86-30-6	N-Nitrosodiphenylamine	430	U	430	*
91-20-3	Naphthalene	430	U	430	*
98-95-3	Nitrobenzene	430	U	430	*
85-01-8	Phenanthrene	430	U	430	*
129-00-0	Pyrene	430	U	430	*

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	49	47-126	1/7/14 19:23	
Nitrobenzene-d5	51	39-136	1/7/14 19:23	
Terphenyl-d14	38	35-152	1/7/14 19:23	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1520
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/31/13
		Date Analyzed:	1/6/14 17:23
Sample Name:	B-10 4-6	**Units:**	µg/Kg
Lab Code:	R1309648-010	**Basis:**	Dry
		Percent Solids:	76.8

Polychlorinated Biphenyls (PCBs) by GC

Analytical Method:	8082A	**Analysis Lot:**	375546
Prep Method:	EPA 3541	**Extraction Lot:**	199779
Data File Name:	I:\ACQUDATA\GCEXT4\DATA\010614\NN812.D\	**Instrument Name:**	R-GC-56
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
12674-11-2	Aroclor 1016	43	U	43	
11104-28-2	Aroclor 1221	87	U	87	
11141-16-5	Aroclor 1232	43	U	43	
53469-21-9	Aroclor 1242	43	U	43	
12672-29-6	Aroclor 1248	43	U	43	
11097-69-1	Aroclor 1254	43	U	43	
11096-82-5	Aroclor 1260	43	U	43	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	53	22-150	1/6/14 17:23	
Tetrachloro-m-xylene	64	10-126	1/6/14 17:23	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1535
Sample Matrix:	Water	**Date Received:**	12/20/13
		Date Analyzed:	1/2/14 18:54
Sample Name:	Trip Blank	**Units:**	µg/L
Lab Code:	R1309648-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375134
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5160.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0	U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0	U	5.0	
106-93-4	1,2-Dibromoethane	5.0	U	5.0	
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	
107-06-2	1,2-Dichloroethane	5.0	U	5.0	
78-87-5	1,2-Dichloropropane	5.0	U	5.0	
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	
78-93-3	2-Butanone (MEK)	10	U	10	
591-78-6	2-Hexanone	10	U	10	
108-10-1	4-Methyl-2-pentanone	10	U	10	
67-64-1	Acetone	10	U	10	
71-43-2	Benzene	5.0	U	5.0	
75-27-4	Bromodichloromethane	5.0	U	5.0	
75-25-2	Bromoform	5.0	U	5.0	
74-83-9	Bromomethane	5.0	U	5.0	
75-15-0	Carbon Disulfide	10	U	10	
56-23-5	Carbon Tetrachloride	5.0	U	5.0	
108-90-7	Chlorobenzene	5.0	U	5.0	
75-00-3	Chloroethane	5.0	U	5.0	
67-66-3	Chloroform	5.0	U	5.0	
74-87-3	Chloromethane	5.0	U	5.0	
110-82-7	Cyclohexane	10	U	10	
124-48-1	Dibromochloromethane	5.0	U	5.0	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0	U	5.0	
75-09-2	Dichloromethane	5.0	U	5.0	
100-41-4	Ethylbenzene	5.0	U	5.0	
98-82-8	Isopropylbenzene (Cumene)	5.0	U	5.0	
79-20-9	Methyl Acetate	10	U	10	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/19/13 1535
Sample Matrix:	Water	**Date Received:**	12/20/13
		Date Analyzed:	1/2/14 18:54
Sample Name:	Trip Blank	**Units:**	µg/L
Lab Code:	R1309648-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375134
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5160.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	5.0	U	5.0	
108-87-2	Methylcyclohexane	10	U	10	
100-42-5	Styrene	5.0	U	5.0	
127-18-4	Tetrachloroethene (PCE)	5.0	U	5.0	
108-88-3	Toluene	5.0	U	5.0	
79-01-6	Trichloroethene (TCE)	5.0	U	5.0	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0	U	5.0	
75-01-4	Vinyl Chloride	5.0	U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	
179601-23-1	m,p-Xylenes	5.0	U	5.0	
95-47-6	o-Xylene	5.0	U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85-122	1/2/14 18:54	
Dibromofluoromethane	104	89-119	1/2/14 18:54	
Toluene-d8	100	87-121	1/2/14 18:54	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0925
Sample Matrix:	Soil	**Date Received:**	12/20/13
Sample Name:	B-11 2-4		
Lab Code:	R1309648-012	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**86.3**		Percent	1.0	1	NA	12/30/13 09:17	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0925
Sample Matrix:	Soil	**Date Received:**	12/20/13
Sample Name:	B-11 2-4		
Lab Code:	R1309648-012	**Basis:**	Dry
		Percent Solids:	86.3

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**9.5**		mg/Kg	1.1	1	12/31/13	1/3/14 03:33	
Barium, Total	6010C	**246**		mg/Kg	2.3	1	12/31/13	1/3/14 03:33	
Cadmium, Total	6010C	**7.73**		mg/Kg	0.57	1	12/31/13	1/3/14 03:33	
Chromium, Total	6010C	**133**		mg/Kg	1.1	1	12/31/13	1/3/14 03:33	
Lead, Total	6010C	**726**		mg/Kg	5.7	1	12/31/13	1/3/14 03:33	
Mercury, Total	7471B	**6.51**		mg/Kg	0.36	10	1/ 3/14	1/3/14 17:43	
Selenium, Total	6010C	5.7	U	mg/Kg	5.7	5	12/31/13	1/7/14 00:32	
Silver, Total	6010C	1.1	U	mg/Kg	1.1	1	12/31/13	1/3/14 03:33	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0925
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/30/13 16:53
Sample Name:	B-11 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-012	**Basis:**	Dry
		Percent Solids:	86.3

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6876.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.8	U	5.8	
79-34-5	1,1,2,2-Tetrachloroethane	5.8	U	5.8	
79-00-5	1,1,2-Trichloroethane	5.8	U	5.8	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	U	5.8	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.8	U	5.8	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.8	U	5.8	
120-82-1	1,2,4-Trichlorobenzene	5.8	U	5.8	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.8	U	5.8	
106-93-4	1,2-Dibromoethane	5.8	U	5.8	
95-50-1	1,2-Dichlorobenzene	5.8	U	5.8	
107-06-2	1,2-Dichloroethane	5.8	U	5.8	
78-87-5	1,2-Dichloropropane	5.8	U	5.8	
541-73-1	1,3-Dichlorobenzene	5.8	U	5.8	
106-46-7	1,4-Dichlorobenzene	5.8	U	5.8	
78-93-3	2-Butanone (MEK)	**98**		5.8	
591-78-6	2-Hexanone	**7.5**		5.8	
108-10-1	4-Methyl-2-pentanone	**18**		5.8	
67-64-1	Acetone	**420**	E	5.8	
71-43-2	Benzene	5.8	U	5.8	
75-27-4	Bromodichloromethane	5.8	U	5.8	
75-25-2	Bromoform	5.8	U	5.8	
74-83-9	Bromomethane	5.8	U	5.8	
75-15-0	Carbon Disulfide	**19**		5.8	
56-23-5	Carbon Tetrachloride	5.8	U	5.8	
108-90-7	Chlorobenzene	5.8	U	5.8	
75-00-3	Chloroethane	5.8	U	5.8	
67-66-3	Chloroform	5.8	U	5.8	
74-87-3	Chloromethane	5.8	U	5.8	
110-82-7	Cyclohexane	**6.1**		5.8	
124-48-1	Dibromochloromethane	5.8	U	5.8	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.8	U	5.8	
75-09-2	Dichloromethane	5.8	U	5.8	
100-41-4	Ethylbenzene	**11**		5.8	
98-82-8	Isopropylbenzene (Cumene)	5.8	U	5.8	
79-20-9	Methyl Acetate	5.8	U	5.8	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0925
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/30/13 16:53
Sample Name:	B-11 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-012	**Basis:**	Dry
		Percent Solids:	86.3

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6876.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	5.8	U	5.8	
108-87-2	Methylcyclohexane	**6.4**		5.8	
100-42-5	Styrene	5.8	U	5.8	
127-18-4	Tetrachloroethene (PCE)	5.8	U	5.8	
108-88-3	Toluene	**11**		5.8	
79-01-6	Trichloroethene (TCE)	**6.1**		5.8	
75-69-4	Trichlorofluoromethane (CFC 11)	5.8	U	5.8	
75-01-4	Vinyl Chloride	5.8	U	5.8	
156-59-2	cis-1,2-Dichloroethene	**9.4**		5.8	
10061-01-5	cis-1,3-Dichloropropene	5.8	U	5.8	
179601-23-1	m,p-Xylenes	**22**		12	
95-47-6	o-Xylene	**20**		5.8	
156-60-5	trans-1,2-Dichloroethene	5.8	U	5.8	
10061-02-6	trans-1,3-Dichloropropene	5.8	U	5.8	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	90	51-136	12/30/13 16:53	
Dibromofluoromethane	102	63-138	12/30/13 16:53	
Toluene-d8	105	66-138	12/30/13 16:53	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0925
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/31/13 19:58
Sample Name:	B-11 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-012	**Basis:**	Dry
Run Type:	Dilution	**Percent Solids:**	86.3

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375793
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123113\K6893.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	2.5

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	14	U	14	
79-34-5	1,1,2,2-Tetrachloroethane	14	U	14	
79-00-5	1,1,2-Trichloroethane	14	U	14	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	14	U	14	
75-34-3	1,1-Dichloroethane (1,1-DCA)	14	U	14	
75-35-4	1,1-Dichloroethene (1,1-DCE)	14	U	14	
120-82-1	1,2,4-Trichlorobenzene	14	U	14	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	14	U	14	
106-93-4	1,2-Dibromoethane	14	U	14	
95-50-1	1,2-Dichlorobenzene	14	U	14	
107-06-2	1,2-Dichloroethane	14	U	14	
78-87-5	1,2-Dichloropropane	14	U	14	
541-73-1	1,3-Dichlorobenzene	14	U	14	
106-46-7	1,4-Dichlorobenzene	14	U	14	
78-93-3	2-Butanone (MEK)	**81**	D	14	
591-78-6	2-Hexanone	14	U	14	
108-10-1	4-Methyl-2-pentanone	**18**	D	14	
67-64-1	Acetone	**360**	D	14	
71-43-2	Benzene	14	U	14	
75-27-4	Bromodichloromethane	14	U	14	
75-25-2	Bromoform	14	U	14	
74-83-9	Bromomethane	14	U	14	
75-15-0	Carbon Disulfide	**35**	D	14	
56-23-5	Carbon Tetrachloride	14	U	14	
108-90-7	Chlorobenzene	14	U	14	
75-00-3	Chloroethane	14	U	14	
67-66-3	Chloroform	14	U	14	
74-87-3	Chloromethane	14	U	14	
110-82-7	Cyclohexane	14	U	14	
124-48-1	Dibromochloromethane	14	U	14	
75-71-8	Dichlorodifluoromethane (CFC 12)	14	U	14	
75-09-2	Dichloromethane	14	U	14	
100-41-4	Ethylbenzene	**26**	D	14	
98-82-8	Isopropylbenzene (Cumene)	14	U	14	
79-20-9	Methyl Acetate	14	U	14	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0925
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/31/13 19:58
Sample Name:	B-11 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-012	**Basis:**	Dry
Run Type:	Dilution	**Percent Solids:**	86.3

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375793
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123113\K6893.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	2.5

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	14	U	14	
108-87-2	Methylcyclohexane	14	U	14	
100-42-5	Styrene	14	U	14	
127-18-4	Tetrachloroethene (PCE)	14	U	14	
108-88-3	Toluene	**21**	D	14	
79-01-6	Trichloroethene (TCE)	14	U	14	
75-69-4	Trichlorofluoromethane (CFC 11)	14	U	14	
75-01-4	Vinyl Chloride	14	U	14	
156-59-2	cis-1,2-Dichloroethene	14	U	14	
10061-01-5	cis-1,3-Dichloropropene	14	U	14	
179601-23-1	m,p-Xylenes	**61**	D	29	
95-47-6	o-Xylene	**51**	D	14	
156-60-5	trans-1,2-Dichloroethene	14	U	14	
10061-02-6	trans-1,3-Dichloropropene	14	U	14	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	81	51-136	12/31/13 19:58	
Dibromofluoromethane	92	63-138	12/31/13 19:58	
Toluene-d8	99	66-138	12/31/13 19:58	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0925
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/6/14 13:09
Sample Name:	B-11 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-012	**Basis:**	Dry
		Percent Solids:	86.3

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375477
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010614\AS515.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	5

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	1900	U	1900	
606-20-2	2,6-Dinitrotoluene	1900	U	1900	
91-58-7	2-Chloronaphthalene	1900	U	1900	
91-57-6	2-Methylnaphthalene	**4800**		1900	
88-74-4	2-Nitroaniline	9800	U	9800	
91-94-1	3,3'-Dichlorobenzidine	1900	U	1900	
99-09-2	3-Nitroaniline	9800	U	9800	
101-55-3	4-Bromophenyl Phenyl Ether	1900	U	1900	
106-47-8	4-Chloroaniline	1900	U	1900	
7005-72-3	4-Chlorophenyl Phenyl Ether	1900	U	1900	
100-01-6	4-Nitroaniline	9800	U	9800	
83-32-9	Acenaphthene	1900	U	1900	
208-96-8	Acenaphthylene	1900	U	1900	
98-86-2	Acetophenone	1900	U	1900	
120-12-7	Anthracene	**3500**		1900	
1912-24-9	Atrazine	1900	U	1900	
56-55-3	Benz(a)anthracene	**9200**		1900	
100-52-7	Benzaldehyde	9800	U	9800	
50-32-8	Benzo(a)pyrene	**7200**		1900	
205-99-2	Benzo(b)fluoranthene	**12000**		1900	
191-24-2	Benzo(g,h,i)perylene	**6100**		1900	
207-08-9	Benzo(k)fluoranthene	**3400**		1900	
92-52-4	Biphenyl	1900	U	1900	
108-60-1	2,2'-Oxybis(1-chloropropane)	1900	U	1900	
111-91-1	Bis(2-chloroethoxy)methane	1900	U	1900	
111-44-4	Bis(2-chloroethyl) Ether	1900	U	1900	
117-81-7	Bis(2-ethylhexyl) Phthalate	**5500**		1900	
85-68-7	Butyl Benzyl Phthalate	1900	U	1900	
105-60-2	Caprolactam	1900	U	1900	
86-74-8	Carbazole	**2200**		1900	
218-01-9	Chrysene	**10000**		1900	
84-74-2	Di-n-butyl Phthalate	1900	U	1900	
117-84-0	Di-n-octyl Phthalate	1900	U	1900	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0925
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/6/14 13:09
Sample Name:	B-11 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-012	**Basis:**	Dry
		Percent Solids:	86.3

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375477
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010614\AS515.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	5

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	1900	U	1900	
132-64-9	Dibenzofuran	1900	U	1900	
84-66-2	Diethyl Phthalate	1900	U	1900	
131-11-3	Dimethyl Phthalate	1900	U	1900	
206-44-0	Fluoranthene	**23000**		1900	
86-73-7	Fluorene	1900	U	1900	
118-74-1	Hexachlorobenzene	1900	U	1900	
87-68-3	Hexachlorobutadiene	1900	U	1900	
77-47-4	Hexachlorocyclopentadiene	1900	U	1900	
67-72-1	Hexachloroethane	1900	U	1900	
193-39-5	Indeno(1,2,3-cd)pyrene	**6200**		1900	
78-59-1	Isophorone	1900	U	1900	
621-64-7	N-Nitrosodi-n-propylamine	1900	U	1900	
86-30-6	N-Nitrosodiphenylamine	1900	U	1900	
91-20-3	Naphthalene	1900	U	1900	
98-95-3	Nitrobenzene	1900	U	1900	
85-01-8	Phenanthrene	**18000**		1900	
129-00-0	Pyrene	**19000**		1900	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	69	47-126	1/6/14 13:09	
Nitrobenzene-d5	72	39-136	1/6/14 13:09	
Terphenyl-d14	78	35-152	1/6/14 13:09	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0925
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/31/13
		Date Analyzed:	1/8/14 10:32
Sample Name:	B-11 2-4	**Units:**	µg/Kg
Lab Code:	R1309648-012	**Basis:**	Dry
		Percent Solids:	86.3

Polychlorinated Biphenyls (PCBs) by GC

Analytical Method:	8082A	**Analysis Lot:**	375775
Prep Method:	EPA 3541	**Extraction Lot:**	199779
Data File Name:	I:\ACQUDATA\GCEXT4\DATA\010814\NN857.D\	**Instrument Name:**	R-GC-56
		Dilution Factor:	200

CAS No.	Analyte Name	Result	Q	MRL	Note
12674-11-2	Aroclor 1016	7600	U	7600	
11104-28-2	Aroclor 1221	16000	U	16000	
11141-16-5	Aroclor 1232	7600	U	7600	
53469-21-9	Aroclor 1242	7600	U	7600	
12672-29-6	Aroclor 1248	**27000**		7600	
11097-69-1	Aroclor 1254	**61000**		7600	
11096-82-5	Aroclor 1260	7600	U	7600	

Surrogate Name	%Rec		Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0	*	22-150	1/8/14 10:32	D
Tetrachloro-m-xylene	0	*	10-126	1/8/14 10:32	D

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0929
Sample Matrix:	Soil	**Date Received:**	12/20/13
Sample Name:	B-11 4-6		
Lab Code:	R1309648-013	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**81.3**		Percent	1.0	1	NA	1/2/14 09:19	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0929
Sample Matrix:	Soil	**Date Received:**	12/20/13
Sample Name:	B-11 4-6		
Lab Code:	R1309648-013	**Basis:**	Dry
		Percent Solids:	81.3

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**3.9**		mg/Kg	1.2	1	12/31/13	1/3/14 03:39	
Barium, Total	6010C	**61.7**		mg/Kg	2.3	1	12/31/13	1/3/14 03:39	
Cadmium, Total	6010C	0.59	U	mg/Kg	0.59	1	12/31/13	1/3/14 03:39	
Chromium, Total	6010C	**11.5**		mg/Kg	1.2	1	12/31/13	1/3/14 03:39	
Lead, Total	6010C	**35.1**		mg/Kg	5.9	1	12/31/13	1/3/14 03:39	
Mercury, Total	7471B	**0.098**		mg/Kg	0.037	1	1/ 3/14	1/3/14 17:45	
Selenium, Total	6010C	1.2	U	mg/Kg	1.2	1	12/31/13	1/3/14 03:39	
Silver, Total	6010C	1.2	U	mg/Kg	1.2	1	12/31/13	1/3/14 03:39	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0929
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/30/13 17:30
Sample Name:	B-11 4-6	**Units:**	µg/Kg
Lab Code:	R1309648-013	**Basis:**	Dry
		Percent Solids:	81.3

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6877.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	6.2	U	6.2	
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U	6.2	
79-00-5	1,1,2-Trichloroethane	6.2	U	6.2	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U	6.2	
75-34-3	1,1-Dichloroethane (1,1-DCA)	6.2	U	6.2	
75-35-4	1,1-Dichloroethene (1,1-DCE)	6.2	U	6.2	
120-82-1	1,2,4-Trichlorobenzene	6.2	U	6.2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	6.2	U	6.2	
106-93-4	1,2-Dibromoethane	6.2	U	6.2	
95-50-1	1,2-Dichlorobenzene	6.2	U	6.2	
107-06-2	1,2-Dichloroethane	6.2	U	6.2	
78-87-5	1,2-Dichloropropane	6.2	U	6.2	
541-73-1	1,3-Dichlorobenzene	6.2	U	6.2	
106-46-7	1,4-Dichlorobenzene	6.2	U	6.2	
78-93-3	2-Butanone (MEK)	**14**		6.2	
591-78-6	2-Hexanone	6.2	U	6.2	
108-10-1	4-Methyl-2-pentanone	6.2	U	6.2	
67-64-1	Acetone	**88**		6.2	
71-43-2	Benzene	6.2	U	6.2	
75-27-4	Bromodichloromethane	6.2	U	6.2	
75-25-2	Bromoform	6.2	U	6.2	
74-83-9	Bromomethane	6.2	U	6.2	
75-15-0	Carbon Disulfide	6.2	U	6.2	
56-23-5	Carbon Tetrachloride	6.2	U	6.2	
108-90-7	Chlorobenzene	6.2	U	6.2	
75-00-3	Chloroethane	6.2	U	6.2	
67-66-3	Chloroform	6.2	U	6.2	
74-87-3	Chloromethane	6.2	U	6.2	
110-82-7	Cyclohexane	6.2	U	6.2	
124-48-1	Dibromochloromethane	6.2	U	6.2	
75-71-8	Dichlorodifluoromethane (CFC 12)	6.2	U	6.2	
75-09-2	Dichloromethane	6.2	U	6.2	
100-41-4	Ethylbenzene	6.2	U	6.2	
98-82-8	Isopropylbenzene (Cumene)	6.2	U	6.2	
79-20-9	Methyl Acetate	6.2	U	6.2	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0929
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Analyzed:	12/30/13 17:30
Sample Name:	B-11 4-6	**Units:**	µg/Kg
Lab Code:	R1309648-013	**Basis:**	Dry
		Percent Solids:	81.3

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6877.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	**8.5**		6.2	
108-87-2	Methylcyclohexane	6.2	U	6.2	
100-42-5	Styrene	6.2	U	6.2	
127-18-4	Tetrachloroethene (PCE)	6.2	U	6.2	
108-88-3	Toluene	6.2	U	6.2	
79-01-6	Trichloroethene (TCE)	6.2	U	6.2	
75-69-4	Trichlorofluoromethane (CFC 11)	6.2	U	6.2	
75-01-4	Vinyl Chloride	6.2	U	6.2	
156-59-2	cis-1,2-Dichloroethene	6.2	U	6.2	
10061-01-5	cis-1,3-Dichloropropene	6.2	U	6.2	
179601-23-1	m,p-Xylenes	12	U	12	
95-47-6	o-Xylene	6.2	U	6.2	
156-60-5	trans-1,2-Dichloroethene	6.2	U	6.2	
10061-02-6	trans-1,3-Dichloropropene	6.2	U	6.2	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	51-136	12/30/13 17:30	
Dibromofluoromethane	92	63-138	12/30/13 17:30	
Toluene-d8	89	66-138	12/30/13 17:30	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0929
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 16:18
Sample Name:	B-11 4-6	**Units:**	µg/Kg
Lab Code:	R1309648-013	**Basis:**	Dry
		Percent Solids:	81.3

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS499.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	410	U	410	
606-20-2	2,6-Dinitrotoluene	410	U	410	
91-58-7	2-Chloronaphthalene	410	U	410	
91-57-6	2-Methylnaphthalene	410	U	410	
88-74-4	2-Nitroaniline	2100	U	2100	
91-94-1	3,3'-Dichlorobenzidine	410	U	410	
99-09-2	3-Nitroaniline	2100	U	2100	
101-55-3	4-Bromophenyl Phenyl Ether	410	U	410	
106-47-8	4-Chloroaniline	410	U	410	
7005-72-3	4-Chlorophenyl Phenyl Ether	410	U	410	
100-01-6	4-Nitroaniline	2100	U	2100	
83-32-9	Acenaphthene	410	U	410	
208-96-8	Acenaphthylene	410	U	410	
98-86-2	Acetophenone	410	U	410	
120-12-7	Anthracene	410	U	410	
1912-24-9	Atrazine	410	U	410	
56-55-3	Benz(a)anthracene	410	U	410	
100-52-7	Benzaldehyde	2100	U	2100	
50-32-8	Benzo(a)pyrene	410	U	410	
205-99-2	Benzo(b)fluoranthene	410	U	410	
191-24-2	Benzo(g,h,i)perylene	410	U	410	
207-08-9	Benzo(k)fluoranthene	410	U	410	
92-52-4	Biphenyl	410	U	410	
108-60-1	2,2'-Oxybis(1-chloropropane)	410	U	410	
111-91-1	Bis(2-chloroethoxy)methane	410	U	410	
111-44-4	Bis(2-chloroethyl) Ether	410	U	410	
117-81-7	Bis(2-ethylhexyl) Phthalate	410	U	410	
85-68-7	Butyl Benzyl Phthalate	410	U	410	
105-60-2	Caprolactam	410	U	410	
86-74-8	Carbazole	410	U	410	
218-01-9	Chrysene	410	U	410	
84-74-2	Di-n-butyl Phthalate	410	U	410	
117-84-0	Di-n-octyl Phthalate	410	U	410	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0929
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/30/13
		Date Analyzed:	1/3/14 16:18
Sample Name:	B-11 4-6	**Units:**	µg/Kg
Lab Code:	R1309648-013	**Basis:**	Dry
		Percent Solids:	81.3

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375430
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010314\AS499.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	410	U	410	
132-64-9	Dibenzofuran	410	U	410	
84-66-2	Diethyl Phthalate	410	U	410	
131-11-3	Dimethyl Phthalate	410	U	410	
206-44-0	Fluoranthene	410	U	410	
86-73-7	Fluorene	410	U	410	
118-74-1	Hexachlorobenzene	410	U	410	
87-68-3	Hexachlorobutadiene	410	U	410	
77-47-4	Hexachlorocyclopentadiene	410	U	410	
67-72-1	Hexachloroethane	410	U	410	
193-39-5	Indeno(1,2,3-cd)pyrene	410	U	410	
78-59-1	Isophorone	410	U	410	
621-64-7	N-Nitrosodi-n-propylamine	410	U	410	
86-30-6	N-Nitrosodiphenylamine	410	U	410	
91-20-3	Naphthalene	410	U	410	
98-95-3	Nitrobenzene	410	U	410	
85-01-8	Phenanthrene	410	U	410	
129-00-0	Pyrene	410	U	410	

Surrogate Name	%Rec		Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	44	*	47-126	1/3/14 16:18	
Nitrobenzene-d5	46		39-136	1/3/14 16:18	
Terphenyl-d14	52		35-152	1/3/14 16:18	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0929
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	1/6/14
		Date Analyzed:	1/7/14 19:54
Sample Name:	B-11 4-6	**Units:**	µg/Kg
Lab Code:	R1309648-013	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	81.3

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375770
Prep Method:	EPA 3541	**Extraction Lot:**	200097
Data File Name:	I:\ACQUDATA\5973A\DATA\010714\CU876.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	410	U	410	*
606-20-2	2,6-Dinitrotoluene	410	U	410	*
91-58-7	2-Chloronaphthalene	410	U	410	*
91-57-6	2-Methylnaphthalene	410	U	410	*
88-74-4	2-Nitroaniline	2100	U	2100	*
91-94-1	3,3'-Dichlorobenzidine	410	U	410	*
99-09-2	3-Nitroaniline	2100	U	2100	*
101-55-3	4-Bromophenyl Phenyl Ether	410	U	410	*
106-47-8	4-Chloroaniline	410	U	410	*
7005-72-3	4-Chlorophenyl Phenyl Ether	410	U	410	*
100-01-6	4-Nitroaniline	2100	U	2100	*
83-32-9	Acenaphthene	410	U	410	*
208-96-8	Acenaphthylene	410	U	410	*
98-86-2	Acetophenone	410	U	410	*
120-12-7	Anthracene	410	U	410	*
1912-24-9	Atrazine	410	U	410	*
56-55-3	Benz(a)anthracene	410	U	410	*
100-52-7	Benzaldehyde	2100	U	2100	*
50-32-8	Benzo(a)pyrene	410	U	410	*
205-99-2	Benzo(b)fluoranthene	410	U	410	*
191-24-2	Benzo(g,h,i)perylene	410	U	410	*
207-08-9	Benzo(k)fluoranthene	410	U	410	*
92-52-4	Biphenyl	410	U	410	*
108-60-1	2,2'-Oxybis(1-chloropropane)	410	U	410	*
111-91-1	Bis(2-chloroethoxy)methane	410	U	410	*
111-44-4	Bis(2-chloroethyl) Ether	410	U	410	*
117-81-7	Bis(2-ethylhexyl) Phthalate	410	U	410	*
85-68-7	Butyl Benzyl Phthalate	410	U	410	*
105-60-2	Caprolactam	410	U	410	*
86-74-8	Carbazole	410	U	410	*
218-01-9	Chrysene	410	U	410	*
84-74-2	Di-n-butyl Phthalate	410	U	410	*
117-84-0	Di-n-octyl Phthalate	410	U	410	*

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0929
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	1/6/14
		Date Analyzed:	1/7/14 19:54
Sample Name:	B-11 4-6	**Units:**	µg/Kg
Lab Code:	R1309648-013	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	81.3

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375770
Prep Method:	EPA 3541	**Extraction Lot:**	200097
Data File Name:	I:\ACQUDATA\5973A\DATA\010714\CU876.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	410	U	410	*
132-64-9	Dibenzofuran	410	U	410	*
84-66-2	Diethyl Phthalate	410	U	410	*
131-11-3	Dimethyl Phthalate	410	U	410	*
206-44-0	Fluoranthene	410	U	410	*
86-73-7	Fluorene	410	U	410	*
118-74-1	Hexachlorobenzene	410	U	410	*
87-68-3	Hexachlorobutadiene	410	U	410	*
77-47-4	Hexachlorocyclopentadiene	410	U	410	*
67-72-1	Hexachloroethane	410	U	410	*
193-39-5	Indeno(1,2,3-cd)pyrene	410	U	410	*
78-59-1	Isophorone	410	U	410	*
621-64-7	N-Nitrosodi-n-propylamine	410	U	410	*
86-30-6	N-Nitrosodiphenylamine	410	U	410	*
91-20-3	Naphthalene	410	U	410	*
98-95-3	Nitrobenzene	410	U	410	*
85-01-8	Phenanthrene	410	U	410	*
129-00-0	Pyrene	410	U	410	*

Surrogate Name	%Rec		Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	46	*	47-126	1/7/14 19:54	
Nitrobenzene-d5	49		39-136	1/7/14 19:54	
Terphenyl-d14	40		35-152	1/7/14 19:54	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 0929
Sample Matrix:	Soil	**Date Received:**	12/20/13
		Date Extracted:	12/31/13
		Date Analyzed:	1/6/14 17:50
Sample Name:	B-11 4-6	**Units:**	µg/Kg
Lab Code:	R1309648-013	**Basis:**	Dry
		Percent Solids:	81.3

Polychlorinated Biphenyls (PCBs) by GC

Analytical Method:	8082A	**Analysis Lot:**	375546
Prep Method:	EPA 3541	**Extraction Lot:**	199779
Data File Name:	I:\ACQUDATA\GCEXT4\DATA\010614\NN813.D\	**Instrument Name:**	R-GC-56
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
12674-11-2	Aroclor 1016	41	U	41	
11104-28-2	Aroclor 1221	82	U	82	
11141-16-5	Aroclor 1232	41	U	41	
53469-21-9	Aroclor 1242	41	U	41	
12672-29-6	Aroclor 1248	41	U	41	
11097-69-1	Aroclor 1254	41	U	41	
11096-82-5	Aroclor 1260	41	U	41	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	60	22-150	1/6/14 17:50	
Tetrachloro-m-xylene	61	10-126	1/6/14 17:50	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 1050
Sample Matrix:	Water	**Date Received:**	12/20/13
		Date Analyzed:	1/2/14 19:25
Sample Name:	B-10 GW	**Units:**	µg/L
Lab Code:	R1309648-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375134
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5161.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0	U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0	U	5.0	
106-93-4	1,2-Dibromoethane	5.0	U	5.0	
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	
107-06-2	1,2-Dichloroethane	5.0	U	5.0	
78-87-5	1,2-Dichloropropane	5.0	U	5.0	
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	
78-93-3	2-Butanone (MEK)	10	U	10	
591-78-6	2-Hexanone	10	U	10	
108-10-1	4-Methyl-2-pentanone	10	U	10	
67-64-1	Acetone	33		10	
71-43-2	Benzene	5.0	U	5.0	
75-27-4	Bromodichloromethane	5.0	U	5.0	
75-25-2	Bromoform	5.0	U	5.0	
74-83-9	Bromomethane	5.0	U	5.0	
75-15-0	Carbon Disulfide	10	U	10	
56-23-5	Carbon Tetrachloride	5.0	U	5.0	
108-90-7	Chlorobenzene	5.0	U	5.0	
75-00-3	Chloroethane	5.0	U	5.0	
67-66-3	Chloroform	5.0	U	5.0	
74-87-3	Chloromethane	5.0	U	5.0	
110-82-7	Cyclohexane	10	U	10	
124-48-1	Dibromochloromethane	5.0	U	5.0	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0	U	5.0	
75-09-2	Dichloromethane	5.0	U	5.0	
100-41-4	Ethylbenzene	5.0	U	5.0	
98-82-8	Isopropylbenzene (Cumene)	5.0	U	5.0	
79-20-9	Methyl Acetate	10	U	10	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 1050
Sample Matrix:	Water	**Date Received:**	12/20/13
		Date Analyzed:	1/2/14 19:25
Sample Name:	B-10 GW	**Units:**	µg/L
Lab Code:	R1309648-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375134
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5161.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	110		5.0	
108-87-2	Methylcyclohexane	10	U	10	
100-42-5	Styrene	5.0	U	5.0	
127-18-4	Tetrachloroethene (PCE)	5.0	U	5.0	
108-88-3	Toluene	5.0	U	5.0	
79-01-6	Trichloroethene (TCE)	5.0	U	5.0	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0	U	5.0	
75-01-4	Vinyl Chloride	5.0	U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	
179601-23-1	m,p-Xylenes	5.0	U	5.0	
95-47-6	o-Xylene	5.0	U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85-122	1/2/14 19:25	
Dibromofluoromethane	107	89-119	1/2/14 19:25	
Toluene-d8	102	87-121	1/2/14 19:25	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 1140
Sample Matrix:	Water	**Date Received:**	12/20/13
		Date Analyzed:	1/2/14 19:56
Sample Name:	B-6 GW	**Units:**	µg/L
Lab Code:	R1309648-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375134
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5162.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0	U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0	U	5.0	
106-93-4	1,2-Dibromoethane	5.0	U	5.0	
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	
107-06-2	1,2-Dichloroethane	5.0	U	5.0	
78-87-5	1,2-Dichloropropane	5.0	U	5.0	
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	
78-93-3	2-Butanone (MEK)	10	U	10	
591-78-6	2-Hexanone	10	U	10	
108-10-1	4-Methyl-2-pentanone	10	U	10	
67-64-1	Acetone	25		10	
71-43-2	Benzene	52		5.0	
75-27-4	Bromodichloromethane	5.0	U	5.0	
75-25-2	Bromoform	5.0	U	5.0	
74-83-9	Bromomethane	5.0	U	5.0	
75-15-0	Carbon Disulfide	10	U	10	
56-23-5	Carbon Tetrachloride	5.0	U	5.0	
108-90-7	Chlorobenzene	5.0	U	5.0	
75-00-3	Chloroethane	5.0	U	5.0	
67-66-3	Chloroform	5.0	U	5.0	
74-87-3	Chloromethane	5.0	U	5.0	
110-82-7	Cyclohexane	10	U	10	
124-48-1	Dibromochloromethane	5.0	U	5.0	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0	U	5.0	
75-09-2	Dichloromethane	5.0	U	5.0	
100-41-4	Ethylbenzene	5.0	U	5.0	
98-82-8	Isopropylbenzene (Cumene)	5.0	U	5.0	
79-20-9	Methyl Acetate	10	U	10	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 1140
Sample Matrix:	Water	**Date Received:**	12/20/13
		Date Analyzed:	1/2/14 19:56
Sample Name:	B-6 GW	**Units:**	µg/L
Lab Code:	R1309648-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375134
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5162.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	**450**	E	5.0	
108-87-2	Methylcyclohexane	10	U	10	
100-42-5	Styrene	5.0	U	5.0	
127-18-4	Tetrachloroethene (PCE)	5.0	U	5.0	
108-88-3	Toluene	5.0	U	5.0	
79-01-6	Trichloroethene (TCE)	5.0	U	5.0	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0	U	5.0	
75-01-4	Vinyl Chloride	5.0	U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	
I0061-01-5	cis-I,3-Dichloropropene	5.0	U	5.0	
179601-23-1	m,p-Xylenes	5.0	U	5.0	
95-47-6	o-Xylene	5.0	U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	85-122	I/2/14 19:56	
Dibromofluoromethane	102	89-119	1/2/14 19:56	
Toluene-d8	99	87-121	1/2/14 19:56	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 1140
Sample Matrix:	Water	**Date Received:**	12/20/13
		Date Analyzed:	1/3/14 20:51
Sample Name:	B-6 GW	**Units:**	µg/L
Lab Code:	R1309648-015	**Basis:**	NA
Run Type:	Dilution		

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375318
Data File Name:	I:\ACQUDATA\msvoa10\data\010314\F5188.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	10

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	50	U	50	
79-34-5	1,1,2,2-Tetrachloroethane	50	U	50	
79-00-5	1,1,2-Trichloroethane	50	U	50	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	50	U	50	
75-34-3	1,1-Dichloroethane (1,1-DCA)	50	U	50	
75-35-4	1,1-Dichloroethene (1,1-DCE)	50	U	50	
120-82-1	1,2,4-Trichlorobenzene	50	U	50	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	50	U	50	
106-93-4	1,2-Dibromoethane	50	U	50	
95-50-1	1,2-Dichlorobenzene	50	U	50	
107-06-2	1,2-Dichloroethane	50	U	50	
78-87-5	1,2-Dichloropropane	50	U	50	
541-73-1	1,3-Dichlorobenzene	50	U	50	
106-46-7	1,4-Dichlorobenzene	50	U	50	
78-93-3	2-Butanone (MEK)	100	U	100	
591-78-6	2-Hexanone	100	U	100	
108-10-1	4-Methyl-2-pentanone	100	U	100	
67-64-1	Acetone	100	U	100	
71-43-2	Benzene	50	U	50	
75-27-4	Bromodichloromethane	50	U	50	
75-25-2	Bromoform	50	U	50	
74-83-9	Bromomethane	50	U	50	
75-15-0	Carbon Disulfide	100	U	100	
56-23-5	Carbon Tetrachloride	50	U	50	
108-90-7	Chlorobenzene	50	U	50	
75-00-3	Chloroethane	50	U	50	
67-66-3	Chloroform	50	U	50	
74-87-3	Chloromethane	50	U	50	
110-82-7	Cyclohexane	100	U	100	
124-48-1	Dibromochloromethane	50	U	50	
75-71-8	Dichlorodifluoromethane (CFC 12)	50	U	50	
75-09-2	Dichloromethane	50	U	50	
100-41-4	Ethylbenzene	50	U	50	
98-82-8	Isopropylbenzene (Cumene)	50	U	50	
79-20-9	Methyl Acetate	100	U	100	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 1140
Sample Matrix:	Water	**Date Received:**	12/20/13
		Date Analyzed:	1/3/14 20:51
Sample Name:	B-6 GW	**Units:**	µg/L
Lab Code:	R1309648-015	**Basis:**	NA
Run Type:	Dilution		

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375318
Data File Name:	I:\ACQUDATA\msvoa10\data\010314\F5188.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	10

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	**430**	D	50	
108-87-2	Methylcyclohexane	100	U	100	
100-42-5	Styrene	50	U	50	
127-18-4	Tetrachloroethene (PCE)	50	U	50	
108-88-3	Toluene	50	U	50	
79-01-6	Trichloroethene (TCE)	50	U	50	
75-69-4	Trichlorofluoromethane (CFC 11)	50	U	50	
75-01-4	Vinyl Chloride	50	U	50	
156-59-2	cis-1,2-Dichloroethene	50	U	50	
10061-01-5	cis-1,3-Dichloropropene	50	U	50	
179601-23-1	m,p-Xylenes	50	U	50	
95-47-6	o-Xylene	50	U	50	
156-60-5	trans-1,2-Dichloroethene	50	U	50	
10061-02-6	trans-1,3-Dichloropropene	50	U	50	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85-122	1/3/14 20:51	
Dibromofluoromethane	107	89-119	1/3/14 20:51	
Toluene-d8	99	87-121	1/3/14 20:51	

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Water

Service Request: R1309648
Date Collected: 12/20/13 1225
Date Received: 12/20/13

Sample Name: B-2 GW
Lab Code: R1309648-016

Basis: NA

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Dissolved	6010C	10	U	µg/L	10	1	12/30/13	12/31/13 22:50	
Barium, Dissolved	6010C	**582**		µg/L	20	1	12/30/13	12/31/13 22:50	
Cadmium, Dissolved	6010C	5.0	U	µg/L	5.0	1	12/30/13	12/31/13 22:50	
Chromium, Dissolved	6010C	10	U	µg/L	10	1	12/30/13	12/31/13 22:50	
Lead, Dissolved	6010C	50	U	µg/L	50	1	12/30/13	12/31/13 22:50	
Mercury, Dissolved	7470A	0.20	U	µg/L	0.20	1	1/ 3/14	1/3/14 19:40	
Selenium, Dissolved	6010C	10	U	µg/L	10	1	12/30/13	12/31/13 22:50	
Silver, Dissolved	6010C	10	U	µg/L	10	1	12/30/13	12/31/13 22:50	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 1225
Sample Matrix:	Water	**Date Received:**	12/20/13
		Date Analyzed:	1/2/14 20:57
Sample Name:	B-2 GW	**Units:**	µg/L
Lab Code:	R1309648-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375134
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5164.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	5

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	25	U	25	
79-34-5	1,1,2,2-Tetrachloroethane	25	U	25	
79-00-5	1,1,2-Trichloroethane	25	U	25	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U	25	
75-34-3	1,1-Dichloroethane (1,1-DCA)	25	U	25	
75-35-4	1,1-Dichloroethene (1,1-DCE)	25	U	25	
120-82-1	1,2,4-Trichlorobenzene	25	U	25	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	25	U	25	
106-93-4	1,2-Dibromoethane	25	U	25	
95-50-1	1,2-Dichlorobenzene	25	U	25	
107-06-2	1,2-Dichloroethane	25	U	25	
78-87-5	1,2-Dichloropropane	25	U	25	
541-73-1	1,3-Dichlorobenzene	25	U	25	
106-46-7	1,4-Dichlorobenzene	25	U	25	
78-93-3	2-Butanone (MEK)	50	U	50	
591-78-6	2-Hexanone	50	U	50	
108-10-1	4-Methyl-2-pentanone	50	U	50	
67-64-1	Acetone	50	U	50	
71-43-2	Benzene	25	U	25	
75-27-4	Bromodichloromethane	25	U	25	
75-25-2	Bromoform	25	U	25	
74-83-9	Bromomethane	25	U	25	
75-15-0	Carbon Disulfide	50	U	50	
56-23-5	Carbon Tetrachloride	25	U	25	
108-90-7	Chlorobenzene	25	U	25	
75-00-3	Chloroethane	25	U	25	
67-66-3	Chloroform	25	U	25	
74-87-3	Chloromethane	25	U	25	
110-82-7	Cyclohexane	50	U	50	
124-48-1	Dibromochloromethane	25	U	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	25	U	25	
75-09-2	Dichloromethane	25	U	25	
100-41-4	Ethylbenzene	25	U	25	
98-82-8	Isopropylbenzene (Cumene)	25	U	25	
79-20-9	Methyl Acetate	50	U	50	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 1225
Sample Matrix:	Water	**Date Received:**	12/20/13
		Date Analyzed:	1/2/14 20:57
Sample Name:	B-2 GW	**Units:**	µg/L
Lab Code:	R1309648-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375134
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5164.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	5

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	25	U	25	
108-87-2	Methylcyclohexane	50	U	50	
100-42-5	Styrene	25	U	25	
127-18-4	Tetrachloroethene (PCE)	25	U	25	
108-88-3	Toluene	25	U	25	
79-01-6	Trichloroethene (TCE)	25	U	25	
75-69-4	Trichlorofluoromethane (CFC 11)	25	U	25	
75-01-4	Vinyl Chloride	25	U	25	
156-59-2	cis-1,2-Dichloroethene	25	U	25	
10061-01-5	cis-1,3-Dichloropropene	25	U	25	
179601-23-1	m,p-Xylenes	25	U	25	
95-47-6	o-Xylene	25	U	25	
156-60-5	trans-1,2-Dichloroethene	25	U	25	
10061-02-6	trans-1,3-Dichloropropene	25	U	25	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85-122	1/2/14 20:57	
Dibromofluoromethane	104	89-119	1/2/14 20:57	
Toluene-d8	98	87-121	1/2/14 20:57	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 1225
Sample Matrix:	Water	**Date Received:**	12/20/13
		Date Extracted:	12/26/13
		Date Analyzed:	1/2/14 19:34
Sample Name:	B-2 GW	**Units:**	µg/L
Lab Code:	R1309648-016	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375400
Prep Method:	EPA 3510C	**Extraction Lot:**	199494
Data File Name:	I:\ACQUDATA\5973D\Data\010214\AS471.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	9.4	U	9.4	
606-20-2	2,6-Dinitrotoluene	9.4	U	9.4	
91-58-7	2-Chloronaphthalene	9.4	U	9.4	
91-57-6	2-Methylnaphthalene	9.4	U	9.4	
88-74-4	2-Nitroaniline	47	U	47	
91-94-1	3,3'-Dichlorobenzidine	9.4	U	9.4	
99-09-2	3-Nitroaniline	47	U	47	
101-55-3	4-Bromophenyl Phenyl Ether	9.4	U	9.4	
106-47-8	4-Chloroaniline	9.4	U	9.4	
7005-72-3	4-Chlorophenyl Phenyl Ether	9.4	U	9.4	
100-01-6	4-Nitroaniline	47	U	47	
83-32-9	Acenaphthene	9.4	U	9.4	
208-96-8	Acenaphthylene	9.4	U	9.4	
98-86-2	Acetophenone	9.4	U	9.4	
120-12-7	Anthracene	9.4	U	9.4	
1912-24-9	Atrazine	9.4	U	9.4	
56-55-3	Benz(a)anthracene	9.4	U	9.4	
100-52-7	Benzaldehyde	47	U	47	
50-32-8	Benzo(a)pyrene	9.4	U	9.4	
205-99-2	Benzo(b)fluoranthene	9.4	U	9.4	
191-24-2	Benzo(g,h,i)perylene	9.4	U	9.4	
207-08-9	Benzo(k)fluoranthene	9.4	U	9.4	
92-52-4	Biphenyl	9.4	U	9.4	
108-60-1	2,2'-Oxybis(1-chloropropane)	9.4	U	9.4	
111-91-1	Bis(2-chloroethoxy)methane	9.4	U	9.4	
111-44-4	Bis(2-chloroethyl) Ether	9.4	U	9.4	
117-81-7	Bis(2-ethylhexyl) Phthalate	9.4	U	9.4	
85-68-7	Butyl Benzyl Phthalate	9.4	U	9.4	
105-60-2	Caprolactam	9.4	U	9.4	
86-74-8	Carbazole	9.4	U	9.4	
218-01-9	Chrysene	9.4	U	9.4	
84-74-2	Di-n-butyl Phthalate	9.4	U	9.4	
117-84-0	Di-n-octyl Phthalate	9.4	U	9.4	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 1225
Sample Matrix:	Water	**Date Received:**	12/20/13
		Date Extracted:	12/26/13
		Date Analyzed:	1/2/14 19:34
Sample Name:	B-2 GW	**Units:**	µg/L
Lab Code:	R1309648-016	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375400
Prep Method:	EPA 3510C	**Extraction Lot:**	199494
Data File Name:	I:\ACQUDATA\5973D\Data\010214\AS471.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	9.4	U	9.4	
132-64-9	Dibenzofuran	9.4	U	9.4	
84-66-2	Diethyl Phthalate	9.4	U	9.4	
131-11-3	Dimethyl Phthalate	9.4	U	9.4	
206-44-0	Fluoranthene	9.4	U	9.4	
86-73-7	Fluorene	9.4	U	9.4	
118-74-1	Hexachlorobenzene	9.4	U	9.4	
87-68-3	Hexachlorobutadiene	9.4	U	9.4	
77-47-4	Hexachlorocyclopentadiene	9.4	U	9.4	
67-72-1	Hexachloroethane	9.4	U	9.4	
193-39-5	Indeno(1,2,3-cd)pyrene	9.4	U	9.4	
78-59-1	Isophorone	9.4	U	9.4	
621-64-7	N-Nitrosodi-n-propylamine	9.4	U	9.4	
86-30-6	N-Nitrosodiphenylamine	9.4	U	9.4	
91-20-3	Naphthalene	9.4	U	9.4	
98-95-3	Nitrobenzene	9.4	U	9.4	
85-01-8	Phenanthrene	9.4	U	9.4	
129-00-0	Pyrene	9.4	U	9.4	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	77	39-119	1/2/14 19:34	
Nitrobenzene-d5	75	37-117	1/2/14 19:34	
Terphenyl-d14	80	40-133	1/2/14 19:34	

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Water

Service Request: R1309648
Date Collected: 12/20/13 1315
Date Received: 12/20/13

Sample Name: B-5 GW
Lab Code: R1309648-017

Basis: NA

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Dissolved	6010C	10	U	µg/L	10	1	12/30/13	12/31/13 22:57	
Barium, Dissolved	6010C	477		µg/L	20	1	12/30/13	12/31/13 22:57	
Cadmium, Dissolved	6010C	5.0	U	µg/L	5.0	1	12/30/13	12/31/13 22:57	
Chromium, Dissolved	6010C	10	U	µg/L	10	1	12/30/13	12/31/13 22:57	
Lead, Dissolved	6010C	50	U	µg/L	50	1	12/30/13	12/31/13 22:57	
Mercury, Dissolved	7470A	0.20	U	µg/L	0.20	1	1/ 3/14	1/3/14 19:42	
Selenium, Dissolved	6010C	10	U	µg/L	10	1	12/30/13	12/31/13 22:57	
Silver, Dissolved	6010C	10	U	µg/L	10	1	12/30/13	12/31/13 22:57	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 1315
Sample Matrix:	Water	**Date Received:**	12/20/13
		Date Analyzed:	1/2/14 20:26
Sample Name:	B-5 GW	**Units:**	µg/L
Lab Code:	R1309648-017	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375134
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5163.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0	U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0	U	5.0	
106-93-4	1,2-Dibromoethane	5.0	U	5.0	
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	
107-06-2	1,2-Dichloroethane	**5.4**		5.0	
78-87-5	1,2-Dichloropropane	5.0	U	5.0	
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	
78-93-3	2-Butanone (MEK)	10	U	10	
591-78-6	2-Hexanone	10	U	10	
108-10-1	4-Methyl-2-pentanone	10	U	10	
67-64-1	Acetone	**18**		10	
71-43-2	Benzene	**8.6**		5.0	
75-27-4	Bromodichloromethane	5.0	U	5.0	
75-25-2	Bromoform	5.0	U	5.0	
74-83-9	Bromomethane	5.0	U	5.0	
75-15-0	Carbon Disulfide	10	U	10	
56-23-5	Carbon Tetrachloride	5.0	U	5.0	
108-90-7	Chlorobenzene	5.0	U	5.0	
75-00-3	Chloroethane	5.0	U	5.0	
67-66-3	Chloroform	5.0	U	5.0	
74-87-3	Chloromethane	5.0	U	5.0	
110-82-7	Cyclohexane	10	U	10	
124-48-1	Dibromochloromethane	5.0	U	5.0	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0	U	5.0	
75-09-2	Dichloromethane	5.0	U	5.0	
100-41-4	Ethylbenzene	5.0	U	5.0	
98-82-8	Isopropylbenzene (Cumene)	5.0	U	5.0	
79-20-9	Methyl Acetate	10	U	10	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 1315
Sample Matrix:	Water	**Date Received:**	12/20/13
		Date Analyzed:	1/2/14 20:26
Sample Name:	B-5 GW	**Units:**	µg/L
Lab Code:	R1309648-017	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375134
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5163.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	**140**		5.0	
108-87-2	Methylcyclohexane	10	U	10	
100-42-5	Styrene	5.0	U	5.0	
127-18-4	Tetrachloroethene (PCE)	5.0	U	5.0	
108-88-3	Toluene	5.0	U	5.0	
79-01-6	Trichloroethene (TCE)	5.0	U	5.0	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0	U	5.0	
75-01-4	Vinyl Chloride	5.0	U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	
179601-23-1	m,p-Xylenes	**6.5**		5.0	
95-47-6	o-Xylene	**5.4**		5.0	
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85-122	1/2/14 20:26	
Dibromofluoromethane	104	89-119	1/2/14 20:26	
Toluene-d8	100	87-121	1/2/14 20:26	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 1315
Sample Matrix:	Water	**Date Received:**	12/20/13
		Date Extracted:	12/26/13
		Date Analyzed:	1/2/14 19:59
Sample Name:	B-5 GW	**Units:**	µg/L
Lab Code:	R1309648-017	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375400
Prep Method:	EPA 3510C	**Extraction Lot:**	199494
Data File Name:	I:\ACQUDATA\5973D\Data\010214\AS472.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	9.4	U	9.4	
606-20-2	2,6-Dinitrotoluene	9.4	U	9.4	
91-58-7	2-Chloronaphthalene	9.4	U	9.4	
91-57-6	2-Methylnaphthalene	9.4	U	9.4	
88-74-4	2-Nitroaniline	47	U	47	
91-94-1	3,3'-Dichlorobenzidine	9.4	U	9.4	
99-09-2	3-Nitroaniline	47	U	47	
101-55-3	4-Bromophenyl Phenyl Ether	9.4	U	9.4	
106-47-8	4-Chloroaniline	9.4	U	9.4	
7005-72-3	4-Chlorophenyl Phenyl Ether	9.4	U	9.4	
100-01-6	4-Nitroaniline	47	U	47	
83-32-9	Acenaphthene	9.4	U	9.4	
208-96-8	Acenaphthylene	9.4	U	9.4	
98-86-2	Acetophenone	9.4	U	9.4	
120-12-7	Anthracene	9.4	U	9.4	
1912-24-9	Atrazine	9.4	U	9.4	
56-55-3	Benz(a)anthracene	9.4	U	9.4	
100-52-7	Benzaldehyde	47	U	47	
50-32-8	Benzo(a)pyrene	9.4	U	9.4	
205-99-2	Benzo(b)fluoranthene	9.4	U	9.4	
191-24-2	Benzo(g,h,i)perylene	9.4	U	9.4	
207-08-9	Benzo(k)fluoranthene	9.4	U	9.4	
92-52-4	Biphenyl	9.4	U	9.4	
108-60-1	2,2'-Oxybis(1-chloropropane)	9.4	U	9.4	
111-91-1	Bis(2-chloroethoxy)methane	9.4	U	9.4	
111-44-4	Bis(2-chloroethyl) Ether	9.4	U	9.4	
117-81-7	Bis(2-ethylhexyl) Phthalate	9.4	U	9.4	
85-68-7	Butyl Benzyl Phthalate	9.4	U	9.4	
105-60-2	Caprolactam	9.4	U	9.4	
86-74-8	Carbazole	9.4	U	9.4	
218-01-9	Chrysene	9.4	U	9.4	
84-74-2	Di-n-butyl Phthalate	9.4	U	9.4	
117-84-0	Di-n-octyl Phthalate	9.4	U	9.4	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	12/20/13 1315
Sample Matrix:	Water	**Date Received:**	12/20/13
		Date Extracted:	12/26/13
		Date Analyzed:	1/2/14 19:59
Sample Name:	B-5 GW	**Units:**	µg/L
Lab Code:	R1309648-017	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375400
Prep Method:	EPA 3510C	**Extraction Lot:**	199494
Data File Name:	I:\ACQUDATA\5973D\Data\010214\AS472.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	9.4	U	9.4	
132-64-9	Dibenzofuran	9.4	U	9.4	
84-66-2	Diethyl Phthalate	9.4	U	9.4	
131-11-3	Dimethyl Phthalate	9.4	U	9.4	
206-44-0	Fluoranthene	9.4	U	9.4	
86-73-7	Fluorene	9.4	U	9.4	
118-74-1	Hexachlorobenzene	9.4	U	9.4	
87-68-3	Hexachlorobutadiene	9.4	U	9.4	
77-47-4	Hexachlorocyclopentadiene	9.4	U	9.4	
67-72-1	Hexachloroethane	9.4	U	9.4	
193-39-5	Indeno(1,2,3-cd)pyrene	9.4	U	9.4	
78-59-1	Isophorone	9.4	U	9.4	
621-64-7	N-Nitrosodi-n-propylamine	9.4	U	9.4	
86-30-6	N-Nitrosodiphenylamine	9.4	U	9.4	
91-20-3	Naphthalene	9.4	U	9.4	
98-95-3	Nitrobenzene	9.4	U	9.4	
85-01-8	Phenanthrene	9.4	U	9.4	
129-00-0	Pyrene	9.4	U	9.4	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	76	39-119	1/2/14 19:59	
Nitrobenzene-d5	79	37-117	1/2/14 19:59	
Terphenyl-d14	88	40-133	1/2/14 19:59	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank		
Lab Code:	R1309648-MB1	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	1.0	U	Percent	1.0	1	NA	12/30/13 09:17	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank		
Lab Code:	R1309648-MB2	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	1.0	U	Percent	1.0	1	NA	1/2/14 09:19	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank		
Lab Code:	R1309648-MB1	**Basis:**	NA

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Dissolved	6010C	10	U	µg/L	10	1	12/30/13	12/31/13 20:24	
Barium, Dissolved	6010C	20	U	µg/L	20	1	12/30/13	12/31/13 20:24	
Cadmium, Dissolved	6010C	5.0	U	µg/L	5.0	1	12/30/13	12/31/13 20:24	
Chromium, Dissolved	6010C	10	U	µg/L	10	1	12/30/13	12/31/13 20:24	
Lead, Dissolved	6010C	50	U	µg/L	50	1	12/30/13	12/31/13 20:24	
Mercury, Dissolved	7470A	0.20	U	µg/L	0.20	1	1/ 3/14	1/3/14 19:14	
Selenium, Dissolved	6010C	10	U	µg/L	10	1	12/30/13	12/31/13 20:24	
Silver, Dissolved	6010C	10	U	µg/L	10	1	12/30/13	12/31/13 20:24	

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: R1309648-MB2

Basis: Dry

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	1.0	U	mg/Kg	1.0	1	12/31/13	1/3/14 01:04	
Barium, Total	6010C	2.0	U	mg/Kg	2.0	1	12/31/13	1/3/14 01:04	
Cadmium, Total	6010C	0.50	U	mg/Kg	0.50	1	12/31/13	1/3/14 01:04	
Chromium, Total	6010C	1.0	U	mg/Kg	1.0	1	12/31/13	1/3/14 01:04	
Lead, Total	6010C	5.0	U	mg/Kg	5.0	1	12/31/13	1/3/14 01:04	
Mercury, Total	7471B	0.033	U	mg/Kg	0.033	1	1/3/14	1/3/14 17:13	
Selenium, Total	6010C	1.0	U	mg/Kg	1.0	1	12/31/13	1/3/14 01:04	
Silver, Total	6010C	1.0	U	mg/Kg	1.0	1	12/31/13	1/3/14 01:04	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Analyzed:	12/30/13 12:19
Sample Name:	Method Blank	**Units:**	µg/Kg
Lab Code:	RQ1400228-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6869.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0	U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0	U	5.0	
106-93-4	1,2-Dibromoethane	5.0	U	5.0	
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	
107-06-2	1,2-Dichloroethane	5.0	U	5.0	
78-87-5	1,2-Dichloropropane	5.0	U	5.0	
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	
78-93-3	2-Butanone (MEK)	5.0	U	5.0	
591-78-6	2-Hexanone	5.0	U	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	
67-64-1	Acetone	5.0	U	5.0	
71-43-2	Benzene	5.0	U	5.0	
75-27-4	Bromodichloromethane	5.0	U	5.0	
75-25-2	Bromoform	5.0	U	5.0	
74-83-9	Bromomethane	5.0	U	5.0	
75-15-0	Carbon Disulfide	5.0	U	5.0	
56-23-5	Carbon Tetrachloride	5.0	U	5.0	
108-90-7	Chlorobenzene	5.0	U	5.0	
75-00-3	Chloroethane	5.0	U	5.0	
67-66-3	Chloroform	5.0	U	5.0	
74-87-3	Chloromethane	5.0	U	5.0	
110-82-7	Cyclohexane	5.0	U	5.0	
124-48-1	Dibromochloromethane	5.0	U	5.0	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0	U	5.0	
75-09-2	Dichloromethane	5.0	U	5.0	
100-41-4	Ethylbenzene	5.0	U	5.0	
98-82-8	Isopropylbenzene (Cumene)	5.0	U	5.0	
79-20-9	Methyl Acetate	5.0	U	5.0	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Analyzed:	12/30/13 12:19
Sample Name:	Method Blank	**Units:**	µg/Kg
Lab Code:	RQ1400228-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	374791
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123013\K6869.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	5.0	U	5.0	
108-87-2	Methylcyclohexane	5.0	U	5.0	
100-42-5	Styrene	5.0	U	5.0	
127-18-4	Tetrachloroethene (PCE)	5.0	U	5.0	
108-88-3	Toluene	5.0	U	5.0	
79-01-6	Trichloroethene (TCE)	5.0	U	5.0	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0	U	5.0	
75-01-4	Vinyl Chloride	5.0	U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	
179601-23-1	m,p-Xylenes	10	U	10	
95-47-6	o-Xylene	5.0	U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	51-136	12/30/13 12:19	
Dibromofluoromethane	94	63-138	12/30/13 12:19	
Toluene-d8	90	66-138	12/30/13 12:19	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: NA
Date Received: NA
Date Analyzed: 12/31/13 16:15

Sample Name: Method Blank
Lab Code: RQ1400230-05

Units: µg/Kg
Basis: Dry

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: I:\ACQUDATA\MSVOA7\DATA\123113\K6887.D\

Analysis Lot: 375793
Instrument Name: R-MS-07
Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0	U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0	U	5.0	
106-93-4	1,2-Dibromoethane	5.0	U	5.0	
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	
107-06-2	1,2-Dichloroethane	5.0	U	5.0	
78-87-5	1,2-Dichloropropane	5.0	U	5.0	
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	
78-93-3	2-Butanone (MEK)	5.0	U	5.0	
591-78-6	2-Hexanone	5.0	U	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	
67-64-1	Acetone	5.0	U	5.0	
71-43-2	Benzene	5.0	U	5.0	
75-27-4	Bromodichloromethane	5.0	U	5.0	
75-25-2	Bromoform	5.0	U	5.0	
74-83-9	Bromomethane	5.0	U	5.0	
75-15-0	Carbon Disulfide	5.0	U	5.0	
56-23-5	Carbon Tetrachloride	5.0	U	5.0	
108-90-7	Chlorobenzene	5.0	U	5.0	
75-00-3	Chloroethane	5.0	U	5.0	
67-66-3	Chloroform	5.0	U	5.0	
74-87-3	Chloromethane	5.0	U	5.0	
110-82-7	Cyclohexane	5.0	U	5.0	
124-48-1	Dibromochloromethane	5.0	U	5.0	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0	U	5.0	
75-09-2	Dichloromethane	5.0	U	5.0	
100-41-4	Ethylbenzene	5.0	U	5.0	
98-82-8	Isopropylbenzene (Cumene)	5.0	U	5.0	
79-20-9	Methyl Acetate	5.0	U	5.0	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Analyzed:	12/31/13 16:15
Sample Name:	Method Blank	**Units:**	µg/Kg
Lab Code:	RQ1400230-05	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375793
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\123113\K6887.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	5.0	U	5.0	
108-87-2	Methylcyclohexane	5.0	U	5.0	
100-42-5	Styrene	5.0	U	5.0	
127-18-4	Tetrachloroethene (PCE)	5.0	U	5.0	
108-88-3	Toluene	5.0	U	5.0	
79-01-6	Trichloroethene (TCE)	5.0	U	5.0	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0	U	5.0	
75-01-4	Vinyl Chloride	5.0	U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	
179601-23-1	m,p-Xylenes	10	U	10	
95-47-6	o-Xylene	5.0	U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	51-136	12/31/13 16:15	
Dibromofluoromethane	93	63-138	12/31/13 16:15	
Toluene-d8	89	66-138	12/31/13 16:15	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	1/2/14 13:14
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1400033-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375134
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5149.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0	U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0	U	5.0	
106-93-4	1,2-Dibromoethane	5.0	U	5.0	
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	
107-06-2	1,2-Dichloroethane	5.0	U	5.0	
78-87-5	1,2-Dichloropropane	5.0	U	5.0	
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	
78-93-3	2-Butanone (MEK)	10	U	10	
591-78-6	2-Hexanone	10	U	10	
108-10-1	4-Methyl-2-pentanone	10	U	10	
67-64-1	Acetone	10	U	10	
71-43-2	Benzene	5.0	U	5.0	
75-27-4	Bromodichloromethane	5.0	U	5.0	
75-25-2	Bromoform	5.0	U	5.0	
74-83-9	Bromomethane	5.0	U	5.0	
75-15-0	Carbon Disulfide	10	U	10	
56-23-5	Carbon Tetrachloride	5.0	U	5.0	
108-90-7	Chlorobenzene	5.0	U	5.0	
75-00-3	Chloroethane	5.0	U	5.0	
67-66-3	Chloroform	5.0	U	5.0	
74-87-3	Chloromethane	5.0	U	5.0	
110-82-7	Cyclohexane	10	U	10	
124-48-1	Dibromochloromethane	5.0	U	5.0	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0	U	5.0	
75-09-2	Dichloromethane	5.0	U	5.0	
100-41-4	Ethylbenzene	5.0	U	5.0	
98-82-8	Isopropylbenzene (Cumene)	5.0	U	5.0	
79-20-9	Methyl Acetate	10	U	10	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	1/2/14 13:14
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1400033-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375134
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5149.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	5.0	U	5.0	
108-87-2	Methylcyclohexane	10	U	10	
100-42-5	Styrene	5.0	U	5.0	
127-18-4	Tetrachloroethene (PCE)	5.0	U	5.0	
108-88-3	Toluene	5.0	U	5.0	
79-01-6	Trichloroethene (TCE)	5.0	U	5.0	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0	U	5.0	
75-01-4	Vinyl Chloride	5.0	U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	
179601-23-1	m,p-Xylenes	5.0	U	5.0	
95-47-6	o-Xylene	5.0	U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85-122	1/2/14 13:14	
Dibromofluoromethane	103	89-119	1/2/14 13:14	
Toluene-d8	101	87-121	1/2/14 13:14	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Analyzed:	1/2/14 13:45
Sample Name:	Method Blank	**Units:**	µg/Kg
Lab Code:	RQ1400162-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375135
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5150.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	50

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	50	U	50	
79-34-5	1,1,2,2-Tetrachloroethane	50	U	50	
79-00-5	1,1,2-Trichloroethane	50	U	50	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	50	U	50	
75-34-3	1,1-Dichloroethane (1,1-DCA)	50	U	50	
75-35-4	1,1-Dichloroethene (1,1-DCE)	50	U	50	
120-82-1	1,2,4-Trichlorobenzene	50	U	50	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	100	U	100	
106-93-4	1,2-Dibromoethane	50	U	50	
95-50-1	1,2-Dichlorobenzene	50	U	50	
107-06-2	1,2-Dichloroethane	50	U	50	
78-87-5	1,2-Dichloropropane	50	U	50	
541-73-1	1,3-Dichlorobenzene	50	U	50	
106-46-7	1,4-Dichlorobenzene	50	U	50	
78-93-3	2-Butanone (MEK)	250	U	250	
591-78-6	2-Hexanone	250	U	250	
108-10-1	4-Methyl-2-pentanone	250	U	250	
67-64-1	Acetone	250	U	250	
71-43-2	Benzene	50	U	50	
75-27-4	Bromodichloromethane	50	U	50	
75-25-2	Bromoform	50	U	50	
74-83-9	Bromomethane	**87**		50	
75-15-0	Carbon Disulfide	50	U	50	
56-23-5	Carbon Tetrachloride	50	U	50	
108-90-7	Chlorobenzene	50	U	50	
75-00-3	Chloroethane	50	U	50	
67-66-3	Chloroform	50	U	50	
74-87-3	Chloromethane	50	U	50	
110-82-7	Cyclohexane	50	U	50	
124-48-1	Dibromochloromethane	50	U	50	
75-71-8	Dichlorodifluoromethane (CFC 12)	50	U	50	
75-09-2	Dichloromethane	50	U	50	
100-41-4	Ethylbenzene	50	U	50	
98-82-8	Isopropylbenzene (Cumene)	50	U	50	
79-20-9	Methyl Acetate	100	U	100	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Analyzed:	1/2/14 13:45
Sample Name:	Method Blank	**Units:**	µg/Kg
Lab Code:	RQ1400162-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375135
Data File Name:	I:\ACQUDATA\msvoa10\data\010214\F5150.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	50

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	50	U	50	
108-87-2	Methylcyclohexane	50	U	50	
100-42-5	Styrene	50	U	50	
127-18-4	Tetrachloroethene (PCE)	50	U	50	
108-88-3	Toluene	50	U	50	
79-01-6	Trichloroethene (TCE)	50	U	50	
75-69-4	Trichlorofluoromethane (CFC 11)	50	U	50	
75-01-4	Vinyl Chloride	50	U	50	
156-59-2	cis-1,2-Dichloroethene	50	U	50	
10061-01-5	cis-1,3-Dichloropropene	50	U	50	
179601-23-1	m,p-Xylenes	100	U	100	
95-47-6	o-Xylene	50	U	50	
156-60-5	trans-1,2-Dichloroethene	50	U	50	
10061-02-6	trans-1,3-Dichloropropene	50	U	50	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85-122	1/2/14 13:45	
Dibromofluoromethane	107	89-119	1/2/14 13:45	
Toluene-d8	99	87-121	1/2/14 13:45	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	1/3/14 14:31
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1400106-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375318
Data File Name:	I:\ACQUDATA\msvoa10\data\010314\F5177.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0	U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0	U	5.0	
106-93-4	1,2-Dibromoethane	5.0	U	5.0	
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	
107-06-2	1,2-Dichloroethane	5.0	U	5.0	
78-87-5	1,2-Dichloropropane	5.0	U	5.0	
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	
78-93-3	2-Butanone (MEK)	10	U	10	
591-78-6	2-Hexanone	10	U	10	
108-10-1	4-Methyl-2-pentanone	10	U	10	
67-64-1	Acetone	10	U	10	
71-43-2	Benzene	5.0	U	5.0	
75-27-4	Bromodichloromethane	5.0	U	5.0	
75-25-2	Bromoform	5.0	U	5.0	
74-83-9	Bromomethane	5.0	U	5.0	
75-15-0	Carbon Disulfide	10	U	10	
56-23-5	Carbon Tetrachloride	5.0	U	5.0	
108-90-7	Chlorobenzene	5.0	U	5.0	
75-00-3	Chloroethane	5.0	U	5.0	
67-66-3	Chloroform	5.0	U	5.0	
74-87-3	Chloromethane	5.0	U	5.0	
110-82-7	Cyclohexane	10	U	10	
124-48-1	Dibromochloromethane	5.0	U	5.0	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0	U	5.0	
75-09-2	Dichloromethane	5.0	U	5.0	
100-41-4	Ethylbenzene	5.0	U	5.0	
98-82-8	Isopropylbenzene (Cumene)	5.0	U	5.0	
79-20-9	Methyl Acetate	10	U	10	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	1/3/14 14:31
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1400106-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375318
Data File Name:	I:\ACQUDATA\msvoa10\data\010314\F5177.D\	**Instrument Name:**	R-MS-10
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	5.0	U	5.0	
108-87-2	Methylcyclohexane	10	U	10	
100-42-5	Styrene	5.0	U	5.0	
127-18-4	Tetrachloroethene (PCE)	5.0	U	5.0	
108-88-3	Toluene	5.0	U	5.0	
79-01-6	Trichloroethene (TCE)	5.0	U	5.0	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0	U	5.0	
75-01-4	Vinyl Chloride	5.0	U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	
179601-23-1	m,p-Xylenes	5.0	U	5.0	
95-47-6	o-Xylene	5.0	U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85-122	1/3/14 14:31	
Dibromofluoromethane	102	89-119	1/3/14 14:31	
Toluene-d8	99	87-121	1/3/14 14:31	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Analyzed:	1/7/14 15:11
Sample Name:	Method Blank	**Units:**	µg/Kg
Lab Code:	RQ1400255-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375894
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\010714\K6926.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0	U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0	U	5.0	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0	U	5.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0	U	5.0	
106-93-4	1,2-Dibromoethane	5.0	U	5.0	
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	
107-06-2	1,2-Dichloroethane	5.0	U	5.0	
78-87-5	1,2-Dichloropropane	5.0	U	5.0	
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	
78-93-3	2-Butanone (MEK)	5.0	U	5.0	
591-78-6	2-Hexanone	5.0	U	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	
67-64-1	Acetone	5.0	U	5.0	
71-43-2	Benzene	5.0	U	5.0	
75-27-4	Bromodichloromethane	5.0	U	5.0	
75-25-2	Bromoform	5.0	U	5.0	
74-83-9	Bromomethane	5.0	U	5.0	
75-15-0	Carbon Disulfide	5.0	U	5.0	
56-23-5	Carbon Tetrachloride	5.0	U	5.0	
108-90-7	Chlorobenzene	5.0	U	5.0	
75-00-3	Chloroethane	5.0	U	5.0	
67-66-3	Chloroform	5.0	U	5.0	
74-87-3	Chloromethane	5.0	U	5.0	
110-82-7	Cyclohexane	5.0	U	5.0	
124-48-1	Dibromochloromethane	5.0	U	5.0	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0	U	5.0	
75-09-2	Dichloromethane	5.0	U	5.0	
100-41-4	Ethylbenzene	5.0	U	5.0	
98-82-8	Isopropylbenzene (Cumene)	5.0	U	5.0	
79-20-9	Methyl Acetate	5.0	U	5.0	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Analyzed:	1/7/14 15:11
Sample Name:	Method Blank	**Units:**	µg/Kg
Lab Code:	RQ1400255-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analytical Method:	8260C	**Analysis Lot:**	375894
Data File Name:	I:\ACQUDATA\MSVOA7\DATA\010714\K6926.D\	**Instrument Name:**	R-MS-07
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
1634-04-4	Methyl tert-Butyl Ether	5.0	U	5.0	
108-87-2	Methylcyclohexane	5.0	U	5.0	
100-42-5	Styrene	5.0	U	5.0	
127-18-4	Tetrachloroethene (PCE)	5.0	U	5.0	
108-88-3	Toluene	5.0	U	5.0	
79-01-6	Trichloroethene (TCE)	5.0	U	5.0	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0	U	5.0	
75-01-4	Vinyl Chloride	5.0	U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	
179601-23-1	m,p-Xylenes	10	U	10	
95-47-6	o-Xylene	5.0	U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	51-136	1/7/14 15:11	
Dibromofluoromethane	94	63-138	1/7/14 15:11	
Toluene-d8	92	66-138	1/7/14 15:11	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	12/26/13
		Date Analyzed:	12/30/13 12:08
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1316345-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375212
Prep Method:	EPA 3510C	**Extraction Lot:**	199494
Data File Name:	I:\ACQUDATA\5973D\Data\123013\AS419.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	10	U	10	
606-20-2	2,6-Dinitrotoluene	10	U	10	
91-58-7	2-Chloronaphthalene	10	U	10	
91-57-6	2-Methylnaphthalene	10	U	10	
88-74-4	2-Nitroaniline	50	U	50	
91-94-1	3,3'-Dichlorobenzidine	10	U	10	
99-09-2	3-Nitroaniline	50	U	50	
101-55-3	4-Bromophenyl Phenyl Ether	10	U	10	
106-47-8	4-Chloroaniline	10	U	10	
7005-72-3	4-Chlorophenyl Phenyl Ether	10	U	10	
100-01-6	4-Nitroaniline	50	U	50	
83-32-9	Acenaphthene	10	U	10	
208-96-8	Acenaphthylene	10	U	10	
98-86-2	Acetophenone	10	U	10	
120-12-7	Anthracene	10	U	10	
1912-24-9	Atrazine	10	U	10	
56-55-3	Benz(a)anthracene	10	U	10	
100-52-7	Benzaldehyde	50	U	50	
50-32-8	Benzo(a)pyrene	10	U	10	
205-99-2	Benzo(b)fluoranthene	10	U	10	
191-24-2	Benzo(g,h,i)perylene	10	U	10	
207-08-9	Benzo(k)fluoranthene	10	U	10	
92-52-4	Biphenyl	10	U	10	
108-60-1	2,2'-Oxybis(1-chloropropane)	10	U	10	
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	
111-44-4	Bis(2-chloroethyl) Ether	10	U	10	
117-81-7	Bis(2-ethylhexyl) Phthalate	10	U	10	
85-68-7	Butyl Benzyl Phthalate	10	U	10	
105-60-2	Caprolactam	10	U	10	
86-74-8	Carbazole	10	U	10	
218-01-9	Chrysene	10	U	10	
84-74-2	Di-n-butyl Phthalate	10	U	10	
117-84-0	Di-n-octyl Phthalate	10	U	10	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	12/26/13
		Date Analyzed:	12/30/13 12:08
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1316345-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375212
Prep Method:	EPA 3510C	**Extraction Lot:**	199494
Data File Name:	I:\ACQUDATA\5973D\Data\123013\AS419.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	10	U	10	
132-64-9	Dibenzofuran	10	U	10	
84-66-2	Diethyl Phthalate	10	U	10	
131-11-3	Dimethyl Phthalate	10	U	10	
206-44-0	Fluoranthene	10	U	10	
86-73-7	Fluorene	10	U	10	
118-74-1	Hexachlorobenzene	10	U	10	
87-68-3	Hexachlorobutadiene	10	U	10	
77-47-4	Hexachlorocyclopentadiene	10	U	10	
67-72-1	Hexachloroethane	10	U	10	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	10	
78-59-1	Isophorone	10	U	10	
621-64-7	N-Nitrosodi-n-propylamine	10	U	10	
86-30-6	N-Nitrosodiphenylamine	10	U	10	
91-20-3	Naphthalene	10	U	10	
98-95-3	Nitrobenzene	10	U	10	
85-01-8	Phenanthrene	10	U	10	
129-00-0	Pyrene	10	U	10	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	68	39-119	12/30/13 12:08	
Nitrobenzene-d5	65	37-117	12/30/13 12:08	
Terphenyl-d14	81	40-133	12/30/13 12:08	

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Extracted:	12/30/13
		Date Analyzed:	1/2/14 20:51
Sample Name:	Method Blank	**Units:**	µg/Kg
Lab Code:	RQ1316577-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375400
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010214\AS474.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	330	U	330	
606-20-2	2,6-Dinitrotoluene	330	U	330	
91-58-7	2-Chloronaphthalene	330	U	330	
91-57-6	2-Methylnaphthalene	330	U	330	
88-74-4	2-Nitroaniline	1700	U	1700	
91-94-1	3,3'-Dichlorobenzidine	330	U	330	
99-09-2	3-Nitroaniline	1700	U	1700	
101-55-3	4-Bromophenyl Phenyl Ether	330	U	330	
106-47-8	4-Chloroaniline	330	U	330	
7005-72-3	4-Chlorophenyl Phenyl Ether	330	U	330	
100-01-6	4-Nitroaniline	1700	U	1700	
83-32-9	Acenaphthene	330	U	330	
208-96-8	Acenaphthylene	330	U	330	
98-86-2	Acetophenone	330	U	330	
120-12-7	Anthracene	330	U	330	
1912-24-9	Atrazine	330	U	330	
56-55-3	Benz(a)anthracene	330	U	330	
100-52-7	Benzaldehyde	1700	U	1700	
50-32-8	Benzo(a)pyrene	330	U	330	
205-99-2	Benzo(b)fluoranthene	330	U	330	
191-24-2	Benzo(g,h,i)perylene	330	U	330	
207-08-9	Benzo(k)fluoranthene	330	U	330	
92-52-4	Biphenyl	330	U	330	
108-60-1	2,2'-Oxybis(1-chloropropane)	330	U	330	
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	
111-44-4	Bis(2-chloroethyl) Ether	330	U	330	
117-81-7	Bis(2-ethylhexyl) Phthalate	330	U	330	
85-68-7	Butyl Benzyl Phthalate	330	U	330	
105-60-2	Caprolactam	330	U	330	
86-74-8	Carbazole	330	U	330	
218-01-9	Chrysene	330	U	330	
84-74-2	Di-n-butyl Phthalate	330	U	330	
117-84-0	Di-n-octyl Phthalate	330	U	330	

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Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Extracted:	12/30/13
		Date Analyzed:	1/2/14 20:51
Sample Name:	Method Blank	**Units:**	µg/Kg
Lab Code:	RQ1316577-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375400
Prep Method:	EPA 3541	**Extraction Lot:**	199557
Data File Name:	I:\ACQUDATA\5973D\Data\010214\AS474.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	330	U	330	
132-64-9	Dibenzofuran	330	U	330	
84-66-2	Diethyl Phthalate	330	U	330	
131-11-3	Dimethyl Phthalate	330	U	330	
206-44-0	Fluoranthene	330	U	330	
86-73-7	Fluorene	330	U	330	
118-74-1	Hexachlorobenzene	330	U	330	
87-68-3	Hexachlorobutadiene	330	U	330	
77-47-4	Hexachlorocyclopentadiene	330	U	330	
67-72-1	Hexachloroethane	330	U	330	
193-39-5	Indeno(1,2,3-cd)pyrene	330	U	330	
78-59-1	Isophorone	330	U	330	
621-64-7	N-Nitrosodi-n-propylamine	330	U	330	
86-30-6	N-Nitrosodiphenylamine	330	U	330	
91-20-3	Naphthalene	330	U	330	
98-95-3	Nitrobenzene	330	U	330	
85-01-8	Phenanthrene	330	U	330	
129-00-0	Pyrene	330	U	330	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	67	47-126	1/2/14 20:51	
Nitrobenzene-d5	65	39-136	1/2/14 20:51	
Terphenyl-d14	83	35-152	1/2/14 20:51	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Extracted:	1/6/14
		Date Analyzed:	1/7/14 13:41
Sample Name:	Method Blank	**Units:**	µg/Kg
Lab Code:	RQ1400142-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375770
Prep Method:	EPA 3541	**Extraction Lot:**	200097
Data File Name:	I:\ACQUDATA\5973A\DATA\010714\CU864.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
121-14-2	2,4-Dinitrotoluene	330	U	330	
606-20-2	2,6-Dinitrotoluene	330	U	330	
91-58-7	2-Chloronaphthalene	330	U	330	
91-57-6	2-Methylnaphthalene	330	U	330	
88-74-4	2-Nitroaniline	1700	U	1700	
91-94-1	3,3'-Dichlorobenzidine	330	U	330	
99-09-2	3-Nitroaniline	1700	U	1700	
101-55-3	4-Bromophenyl Phenyl Ether	330	U	330	
106-47-8	4-Chloroaniline	330	U	330	
7005-72-3	4-Chlorophenyl Phenyl Ether	330	U	330	
100-01-6	4-Nitroaniline	1700	U	1700	
83-32-9	Acenaphthene	330	U	330	
208-96-8	Acenaphthylene	330	U	330	
98-86-2	Acetophenone	330	U	330	
120-12-7	Anthracene	330	U	330	
1912-24-9	Atrazine	330	U	330	
56-55-3	Benz(a)anthracene	330	U	330	
100-52-7	Benzaldehyde	1700	U	1700	
50-32-8	Benzo(a)pyrene	330	U	330	
205-99-2	Benzo(b)fluoranthene	330	U	330	
191-24-2	Benzo(g,h,i)perylene	330	U	330	
207-08-9	Benzo(k)fluoranthene	330	U	330	
92-52-4	Biphenyl	330	U	330	
108-60-1	2,2'-Oxybis(1-chloropropane)	330	U	330	
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	
111-44-4	Bis(2-chloroethyl) Ether	330	U	330	
117-81-7	Bis(2-ethylhexyl) Phthalate	330	U	330	
85-68-7	Butyl Benzyl Phthalate	330	U	330	
105-60-2	Caprolactam	330	U	330	
86-74-8	Carbazole	330	U	330	
218-01-9	Chrysene	330	U	330	
84-74-2	Di-n-butyl Phthalate	330	U	330	
117-84-0	Di-n-octyl Phthalate	330	U	330	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Extracted:	1/6/14
		Date Analyzed:	1/7/14 13:41
Sample Name:	Method Blank	**Units:**	µg/Kg
Lab Code:	RQ1400142-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analytical Method:	8270D	**Analysis Lot:**	375770
Prep Method:	EPA 3541	**Extraction Lot:**	200097
Data File Name:	I:\ACQUDATA\5973A\DATA\010714\CU864.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
53-70-3	Dibenz(a,h)anthracene	330	U	330	
132-64-9	Dibenzofuran	330	U	330	
84-66-2	Diethyl Phthalate	330	U	330	
131-11-3	Dimethyl Phthalate	330	U	330	
206-44-0	Fluoranthene	330	U	330	
86-73-7	Fluorene	330	U	330	
118-74-1	Hexachlorobenzene	330	U	330	
87-68-3	Hexachlorobutadiene	330	U	330	
77-47-4	Hexachlorocyclopentadiene	330	U	330	
67-72-1	Hexachloroethane	330	U	330	
193-39-5	Indeno(1,2,3-cd)pyrene	330	U	330	
78-59-1	Isophorone	330	U	330	
621-64-7	N-Nitrosodi-n-propylamine	330	U	330	
86-30-6	N-Nitrosodiphenylamine	330	U	330	
91-20-3	Naphthalene	330	U	330	
98-95-3	Nitrobenzene	330	U	330	
85-01-8	Phenanthrene	330	U	330	
129-00-0	Pyrene	330	U	330	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	66	47-126	1/7/14 13:41	
Nitrobenzene-d5	63	39-136	1/7/14 13:41	
Terphenyl-d14	65	35-152	1/7/14 13:41	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:	Barton & Loguidice, PC	**Service Request:**	R1309648
Project:	267 Marilla Street/1206.015.001	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Extracted:	12/31/13
		Date Analyzed:	1/6/14 09:34
Sample Name:	Method Blank	**Units:**	µg/Kg
Lab Code:	RQ1316627-01	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analytical Method:	8082A	**Analysis Lot:**	375546
Prep Method:	EPA 3541	**Extraction Lot:**	199779
Data File Name:	I:\ACQUDATA\GCEXT4\DATA\010614\NN795.D\	**Instrument Name:**	R-GC-56
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
12674-11-2	Aroclor 1016	33	U	33	
11104-28-2	Aroclor 1221	67	U	67	
11141-16-5	Aroclor 1232	33	U	33	
53469-21-9	Aroclor 1242	33	U	33	
12672-29-6	Aroclor 1248	33	U	33	
11097-69-1	Aroclor 1254	33	U	33	
11096-82-5	Aroclor 1260	33	U	33	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	70	22-150	1/6/14 09:34	
Tetrachloro-m-xylene	69	10-126	1/6/14 09:34	

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: 12/19/13
Date Received: 12/20/13
Date Analyzed: 1/ 2/14

Replicate Sample Summary
General Chemistry Parameters

Sample Name: B-7 1-4
Lab Code: R1309648-009

Units: Percent
Basis: As Received

Analyte Name	Method	MRL	Sample Result	B-7 1-4DUP Duplicate Sample R1309648-009DUP Result	Average	RPD	RPD Limit
Solids, Total	160.3 Modified	1.0	82.4	83.6	83.0	1	20

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ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: 12/19/13
Date Received: 12/20/13
Date Analyzed: 1/ 3/14

Replicate Sample Summary
Inorganic Parameters

Sample Name: B-6 5-7
Lab Code: R1309648-008

Units: mg/Kg
Basis: Dry

Analyte Name	Method	MRL	Sample Result	B-6 5-7DUP Duplicate Sample R1309648-008DUP Result	Average	RPD	RPD Limit
Arsenic, Total	6010C	1.2	7.3	6.5	6.93	11	20
Barium, Total	6010C	2.4	90.3	102	96.3	13	20
Cadmium, Total	6010C	0.60	0.60 U	0.60 U	NC	NC	20
Chromium, Total	6010C	1.2	19.7	23.9	21.8	20	20
Lead, Total	6010C	6.0	10.8	12.3	11.5	13	20
Selenium, Total	6010C	1.2	1.2 U	1.2 U	NC	NC	20
Silver, Total	6010C	1.2	1.2 U	1.2 U	NC	NC	20

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ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: 12/19/13
Date Received: 12/20/13
Date Analyzed: 1/3/14

Matrix Spike Summary
Inorganic Parameters

Sample Name: B-6 5-7
Lab Code: R1309648-008

Units: mg/Kg
Basis: Dry

Analytical Method: 6010C
Prep Method: EPA 3050B

B-6 5-7MS
Matrix Spike
R1309648-008MS

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic, Total	7.3	10.9	4.8	75	75 - 125
Barium, Total	90.3	321	239	96	75 - 125
Cadmium, Total	ND	5.49	5.98	92	75 - 125
Chromium, Total	19.7	42.3	23.9	94	75 - 125
Lead, Total	10.8	66.8	59.8	94	75 - 125
Selenium, Total	ND	108	121	89	75 - 125
Silver, Total	ND	4.7	6.0	78	75 - 125

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ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: 12/19/13
Date Received: 12/20/13
Date Analyzed: 1/ 7/14

Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name: B-7 1-4
Lab Code: R1309648-009

Units: µg/Kg
Basis: Dry

Analytical Method: 8260C

Analyte Name	Sample Result	B-7 1-4MS Matrix Spike RQ1400255-05 Result	Spike Amount	% Rec		B-7 1-4DMS Duplicate Matrix Spike RQ1400255-06 Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane (TCA)	ND	235	243	97		218	243	90	37 - 142	7	30
1,1,2,2-Tetrachloroethane	ND	269	243	111		253	243	104	16 - 168	6	30
1,1,2-Trichloroethane	ND	231	243	95		218	243	90	35 - 144	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	317	243	130		295	243	122	31 - 139	7	30
1,1-Dichloroethane (1,1-DCA)	ND	219	243	90		215	243	89	43 - 144	2	30
1,1-Dichloroethene (1,1-DCE)	ND	275	243	113		257	243	106	47 - 155	7	30
1,2,4-Trichlorobenzene	ND	160	243	66		137	243	56	10 - 164	16	30
1,2-Dibromo-3-chloropropane (DBC	ND	254	243	105		226	243	93	25 - 140	12	30
1,2-Dibromoethane	ND	231	243	95		217	243	90	25 - 142	6	30
1,2-Dichlorobenzene	ND	248	243	102		227	243	93	10 - 151	9	30
1,2-Dichloroethane	ND	215	243	89		210	243	86	37 - 142	3	30
1,2-Dichloropropane	ND	225	243	93		216	243	89	40 - 142	4	30
1,3-Dichlorobenzene	ND	237	243	98		221	243	91	10 - 157	7	30
1,4-Dichlorobenzene	ND	242	243	100		220	243	91	10 - 159	9	30
2-Butanone (MEK)	120	282	243	68		290	243	71	29 - 166	3	30
2-Hexanone	ND	211	243	87		205	243	85	14 - 156	3	30
4-Methyl-2-pentanone	ND	240	243	99		236	243	97	33 - 144	2	30
Acetone	620	618	243	1	*	704	243	37	21 - 197	13	30
Benzene	ND	238	243	98		225	243	93	33 - 144	6	30
Bromodichloromethane	ND	227	243	93		213	243	88	35 - 144	6	30
Bromoform	ND	236	243	97		217	243	89	16 - 157	8	30
Bromomethane	ND	175	243	72		173	243	71	10 - 166	2	30
Carbon Disulfide	29	259	243	95		249	243	91	10 - 173	4	30
Carbon Tetrachloride	ND	231	243	95		220	243	91	27 - 154	5	30
Chlorobenzene	ND	241	243	99		226	243	93	17 - 151	7	30
Chloroethane	ND	174	243	72		162	243	67	10 - 166	7	30
Chloroform	ND	235	243	97		225	243	93	43 - 145	5	30
Chloromethane	ND	202	243	83		195	243	80	11 - 162	3	30

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ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: 12/19/13
Date Received: 12/20/13
Date Analyzed: 1/7/14

Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name: B-7 1-4
Lab Code: R1309648-009

Units: µg/Kg
Basis: Dry

Analytical Method: 8260C

Analyte Name	Sample Result	B-7 1-4MS Matrix Spike RQ1400255-05 Result	Spike Amount	% Rec	B-7 1-4DMS Duplicate Matrix Spike RQ1400255-06 Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Cyclohexane	ND	202	243	83	188	243	77	18 - 156	7	30
Dibromochloromethane	ND	235	243	97	219	243	90	23 - 154	7	30
Dichlorodifluoromethane (CFC 12)	ND	219	243	90	205	243	84	10 - 153	6	30
Dichloromethane	ND	235	243	97	226	243	93	42 - 135	4	30
Ethylbenzene	ND	256	243	106	244	243	101	13 - 159	5	30
Isopropylbenzene (Cumene)	ND	238	243	98	227	243	93	13 - 177	5	30
Methyl Acetate	ND	188	243	78	193	243	79	18 - 175	2	30
Methyl tert-Butyl Ether	ND	277	243	114	278	243	114	48 - 131	<1	30
Methylcyclohexane	ND	170	243	70	165	243	68	10 - 163	3	30
Styrene	ND	231	243	95	212	243	87	10 - 154	9	30
Tetrachloroethene (PCE)	ND	258	243	106	243	243	100	19 - 159	6	30
Toluene	ND	250	243	103	240	243	99	22 - 148	4	30
Trichloroethene (TCE)	ND	238	243	98	229	243	94	11 - 167	4	30
Trichlorofluoromethane (CFC 11)	ND	181	243	75	173	243	71	30 - 156	5	30
Vinyl Chloride	ND	207	243	85	194	243	80	17 - 170	6	30
cis-1,2-Dichloroethene	ND	232	243	96	222	243	91	33 - 152	5	30
cis-1,3-Dichloropropene	ND	208	243	86	192	243	79	19 - 138	8	30
m,p-Xylenes	ND	485	485	100	459	485	95	10 - 160	5	30
o-Xylene	ND	247	243	102	240	243	99	10 - 160	3	30
trans-1,2-Dichloroethene	ND	227	243	93	210	243	86	27 - 145	8	30
trans-1,3-Dichloropropene	ND	206	243	85	186	243	77	10 - 141	10	30

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ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: 12/19/13
Date Received: 12/20/13
Date Analyzed: 1/ 2/14 - 1/ 3/14

Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name: B-2 5-7
Lab Code: R1309648-001

Units: µg/Kg
Basis: Dry

Analytical Method: 8270D
Prep Method: EPA 3541

Analyte Name	Sample Result	B-2 5-7MS Matrix Spike RQ1316577-04 Result	Spike Amount	% Rec		B-2 5-7DMS Duplicate Matrix Spike RQ1316577-05 Result	Spike Amount	% Rec		% Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	ND	1920	4080	47		2130	4080	52		43 - 133	11	30
2,6-Dinitrotoluene	ND	2030	4080	50		2080	4080	51		44 - 134	3	30
2-Chloronaphthalene	ND	1530	4080	37	*	1410	4080	34	*	40 - 117	8	30
2-Methylnaphthalene	ND	1440	4080	35		1370	4080	33	*	35 - 122	5	30
2-Nitroaniline	ND	1750	4080	43		1630	4080	40	*	41 - 134	7	30
3,3'-Dichlorobenzidine	ND	1380	4080	34		1260	4080	31		10 - 118	8	30
3-Nitroaniline	ND	1450	4080	35	*	1580	4080	39		39 - 104	9	30
4-Bromophenyl Phenyl Ether	ND	1440	4080	35	*	1290	4080	32	*	41 - 126	11	30
4-Chloroaniline	ND	1370	4080	34		1740	4080	43		22 - 89	23	30
4-Chlorophenyl Phenyl Ether	ND	1410	4080	35		1370	4080	34		32 - 135	3	30
4-Nitroaniline	ND	1540	4080	38		1790	4080	44		10 - 137	15	30
Acenaphthene	ND	1490	4080	36	*	1440	4080	35	*	40 - 124	3	30
Acenaphthylene	ND	1540	4080	38		1530	4080	37	*	38 - 128	<1	30
Acetophenone	ND	1590	4080	39	*	1860	4080	46	*	50 - 106	16	30
Anthracene	ND	1480	4080	36		1450	4080	35		26 - 136	2	30
Atrazine	ND	2250	4080	55		2380	4080	58		47 - 148	6	30
Benz(a)anthracene	ND	1460	4080	36		1410	4080	35		16 - 142	3	30
Benzaldehyde	ND	3140	4080	77		3500	4080	86		65 - 200	11	30
Benzo(a)pyrene	ND	1400	4080	34		1330	4080	33		16 - 136	5	30
Benzo(b)fluoranthene	ND	1370	4080	33		1380	4080	34		14 - 143	1	30
Benzo(g,h,i)perylene	ND	1660	4080	41		1480	4080	36		11 - 152	11	30
Benzo(k)fluoranthene	ND	1300	4080	32		1280	4080	31		25 - 137	1	30
Biphenyl	ND	1580	4080	39	*	1470	4080	36	*	51 - 109	7	30
2,2'-Oxybis(1-chloropropane)	ND	1650	4080	40		1650	4080	40		21 - 142	<1	30
Bis(2-chloroethoxy)methane	ND	1550	4080	38		1750	4080	43		38 - 121	12	30
Bis(2-chloroethyl) Ether	ND	1520	4080	37		2030	4080	50		18 - 130	29	30
Bis(2-ethylhexyl) Phthalate	ND	1560	4080	38		1350	4080	33		13 - 164	15	30
Butyl Benzyl Phthalate	ND	1520	4080	37		1470	4080	36		33 - 126	4	30

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ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: 12/19/13
Date Received: 12/20/13
Date Analyzed: 1/2/14 - 1/3/14

Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name: B-2 5-7
Lab Code: R1309648-001

Units: µg/Kg
Basis: Dry

Analytical Method: 8270D
Prep Method: EPA 3541

		B-2 5-7MS Matrix Spike RQ1316577-04				B-2 5-7DMS Duplicate Matrix Spike RQ1316577-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**		**Result**	**Spike Amount**	**% Rec**		**% Rec Limits**	**RPD**	**RPD Limit**
Caprolactam	ND	1410	4080	35	*	1710	4080	42	*	50 - 100	19	30
Carbazole	ND	1530	4080	37		1590	4080	39		15 - 152	4	30
Chrysene	ND	1450	4080	36		1420	4080	35		10 - 158	2	30
Di-n-butyl Phthalate	ND	1550	4080	38		1530	4080	37		14 - 174	2	30
Di-n-octyl Phthalate	ND	1490	4080	37		1460	4080	36		27 - 127	2	30
Dibenz(a,h)anthracene	ND	1540	4080	38		1400	4080	34		34 - 139	9	30
Dibenzofuran	ND	1410	4080	34		1420	4080	35		29 - 134	<1	30
Diethyl Phthalate	ND	1320	4080	32	*	1450	4080	36	*	42 - 130	9	30
Dimethyl Phthalate	ND	1550	4080	38		1500	4080	37		28 - 149	3	30
Fluoranthene	ND	1580	4080	39		1630	4080	40		15 - 162	3	30
Fluorene	ND	1400	4080	34	*	1450	4080	35	*	38 - 127	3	30
Hexachlorobenzene	ND	1390	4080	34		1100	4080	27	*	34 - 129	23	30
Hexachlorobutadiene	ND	1330	4080	33		1100	4080	27		27 - 121	19	30
Hexachlorocyclopentadiene	ND	909	4080	22		843	4080	21		10 - 101	8	30
Hexachloroethane	ND	1230	4080	30		992	4080	24		16 - 114	21	30
Indeno(1,2,3-cd)pyrene	ND	1570	4080	38		1360	4080	33		17 - 141	14	30
Isophorone	ND	1580	4080	39	*	1730	4080	42		40 - 114	9	30
N-Nitrosodi-n-propylamine	ND	1530	4080	37	*	1790	4080	44		39 - 117	16	30
N-Nitrosodiphenylamine	ND	1480	4080	36		1450	4080	35		35 - 145	2	30
Naphthalene	ND	1440	4080	35		1410	4080	35		28 - 124	2	30
Nitrobenzene	ND	1670	4080	41		1810	4080	44		38 - 119	8	30
Phenanthrene	ND	1500	4080	37		1480	4080	36		30 - 142	1	30
Pyrene	ND	1750	4080	43		1720	4080	42		21 - 133	2	30

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ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Collected: 12/19/13
Date Received: 12/20/13
Date Analyzed: 1/ 6/14

Matrix Spike Summary
Polychlorinated Biphenyls (PCBs) by GC

Sample Name: B-4 5-7
Lab Code: R1309648-004

Units: µg/Kg
Basis: Dry

Analytical Method: 8082A
Prep Method: EPA 3541

		B-4 5-7MS Matrix Spike RQ1316627-04			B-4 5-7DMS Duplicate Matrix Spike RQ1316627-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1260	ND	151	198	76	132	198	67	58 - 129	13	30

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ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Analyzed: 1/3/14

Lab Control Sample Summary
Inorganic Parameters

Units: mg/Kg
Basis: Dry

Analyte Name	Method	Lab Control Sample R1309648-LCS1 Result	Spike Amount	% Rec	% Rec Limits
Arsenic, Total	6010C	84.1	94.5	89	82.3 - 117
Barium, Total	6010C	157	167	94	83.8 - 115
Cadmium, Total	6010C	56.0	60.5	93	83.1 - 116
Chromium, Total	6010C	66.3	70.4	94	81.8 - 118
Lead, Total	6010C	87.3	91.8	95	82.2 - 117
Mercury, Total	7471B	3.81	3.73	102	71.6 - 128
Selenium, Total	6010C	78.5	86.4	91	80.1 - 120
Silver, Total	6010C	30.7	34.4	89	66.3 - 134

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Water

Service Request: R1309648
Date Analyzed: 12/31/13 - 1/ 3/14

Lab Control Sample Summary
Inorganic Parameters

Units: µg/L
Basis: NA

Analyte Name	Method	Lab Control Sample R1309648-LCS2 Result	Spike Amount	% Rec	% Rec Limits
Arsenic, Dissolved	6010C	37.8	40	94	80 - 120
Barium, Dissolved	6010C	2010	2000	100	80 - 120
Cadmium, Dissolved	6010C	50.3	50.0	101	80 - 120
Chromium, Dissolved	6010C	213	200	107	80 - 120
Lead, Dissolved	6010C	505	500	101	80 - 120
Mercury, Dissolved	7470A	0.990	1.00	99	80 - 120
Selenium, Dissolved	6010C	930	1010	92	80 - 120
Silver, Dissolved	6010C	51.4	50	103	80 - 120

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Analyzed: 12/30/13

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/Kg
Basis: Dry

Analysis Lot: 374791

Lab Control Sample
RQ1400228-03

Analyte Name	Result	Spike Amount	% Rec		% Rec Limits
1,1,1-Trichloroethane (TCA)	23.8	20.0	119		65 - 127
1,1,2,2-Tetrachloroethane	19.9	20.0	100		71 - 134
1,1,2-Trichloroethane	19.5	20.0	98		76 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	33.2	20.0	166	*	59 - 127
1,1-Dichloroethane (1,1-DCA)	21.8	20.0	109		75 - 126
1,1-Dichloroethene (1,1-DCE)	28.4	20.0	142	*	69 - 135
1,2,4-Trichlorobenzene	23.1	20.0	116		68 - 136
1,2-Dibromo-3-chloropropane (DBCP)	22.0	20.0	110		56 - 138
1,2-Dibromoethane	19.7	20.0	98		73 - 125
1,2-Dichlorobenzene	20.9	20.0	104		77 - 125
1,2-Dichloroethane	20.1	20.0	100		69 - 121
1,2-Dichloropropane	21.7	20.0	109		79 - 124
1,3-Dichlorobenzene	21.5	20.0	108		74 - 130
1,4-Dichlorobenzene	21.3	20.0	107		75 - 129
2-Butanone (MEK)	18.8	20.0	94		63 - 135
2-Hexanone	17.8	20.0	89		59 - 144
4-Methyl-2-pentanone	17.7	20.0	89		65 - 138
Acetone	21.5	20.0	108		50 - 151
Benzene	22.3	20.0	111		75 - 124
Bromodichloromethane	21.3	20.0	107		77 - 127
Bromoform	20.7	20.0	103		61 - 144
Bromomethane	17.1	20.0	85		52 - 140
Carbon Disulfide	23.5	20.0	118		66 - 135
Carbon Tetrachloride	22.8	20.0	114		58 - 125
Chlorobenzene	21.0	20.0	105		77 - 124
Chloroethane	18.4	20.0	92		56 - 138
Chloroform	22.7	20.0	114		75 - 126
Chloromethane	21.3	20.0	106		52 - 145
Cyclohexane	22.5	20.0	113		54 - 135
Dibromochloromethane	19.5	20.0	97		69 - 133
Dichlorodifluoromethane (CFC 12)	24.6	20.0	123		46 - 146
Dichloromethane	23.5	20.0	118		75 - 122
Ethylbenzene	21.9	20.0	110		70 - 130

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Analyzed: 12/30/13

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/Kg
Basis: Dry

Analysis Lot: 374791

Analyte Name	Lab Control Sample RQ1400228-03 Result	Spike Amount	% Rec		% Rec Limits
Isopropylbenzene (Cumene)	22.8	20.0	114		72 - 145
Methyl Acetate	18.7	20.0	93		61 - 144
Methyl tert-Butyl Ether	25.8	20.0	129	*	69 - 124
Methylcyclohexane	22.7	20.0	113		57 - 131
Styrene	21.5	20.0	108		71 - 127
Tetrachloroethene (PCE)	23.9	20.0	119		67 - 133
Toluene	20.6	20.0	103		72 - 127
Trichloroethene (TCE)	22.8	20.0	114		72 - 128
Trichlorofluoromethane (CFC 11)	19.6	20.0	98		62 - 138
Vinyl Chloride	22.4	20.0	112		58 - 152
cis-1,2-Dichloroethene	23.8	20.0	119		75 - 127
cis-1,3-Dichloropropene	20.5	20.0	102		73 - 120
m,p-Xylenes	43.4	40.0	109		70 - 131
o-Xylene	22.1	20.0	111		71 - 127
trans-1,2-Dichloroethene	23.8	20.0	119		69 - 125
trans-1,3-Dichloropropene	17.9	20.0	90		68 - 120

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Analyzed: 12/31/13

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/Kg
Basis: Dry

Analysis Lot: 375793

Analyte Name	Lab Control Sample RQ1400230-03 Result	Spike Amount	% Rec		Duplicate Lab Control Sample RQ1400230-04 Result	Spike Amount	% Rec		% Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane (TCA)	23.1	20.0	115		21.9	20.0	109		65 - 127	5	30
1,1,2,2-Tetrachloroethane	19.6	20.0	98		18.7	20.0	94		71 - 134	5	30
1,1,2-Trichloroethane	19.3	20.0	97		20.0	20.0	100		76 - 123	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	31.8	20.0	159	*	30.9	20.0	154	*	59 - 127	3	30
1,1-Dichloroethane (1,1-DCA)	21.6	20.0	108		21.5	20.0	107		75 - 126	<1	30
1,1-Dichloroethene (1,1-DCE)	28.9	20.0	145	*	28.2	20.0	141	*	69 - 135	2	30
1,2,4-Trichlorobenzene	24.2	20.0	121		22.3	20.0	111		68 - 136	8	30
1,2-Dibromo-3-chloropropane (DBCP)	19.2	20.0	96		18.5	20.0	93		56 - 138	4	30
1,2-Dibromoethane	21.2	20.0	106		19.8	20.0	99		73 - 125	7	30
1,2-Dichlorobenzene	21.4	20.0	107		20.5	20.0	102		77 - 125	4	30
1,2-Dichloroethane	19.6	20.0	98		19.8	20.0	99		69 - 121	<1	30
1,2-Dichloropropane	21.1	20.0	106		21.6	20.0	108		79 - 124	2	30
1,3-Dichlorobenzene	22.3	20.0	111		21.2	20.0	106		74 - 130	5	30
1,4-Dichlorobenzene	21.4	20.0	107		21.7	20.0	108		75 - 129	1	30
2-Butanone (MEK)	17.7	20.0	88		15.8	20.0	79		63 - 135	11	30
2-Hexanone	17.4	20.0	87		15.9	20.0	80		59 - 144	9	30
4-Methyl-2-pentanone	18.3	20.0	92		17.1	20.0	85		65 - 138	7	30
Acetone	20.5	20.0	102		18.7	20.0	94		50 - 151	9	30
Benzene	22.7	20.0	113		22.9	20.0	115		75 - 124	1	30
Bromodichloromethane	20.6	20.0	103		21.1	20.0	106		77 - 127	2	30
Bromoform	21.5	20.0	108		21.0	20.0	105		61 - 144	2	30
Bromomethane	19.2	20.0	96		21.0	20.0	105		52 - 140	9	30
Carbon Disulfide	27.7	20.0	138	*	28.1	20.0	140	*	66 - 135	1	30
Carbon Tetrachloride	24.2	20.0	121		22.8	20.0	114		58 - 125	6	30
Chlorobenzene	21.7	20.0	108		20.8	20.0	104		77 - 124	4	30
Chloroethane	16.8	20.0	84		18.1	20.0	90		56 - 138	8	30
Chloroform	22.3	20.0	112		21.8	20.0	109		75 - 126	2	30
Chloromethane	19.7	20.0	99		18.7	20.0	94		52 - 145	5	30
Cyclohexane	22.0	20.0	110		21.7	20.0	108		54 - 135	1	30
Dibromochloromethane	20.2	20.0	101		19.9	20.0	99		69 - 133	2	30
Dichlorodifluoromethane (CFC 12)	22.2	20.0	111		21.4	20.0	107		46 - 146	4	30
Dichloromethane	22.3	20.0	112		22.4	20.0	112		75 - 122	<1	30
Ethylbenzene	22.8	20.0	114		21.8	20.0	109		70 - 130	5	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Analyzed: 12/31/13

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/Kg
Basis: Dry

Analysis Lot: 375793

Analyte Name	Lab Control Sample RQ1400230-03 Result	Spike Amount	% Rec	Duplicate Lab Control Sample RQ1400230-04 Result	Spike Amount	% Rec		% Rec Limits	RPD	RPD Limit
Isopropylbenzene (Cumene)	23.8	20.0	119	22.9	20.0	114		72 - 145	4	30
Methyl Acetate	17.5	20.0	87	17.3	20.0	86		61 - 144	<1	30
Methyl tert-Butyl Ether	24.8	20.0	124	25.0	20.0	125	*	69 - 124	<1	30
Methylcyclohexane	21.7	20.0	108	20.8	20.0	104		57 - 131	4	30
Styrene	21.3	20.0	107	20.7	20.0	104		71 - 127	3	30
Tetrachloroethene (PCE)	25.6	20.0	128	24.8	20.0	124		67 - 133	3	30
Toluene	21.4	20.0	107	21.1	20.0	106		72 - 127	2	30
Trichloroethene (TCE)	24.3	20.0	122	23.8	20.0	119		72 - 128	2	30
Trichlorofluoromethane (CFC 11)	18.7	20.0	93	18.6	20.0	93		62 - 138	<1	30
Vinyl Chloride	22.3	20.0	111	20.1	20.0	100		58 - 152	10	30
cis-1,2-Dichloroethene	23.2	20.0	116	23.0	20.0	115		75 - 127	<1	30
cis-1,3-Dichloropropene	20.9	20.0	104	19.4	20.0	97		73 - 120	7	30
m,p-Xylenes	45.0	40.0	112	42.9	40.0	107		70 - 131	5	30
o-Xylene	23.3	20.0	117	21.6	20.0	108		71 - 127	8	30
trans-1,2-Dichloroethene	24.3	20.0	121	24.5	20.0	122		69 - 125	<1	30
trans-1,3-Dichloropropene	18.2	20.0	91	17.8	20.0	89		68 - 120	2	30

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Water

Service Request: R1309648
Date Analyzed: 1/2/14

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/L
Basis: NA

Analysis Lot: 375134

Analyte Name	Lab Control Sample RQ1400033-03 Result	Spike Amount	% Rec		% Rec Limits
1,1,1-Trichloroethane (TCA)	23.9	20.0	120		67 - 121
1,1,2,2-Tetrachloroethane	19.5	20.0	97		72 - 124
1,1,2-Trichloroethane	20.5	20.0	102		81 - 117
1,1,2-Trichloro-1,2,2-trifluoroethane	27.8	20.0	139	*	60 - 123
1,1-Dichloroethane (1,1-DCA)	22.7	20.0	113		76 - 128
1,1-Dichloroethene (1,1-DCE)	26.2	20.0	131		74 - 135
1,2,4-Trichlorobenzene	20.3	20.0	102		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	18.4	20.0	92		64 - 131
1,2-Dibromoethane	19.6	20.0	98		81 - 118
1,2-Dichlorobenzene	20.9	20.0	104		80 - 119
1,2-Dichloroethane	22.8	20.0	114		72 - 130
1,2-Dichloropropane	22.8	20.0	114		80 - 119
1,3-Dichlorobenzene	21.1	20.0	106		79 - 121
1,4-Dichlorobenzene	20.9	20.0	104		79 - 119
2-Butanone (MEK)	24.7	20.0	123		60 - 133
2-Hexanone	20.5	20.0	102		61 - 131
4-Methyl-2-pentanone	24.3	20.0	121		61 - 132
Acetone	24.3	20.0	121		61 - 138
Benzene	23.0	20.0	115		76 - 118
Bromodichloromethane	24.2	20.0	121		79 - 123
Bromoform	20.0	20.0	100		72 - 128
Bromomethane	28.6	20.0	143		46 - 157
Carbon Disulfide	24.6	20.0	123		61 - 144
Carbon Tetrachloride	25.8	20.0	129		64 - 129
Chlorobenzene	21.1	20.0	106		80 - 121
Chloroethane	17.7	20.0	89		69 - 128
Chloroform	23.7	20.0	118		75 - 123
Chloromethane	21.9	20.0	110		55 - 139
Cyclohexane	20.2	20.0	101		55 - 132
Dibromochloromethane	22.2	20.0	111		78 - 127
Dichlorodifluoromethane (CFC 12)	21.8	20.0	109		45 - 147
Dichloromethane	22.0	20.0	110		73 - 122
Ethylbenzene	21.6	20.0	108		75 - 123

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Water

Service Request: R1309648
Date Analyzed: 1/2/14

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/L
Basis: NA

Analysis Lot: 375134

Analyte Name	Lab Control Sample RQ1400033-03 Result	Spike Amount	% Rec		% Rec Limits
Isopropylbenzene (Cumene)	22.1	20.0	111		75 - 139
Methyl Acetate	19.6	20.0	98		65 - 131
Methyl tert-Butyl Ether	25.7	20.0	129	*	75 - 116
Methylcyclohexane	19.3	20.0	96		59 - 127
Styrene	21.0	20.0	105		80 - 121
Tetrachloroethene (PCE)	20.8	20.0	104		71 - 127
Toluene	22.6	20.0	113		77 - 120
Trichloroethene (TCE)	23.2	20.0	116		75 - 122
Trichlorofluoromethane (CFC 11)	18.8	20.0	94		64 - 134
Vinyl Chloride	18.5	20.0	92		68 - 139
cis-1,2-Dichloroethene	23.7	20.0	119		77 - 123
cis-1,3-Dichloropropene	21.8	20.0	109		77 - 125
m,p-Xylenes	44.4	40.0	111		77 - 124
o-Xylene	20.6	20.0	103		77 - 131
trans-1,2-Dichloroethene	23.5	20.0	117		72 - 120
trans-1,3-Dichloropropene	22.1	20.0	111		69 - 127

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Analyzed: 1/2/14

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/Kg
Basis: Dry

Analysis Lot: 375135

Analyte Name	Lab Control Sample RQ1400162-03 Result	Spike Amount	% Rec		% Rec Limits
1,1,1-Trichloroethane (TCA)	23.9	20.0	120		67 - 121
1,1,2,2-Tetrachloroethane	19.5	20.0	97		72 - 124
1,1,2-Trichloroethane	20.5	20.0	102		81 - 117
1,1,2-Trichloro-1,2,2-trifluoroethane	27.8	20.0	139	*	60 - 123
1,1-Dichloroethane (1,1-DCA)	22.7	20.0	113		76 - 128
1,1-Dichloroethene (1,1-DCE)	26.2	20.0	131		74 - 135
1,2,4-Trichlorobenzene	20.3	20.0	102		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	18.4	20.0	92		64 - 131
1,2-Dibromoethane	19.6	20.0	98		81 - 118
1,2-Dichlorobenzene	20.9	20.0	104		80 - 119
1,2-Dichloroethane	22.8	20.0	114		72 - 130
1,2-Dichloropropane	22.8	20.0	114		80 - 119
1,3-Dichlorobenzene	21.1	20.0	106		79 - 121
1,4-Dichlorobenzene	20.9	20.0	104		79 - 119
2-Butanone (MEK)	24.7	20.0	123		60 - 133
2-Hexanone	20.5	20.0	102		61 - 131
4-Methyl-2-pentanone	24.3	20.0	121		61 - 132
Acetone	24.3	20.0	121		61 - 138
Benzene	23.0	20.0	115		76 - 118
Bromodichloromethane	24.2	20.0	121		79 - 123
Bromoform	20.0	20.0	100		72 - 128
Bromomethane	28.6	20.0	143		46 - 157
Carbon Disulfide	24.6	20.0	123		61 - 144
Carbon Tetrachloride	25.8	20.0	129		64 - 129
Chlorobenzene	21.1	20.0	106		80 - 121
Chloroethane	17.7	20.0	89		69 - 128
Chloroform	23.7	20.0	118		75 - 123
Chloromethane	21.9	20.0	110		55 - 139
Cyclohexane	20.2	20.0	101		55 - 132
Dibromochloromethane	22.2	20.0	111		78 - 127
Dichlorodifluoromethane (CFC 12)	21.8	20.0	109		45 - 147
Dichloromethane	22.0	20.0	110		73 - 122
Ethylbenzene	21.6	20.0	108		75 - 123

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Analyzed: 1/2/14

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/Kg
Basis: Dry

Analysis Lot: 375135

Lab Control Sample
RQ1400162-03

Analyte Name	Result	Spike Amount	% Rec		% Rec Limits
Isopropylbenzene (Cumene)	22.1	20.0	111		75 - 139
Methyl Acetate	19.6	20.0	98		65 - 131
Methyl tert-Butyl Ether	25.7	20.0	129	*	75 - 116
Methylcyclohexane	19.3	20.0	96		59 - 127
Styrene	21.0	20.0	105		80 - 121
Tetrachloroethene (PCE)	20.8	20.0	104		71 - 127
Toluene	22.6	20.0	113		77 - 120
Trichloroethene (TCE)	23.2	20.0	116		75 - 122
Trichlorofluoromethane (CFC 11)	18.8	20.0	94		64 - 134
Vinyl Chloride	18.5	20.0	92		68 - 139
cis-1,2-Dichloroethene	23.7	20.0	119		77 - 123
cis-1,3-Dichloropropene	21.8	20.0	109		77 - 125
m,p-Xylenes	44.4	40.0	111		77 - 124
o-Xylene	20.6	20.0	103		77 - 131
trans-1,2-Dichloroethene	23.5	20.0	117		72 - 120
trans-1,3-Dichloropropene	22.1	20.0	111		69 - 127

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Water

Service Request: R1309648
Date Analyzed: 1/3/14

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/L
Basis: NA

Analysis Lot: 375318

Lab Control Sample
RQ1400106-03

Analyte Name	Result	Spike Amount	% Rec		% Rec Limits
1,1,1-Trichloroethane (TCA)	20.1	20.0	100		67 - 121
1,1,2,2-Tetrachloroethane	18.8	20.0	94		72 - 124
1,1,2-Trichloroethane	19.8	20.0	99		81 - 117
1,1,2-Trichloro-1,2,2-trifluoroethane	26.8	20.0	134	*	60 - 123
1,1-Dichloroethane (1,1-DCA)	20.4	20.0	102		76 - 128
1,1-Dichloroethene (1,1-DCE)	23.9	20.0	119		74 - 135
1,2,4-Trichlorobenzene	17.9	20.0	89		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	18.1	20.0	90		64 - 131
1,2-Dibromoethane	19.5	20.0	98		81 - 118
1,2-Dichlorobenzene	18.7	20.0	94		80 - 119
1,2-Dichloroethane	18.5	20.0	92		72 - 130
1,2-Dichloropropane	20.5	20.0	102		80 - 119
1,3-Dichlorobenzene	19.5	20.0	98		79 - 121
1,4-Dichlorobenzene	19.0	20.0	95		79 - 119
2-Butanone (MEK)	17.7	20.0	88		60 - 133
2-Hexanone	15.7	20.0	78		61 - 131
4-Methyl-2-pentanone	18.4	20.0	92		61 - 132
Acetone	21.4	20.0	107		61 - 138
Benzene	20.9	20.0	105		76 - 118
Bromodichloromethane	20.1	20.0	101		79 - 123
Bromoform	18.9	20.0	94		72 - 128
Bromomethane	24.3	20.0	121		46 - 157
Carbon Disulfide	22.9	20.0	114		61 - 144
Carbon Tetrachloride	19.0	20.0	95		64 - 129
Chlorobenzene	20.2	20.0	101		80 - 121
Chloroethane	16.9	20.0	84		69 - 128
Chloroform	22.2	20.0	111		75 - 123
Chloromethane	16.9	20.0	84		55 - 139
Cyclohexane	18.9	20.0	94		55 - 132
Dibromochloromethane	20.1	20.0	100		78 - 127
Dichlorodifluoromethane (CFC 12)	18.9	20.0	94		45 - 147
Dichloromethane	21.2	20.0	106		73 - 122
Ethylbenzene	20.1	20.0	100		75 - 123

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Water

Service Request: R1309648
Date Analyzed: 1/3/14

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/L
Basis: NA

Analysis Lot: 375318

Analyte Name	Lab Control Sample RQ1400106-03 Result	Spike Amount	% Rec		% Rec Limits
Isopropylbenzene (Cumene)	19.8	20.0	99		75 - 139
Methyl Acetate	17.1	20.0	85		65 - 131
Methyl tert-Butyl Ether	24.9	20.0	125	*	75 - 116
Methylcyclohexane	19.8	20.0	99		59 - 127
Styrene	20.5	20.0	103		80 - 121
Tetrachloroethene (PCE)	19.6	20.0	98		71 - 127
Toluene	20.5	20.0	103		77 - 120
Trichloroethene (TCE)	20.0	20.0	100		75 - 122
Trichlorofluoromethane (CFC 11)	16.6	20.0	83		64 - 134
Vinyl Chloride	16.0	20.0	80		68 - 139
cis-1,2-Dichloroethene	22.1	20.0	110		77 - 123
cis-1,3-Dichloropropene	19.9	20.0	99		77 - 125
m,p-Xylenes	40.6	40.0	102		77 - 124
o-Xylene	19.8	20.0	99		77 - 131
trans-1,2-Dichloroethene	22.9	20.0	114		72 - 120
trans-1,3-Dichloropropene	20.7	20.0	103		69 - 127

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Analyzed: 1/ 7/14

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/Kg
Basis: Dry

Analysis Lot: 375894

Lab Control Sample
RQ1400255-03

Analyte Name	Result	Spike Amount	% Rec		% Rec Limits
1,1,1-Trichloroethane (TCA)	20.2	20.0	101		65 - 127
1,1,2,2-Tetrachloroethane	20.8	20.0	104		71 - 134
1,1,2-Trichloroethane	19.5	20.0	98		76 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	28.5	20.0	143	*	59 - 127
1,1-Dichloroethane (1,1-DCA)	19.3	20.0	96		75 - 126
1,1-Dichloroethene (1,1-DCE)	24.8	20.0	124		69 - 135
1,2,4-Trichlorobenzene	24.3	20.0	122		68 - 136
1,2-Dibromo-3-chloropropane (DBCP)	22.9	20.0	115		56 - 138
1,2-Dibromoethane	20.7	20.0	104		73 - 125
1,2-Dichlorobenzene	21.3	20.0	106		77 - 125
1,2-Dichloroethane	18.7	20.0	93		69 - 121
1,2-Dichloropropane	19.9	20.0	100		79 - 124
1,3-Dichlorobenzene	22.0	20.0	110		74 - 130
1,4-Dichlorobenzene	21.9	20.0	110		75 - 129
2-Butanone (MEK)	17.1	20.0	85		63 - 135
2-Hexanone	17.6	20.0	88		59 - 144
4-Methyl-2-pentanone	17.7	20.0	88		65 - 138
Acetone	18.2	20.0	91		50 - 151
Benzene	20.1	20.0	101		75 - 124
Bromodichloromethane	19.0	20.0	95		77 - 127
Bromoform	21.9	20.0	109		61 - 144
Bromomethane	16.4	20.0	82		52 - 140
Carbon Disulfide	22.6	20.0	113		66 - 135
Carbon Tetrachloride	19.9	20.0	100		58 - 125
Chlorobenzene	20.6	20.0	103		77 - 124
Chloroethane	13.5	20.0	68		56 - 138
Chloroform	19.8	20.0	99		75 - 126
Chloromethane	17.5	20.0	87		52 - 145
Cyclohexane	20.5	20.0	103		54 - 135
Dibromochloromethane	20.8	20.0	104		69 - 133
Dichlorodifluoromethane (CFC 12)	18.7	20.0	93		46 - 146
Dichloromethane	19.7	20.0	98		75 - 122
Ethylbenzene	21.4	20.0	107		70 - 130

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Analyzed: 1/ 7/14

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/Kg
Basis: Dry

Analysis Lot: 375894

Lab Control Sample
RQ1400255-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
Isopropylbenzene (Cumene)	21.9	20.0	109	72 - 145
Methyl Acetate	17.2	20.0	86	61 - 144
Methyl tert-Butyl Ether	23.6	20.0	118	69 - 124
Methylcyclohexane	20.7	20.0	103	57 - 131
Styrene	20.5	20.0	102	71 - 127
Tetrachloroethene (PCE)	23.2	20.0	116	67 - 133
Toluene	20.5	20.0	102	72 - 127
Trichloroethene (TCE)	21.6	20.0	108	72 - 128
Trichlorofluoromethane (CFC 11)	16.5	20.0	83	62 - 138
Vinyl Chloride	19.2	20.0	96	58 - 152
cis-1,2-Dichloroethene	20.1	20.0	100	75 - 127
cis-1,3-Dichloropropene	18.7	20.0	94	73 - 120
m,p-Xylenes	41.9	40.0	105	70 - 131
o-Xylene	21.1	20.0	105	71 - 127
trans-1,2-Dichloroethene	21.3	20.0	107	69 - 125
trans-1,3-Dichloropropene	18.3	20.0	92	68 - 120

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ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Water

Service Request: R1309648
Date Analyzed: 12/30/13

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 199494

Analyte Name	Lab Control Sample RQ1316345-02 Result	Spike Amount	% Rec	Duplicate Lab Control Sample RQ1316345-03 Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	125	100	125 *	126	100	126 *	69 - 122	<1	30
2,6-Dinitrotoluene	115	100	115	119	100	119	48 - 125	3	30
2-Chloronaphthalene	72.8	100	73	73.9	100	74	47 - 98	1	30
2-Methylnaphthalene	61.4	100	61	62.5	100	63	34 - 102	3	30
2-Nitroaniline	96.9	100	97	100	100	100	60 - 119	3	30
3,3'-Dichlorobenzidine	74.3	100	74	74.2	100	74	44 - 114	<1	30
3-Nitroaniline	73.3	100	73	75.9	100	76	49 - 110	4	30
4-Bromophenyl Phenyl Ether	85.5	100	85	88.1	100	88	63 - 124	3	30
4-Chloroaniline	66.7	100	67	67.9	100	68	40 - 111	1	30
4-Chlorophenyl Phenyl Ether	83.2	100	83	86.8	100	87	59 - 112	5	30
4-Nitroaniline	91.5	100	91	91.5	100	91	61 - 122	<1	30
Acenaphthene	81.6	100	82	84.2	100	84	54 - 125	2	30
Acenaphthylene	83.8	100	84	84.4	100	84	69 - 111	<1	30
Acetophenone	86.8	100	87	85.3	100	85	42 - 126	2	30
Anthracene	92.4	100	92	92.0	100	92	55 - 116	<1	30
Atrazine	134	100	134	134	100	134	10 - 160	<1	30
Benz(a)anthracene	90.1	100	90	91.0	100	91	66 - 110	1	30
Benzaldehyde	155	100	155	158	100	158	46 - 200	2	30
Benzo(a)pyrene	92.5	100	92	92.6	100	93	44 - 114	1	30
Benzo(b)fluoranthene	88.8	100	89	90.0	100	90	64 - 122	1	30
Benzo(g,h,i)perylene	109	100	109	112	100	112	60 - 127	3	30
Benzo(k)fluoranthene	86.5	100	87	87.9	100	88	49 - 133	1	30
Biphenyl	77.9	100	78	79.6	100	80	30 - 126	3	30
2,2'-Oxybis(1-chloropropane)	80.5	100	81	80.8	100	81	44 - 112	<1	30
Bis(2-chloroethoxy)methane	84.0	100	84	85.5	100	86	53 - 142	2	30
Bis(2-chloroethyl) Ether	74.1	100	74	74.8	100	75	56 - 106	1	30
Bis(2-ethylhexyl) Phthalate	93.7	100	94	101	100	101	62 - 124	7	30
Butyl Benzyl Phthalate	89.6	100	90	94.2	100	94	41 - 148	4	30
Caprolactam	23.8	100	24	25.1	100	25	10 - 41	4	30
Carbazole	95.4	100	95	93.3	100	93	66 - 117	2	30
Chrysene	90.2	100	90	91.3	100	91	57 - 118	1	30
Di-n-butyl Phthalate	91.1	100	91	93.5	100	94	57 - 139	3	30
Di-n-octyl Phthalate	90.4	100	90	95.0	100	95	77 - 120	5	30

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ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Water

Service Request: R1309648
Date Analyzed: 12/30/13

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 199494

Analyte Name	Lab Control Sample RQ1316345-02 Result	Spike Amount	% Rec	Duplicate Lab Control Sample RQ1316345-03 Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Dibenz(a,h)anthracene	105	100	105	107	100	107	58 - 132	2	30
Dibenzofuran	80.8	100	81	82.5	100	82	58 - 105	1	30
Diethyl Phthalate	81.4	100	81	84.4	100	84	65 - 122	4	30
Dimethyl Phthalate	83.8	100	84	87.2	100	87	69 - 115	4	30
Fluoranthene	94.9	100	95	93.9	100	94	62 - 123	1	30
Fluorene	82.0	100	82	84.4	100	84	60 - 112	2	30
Hexachlorobenzene	88.8	100	89	89.4	100	89	76 - 119	<1	30
Hexachlorobutadiene	44.4	100	44	43.8	100	44	16 - 95	<1	30
Hexachlorocyclopentadiene	56.0	100	56	58.5	100	58	10 - 99	4	30
Hexachloroethane	40.6	100	41	41.6	100	42	15 - 92	2	30
Indeno(1,2,3-cd)pyrene	107	100	107	108	100	108	64 - 126	<1	30
Isophorone	87.3	100	87	89.2	100	89	61 - 128	2	30
N-Nitrosodi-n-propylamine	84.7	100	85	86.6	100	87	51 - 119	2	30
N-Nitrosodiphenylamine	91.0	100	91	91.4	100	91	45 - 123	<1	30
Naphthalene	56.5	100	57	56.2	100	56	36 - 95	2	30
Nitrobenzene	82.2	100	82	84.8	100	85	51 - 113	4	30
Phenanthrene	94.2	100	94	94.5	100	94	58 - 118	<1	30
Pyrene	103	100	103	105	100	105	67 - 118	2	30

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ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Analyzed: 1/2/14

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3541

Units: µg/Kg
Basis: Dry

Extraction Lot: 199557

Analyte Name	Lab Control Sample RQ1316577-02 Result	Spike Amount	% Rec	Duplicate Lab Control Sample RQ1316577-03 Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	3160	3330	95	3210	3330	96	45 - 152	2	30
2,6-Dinitrotoluene	3010	3330	90	3100	3330	93	50 - 146	3	30
2-Chloronaphthalene	2300	3330	69	2320	3330	70	41 - 124	<1	30
2-Methylnaphthalene	2160	3330	65	2180	3330	65	33 - 125	<1	30
2-Nitroaniline	2570	3330	77	2560	3330	77	44 - 139	<1	30
3,3'-Dichlorobenzidine	1870	3330	56	1930	3330	58	19 - 111	4	30
3-Nitroaniline	2010	3330	60	2100	3330	63	43 - 106	4	30
4-Bromophenyl Phenyl Ether	2200	3330	66	2240	3330	67	45 - 137	2	30
4-Chloroaniline	1480	3330	44	1560	3330	47	34 - 101	5	30
4-Chlorophenyl Phenyl Ether	2250	3330	67	2250	3330	67	47 - 132	<1	30
4-Nitroaniline	2200	3330	66	2250	3330	68	34 - 131	3	30
Acenaphthene	2360	3330	71	2310	3330	69	43 - 133	2	30
Acenaphthylene	2420	3330	73	2430	3330	73	45 - 133	<1	30
Acetophenone	2270	3330	68	2280	3330	68	44 - 114	<1	30
Anthracene	2340	3330	70	2350	3330	71	48 - 129	<1	30
Atrazine	3390	3330	102	3470	3330	104	39 - 151	2	30
Benz(a)anthracene	2250	3330	68	2310	3330	69	48 - 129	3	30
Benzaldehyde	4690	3330	141	4530	3330	136	62 - 200	4	30
Benzo(a)pyrene	2280	3330	68	2300	3330	69	45 - 125	<1	30
Benzo(b)fluoranthene	2180	3330	65	2230	3330	67	45 - 136	2	30
Benzo(g,h,i)perylene	2770	3330	83	2750	3330	82	51 - 131	<1	30
Benzo(k)fluoranthene	2110	3330	63	2140	3330	64	43 - 131	1	30
Biphenyl	2420	3330	73	2380	3330	71	35 - 131	1	30
2,2'-Oxybis(1-chloropropane)	2530	3330	76	2500	3330	75	38 - 138	1	30
Bis(2-chloroethoxy)methane	2240	3330	67	2240	3330	67	48 - 123	<1	30
Bis(2-chloroethyl) Ether	2100	3330	63	2050	3330	61	44 - 111	2	30
Bis(2-ethylhexyl) Phthalate	2510	3330	75	2610	3330	78	50 - 142	4	30
Butyl Benzyl Phthalate	2380	3330	71	2470	3330	74	46 - 137	4	30
Caprolactam	2240	3330	67	2300	3330	69	42 - 112	2	30
Carbazole	2360	3330	71	2380	3330	71	40 - 140	<1	30
Chrysene	2290	3330	69	2320	3330	69	48 - 128	1	30
Di-n-butyl Phthalate	2400	3330	72	2430	3330	73	36 - 164	1	30
Di-n-octyl Phthalate	2440	3330	73	2540	3330	76	48 - 137	4	30

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ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Analyzed: 1/2/14

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3541

Units: µg/Kg
Basis: Dry

Extraction Lot: 199557

Analyte Name	Lab Control Sample RQ1316577-02 Result	Spike Amount	% Rec	Duplicate Lab Control Sample RQ1316577-03 Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Dibenz(a,h)anthracene	2530	3330	76	2600	3330	78	50 - 135	3	30
Dibenzofuran	2270	3330	68	2250	3330	68	45 - 126	<1	30
Diethyl Phthalate	2040	3330	61	2070	3330	62	46 - 141	2	30
Dimethyl Phthalate	2200	3330	66	2200	3330	66	48 - 139	<1	30
Fluoranthene	2340	3330	70	2400	3330	72	46 - 138	3	30
Fluorene	2210	3330	66	2210	3330	66	46 - 134	<1	30
Hexachlorobenzene	2250	3330	68	2270	3330	68	41 - 138	<1	30
Hexachlorobutadiene	2200	3330	66	2170	3330	65	10 - 142	2	30
Hexachlorocyclopentadiene	2430	3330	73	2440	3330	73	10 - 133	<1	30
Hexachloroethane	2140	3330	64	2070	3330	62	10 - 129	3	30
Indeno(1,2,3-cd)pyrene	2630	3330	79	2620	3330	79	48 - 128	<1	30
Isophorone	2230	3330	67	2240	3330	67	44 - 122	<1	30
N-Nitrosodi-n-propylamine	2240	3330	67	2250	3330	68	44 - 126	<1	30
N-Nitrosodiphenylamine	2320	3330	70	2300	3330	69	43 - 156	1	30
Naphthalene	2190	3330	66	2170	3330	65	31 - 123	<1	30
Nitrobenzene	2480	3330	74	2470	3330	74	35 - 134	<1	30
Phenanthrene	2350	3330	71	2380	3330	71	45 - 140	<1	30
Pyrene	2680	3330	80	2770	3330	83	45 - 132	3	30

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Analyzed: 1/ 7/14

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3541

Units: µg/Kg
Basis: Dry

Extraction Lot: 200097

Analyte Name	Lab Control Sample RQ1400142-02 Result	Spike Amount	% Rec	Duplicate Lab Control Sample RQ1400142-03 Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	2600	3330	78	2350	3330	71	45 - 152	10	30
2,6-Dinitrotoluene	2370	3330	71	2230	3330	67	50 - 146	6	30
2-Chloronaphthalene	2380	3330	71	2250	3330	68	41 - 124	5	30
2-Methylnaphthalene	2270	3330	68	2060	3330	62	33 - 125	9	30
2-Nitroaniline	2820	3330	85	2580	3330	77	44 - 139	9	30
3,3'-Dichlorobenzidine	1860	3330	56	1610	3330	48	19 - 111	14	30
3-Nitroaniline	1700	3330	51	1590	3330	48	43 - 106	6	30
4-Bromophenyl Phenyl Ether	2230	3330	67	2150	3330	65	45 - 137	3	30
4-Chloroaniline	1260	3330	38	1150	3330	35	34 - 101	9	30
4-Chlorophenyl Phenyl Ether	2420	3330	72	2220	3330	67	47 - 132	8	30
4-Nitroaniline	2400	3330	72	2110	3330	63	34 - 131	13	30
Acenaphthene	2510	3330	75	2350	3330	70	43 - 133	7	30
Acenaphthylene	2470	3330	74	2320	3330	69	45 - 133	7	30
Acetophenone	2330	3330	70	2170	3330	65	44 - 114	7	30
Anthracene	2460	3330	74	2270	3330	68	48 - 129	8	30
Atrazine	3120	3330	94	2880	3330	86	39 - 151	8	30
Benz(a)anthracene	2430	3330	73	2280	3330	69	48 - 129	6	30
Benzaldehyde	5040	3330	151	4500	3330	135	62 - 200	11	30
Benzo(a)pyrene	2340	3330	70	2270	3330	68	45 - 125	3	30
Benzo(b)fluoranthene	2460	3330	74	2490	3330	75	45 - 136	<1	30
Benzo(g,h,i)perylene	2020	3330	61	2030	3330	61	51 - 131	<1	30
Benzo(k)fluoranthene	2030	3330	61	1870	3330	56	43 - 131	8	30
Biphenyl	2390	3330	72	2280	3330	69	35 - 131	5	30
2,2'-Oxybis(1-chloropropane)	2060	3330	62	1870	3330	56	38 - 138	9	30
Bis(2-chloroethoxy)methane	2050	3330	62	1870	3330	56	48 - 123	9	30
Bis(2-chloroethyl) Ether	2000	3330	60	1840	3330	55	44 - 111	8	30
Bis(2-ethylhexyl) Phthalate	2640	3330	79	2450	3330	74	50 - 142	7	30
Butyl Benzyl Phthalate	2550	3330	76	2330	3330	70	46 - 137	9	30
Caprolactam	2290	3330	69	1940	3330	58	42 - 112	17	30
Carbazole	2430	3330	73	2230	3330	67	40 - 140	9	30
Chrysene	2430	3330	73	2260	3330	68	48 - 128	7	30
Di-n-butyl Phthalate	2590	3330	78	2340	3330	70	36 - 164	10	30
Di-n-octyl Phthalate	2730	3330	82	2540	3330	76	48 - 137	7	30

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Analyzed: 1/7/14

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
Prep Method: EPA 3541

Units: µg/Kg
Basis: Dry

Extraction Lot: 200097

Analyte Name	Lab Control Sample RQ1400142-02 Result	Spike Amount	% Rec	Duplicate Lab Control Sample RQ1400142-03 Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Dibenz(a,h)anthracene	2180	3330	65	2060	3330	62	50 - 135	5	30
Dibenzofuran	2380	3330	71	2240	3330	67	45 - 126	6	30
Diethyl Phthalate	2610	3330	78	2300	3330	69	46 - 141	12	30
Dimethyl Phthalate	2380	3330	71	2250	3330	67	48 - 139	6	30
Fluoranthene	2390	3330	72	2330	3330	70	46 - 138	3	30
Fluorene	2340	3330	70	2190	3330	66	46 - 134	7	30
Hexachlorobenzene	2350	3330	70	2150	3330	64	41 - 138	9	30
Hexachlorobutadiene	2530	3330	76	2280	3330	68	10 - 142	10	30
Hexachlorocyclopentadiene	2150	3330	64	2060	3330	62	10 - 133	4	30
Hexachloroethane	2230	3330	67	2080	3330	62	10 - 129	7	30
Indeno(1,2,3-cd)pyrene	2060	3330	62	2040	3330	61	48 - 128	1	30
Isophorone	2290	3330	69	2180	3330	65	44 - 122	5	30
N-Nitrosodi-n-propylamine	2160	3330	65	2000	3330	60	44 - 126	8	30
N-Nitrosodiphenylamine	2560	3330	77	2400	3330	72	43 - 156	7	30
Naphthalene	2350	3330	71	2190	3330	66	31 - 123	7	30
Nitrobenzene	2630	3330	79	2420	3330	73	35 - 134	8	30
Phenanthrene	2480	3330	74	2360	3330	71	45 - 140	5	30
Pyrene	2520	3330	76	2280	3330	68	45 - 132	10	30

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Barton & Loguidice, PC
Project: 267 Marilla Street/1206.015.001
Sample Matrix: Soil

Service Request: R1309648
Date Analyzed: 1/ 6/14

Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Analytical Method: 8082A
Prep Method: EPA 3541

Units: µg/Kg
Basis: Dry

Extraction Lot: 199779

	Lab Control Sample RQ1316627-02			Duplicate Lab Control Sample RQ1316627-03					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1260	118	167	71	99.6	167	60	58 - 129	17	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Preparation Information Benchsheet

Prep Run#: 199779 **Prep WorkFlow:** OrgExtS(14) **Status:** Prepped
Team: Semivoa GC/SGOLBERG **Prep Method:** EPA 3541 **Prep Date/Time:** 12/31/13 12:43 PM

#	Lab Code	Client ID	B#	Amt. Ext	Method /Test	pH	AE	BN	Final Vol	Sample Desc. (Initial/Final)	SpikeAmt./Inv. ID	Comments
1	RQ1316627-01	MB		30.0g	8082A/PCB				10.00mL	sulfate	1.0000 mL/64768	
2	RQ1316627-02	LCS		30.0g	8082A/PCB				10.00mL	sulfate	1.0000 mL/63658; 1.0000 mL/64768	
3	RQ1316627-03	DLCS		30.0g	8082A/PCB				10.00mL	sulfate	1.0000 mL/64768; 1.0000 mL/63658	
4	R1309648-001	B-2 5-7	.01	30.0g	8082A/PCB				10.00mL	gray/red/black mottled clay	1.0000 mL/64768	
5	R1309648-002	B-3 0-2	.01	30.0g	8082A/PCB				10.00mL	brown silt with glass and gravel	1.0000 mL/64768	
6	R1309648-003	B-4 2-4	.02	30.0g	8082A/PCB				10.00mL	brown silt with glass and gravel and gray clay	1.0000 mL/64768	
7	R1309648-004	B-4 5-7	.02	30.0g	8082A/PCB				10.00mL	gray/red/brown mottled clay	1.0000 mL/64768	
8	RQ1316627-04	R1309648-004 MS	.02	30.0g	8082A/PCB				10.00mL	gray/red/black mottled clay	1.0000 mL/64768; 1.0000 mL/63658	
9	RQ1316627-05	R1309648-004 DMS	.02	30.0g	8082A/PCB				10.00mL	gray/red/black mottled clay	1.0000 mL/63658; 1.0000 mL/64768	
10	R1309648-005	B-5 1-3	.02	30.0g	8082A/PCB				10.00mL	brown silt with glass and gravel	1.0000 mL/64768	
11	R1309648-006	B-5 4-5	.02	30.0g	8082A/PCB				10.00mL	brown silt with glass and gravel	1.0000 mL/64768	
12	R1309648-007	B-6 2-4	.02	30.0g	8082A/PCB				10.00mL	dark brown silt with gravel	1.0000 mL/64768	
13	R1309648-008	B-6 5-7	.02	30.0g	8082A/PCB				10.00mL	gray/red/brown mottled clay	1.0000 mL/64768	
14	R1309648-009	B-7 1-4	.01	30.0g	8082A/PCB				10.00mL	brown silt with glass and gravel	1.0000 mL/64768	
15	R1309648-010	B-10 4-6	.02	30.0g	8082A/PCB				10.00mL	brown clayey silt	1.0000 mL/64768	
16	R1309648-012	B-11 2-4	.02	30.0g	8082A/PCB				10.00mL	brown silt with glass and gravel	1.0000 mL/64768	
17	R1309648-013	B-11 4-6	.01	30.0g	8082A/PCB				10.00mL	brown clayey silt	1.0000 mL/64768	

Spiking Solutions

Name: 8082 Spike 5 ug/mL AR1260 in Hexane Inventory ID 63658 Logbook Ref: Expires On: 04/25/2014

Name: 8081/8082 Surrogate Spike STD 1 ug/ ml Inventory ID 64768 Logbook Ref: Expires On: 06/02/2014

Preparation Materials

50:50 acetone:hexane mix 50:50 acetone:hexane (65157)
Sulfuric Acid Reagent Grade H2SO4 (64071)
Prepared Tetrabutylammonium hydrogen sulfate (TBA) (65643)
Eppendorf Pipette Repeater EXT #14 (61350)
Hexanes 95% (64935)
2mL Graduated Vials (64410)
Prepared Sodium Sulfate Na2SO4 (65602)

Preparation Steps

Step:	Extraction	Concentration	Acid Clean-EPA 3665A	Sulfur Clean-EPA 3660B	Extraction Complete
Started:	12/31/13 12:43	12/31/13 15:10	12/31/13 18:15	12/31/13 16:15	1/2/14 15:12
Finished:	12/31/13 15:18	12/31/13 16:05	12/31/13 18:20	12/31/13 16:30	1/2/14 15:12
By:	SGOLBERG	SGOLBERG	SGOLBERG	SGOLBERG	SGOLBERG
Comments		Comments	Comments	Comments	Comments

Preparation Information Benchsheet

rep Run#: 199779
eam: Semivoa GC/SGOLBERG

Prep WorkFlow: OrgExtS(14)
Prep Method: EPA 3541

Status: Prepped
Prep Date/Time: 12/31/13 12:43 PM

omments:

eviewed By: _____ Date: 1/3/14 Spike Witness: BALLGEIER Date: _____

hain of Custody

Relinquished By: _____ Date: _____

Received By: _____ Date: _____

Extracts Examined
Yes No

Preparation Information Benchsheet

Prep Run#: 199779 **Prep WorkFlow:** OrgExtS(14) **Status:** Prepped
Team: Semivoa GC/SGOLBERG **Prep Method:** EPA 3541 **Prep Date/Time:** 12/31/13 12:43 PM

#	Lab Code	Client ID	B#	Amt. Ext.	Method /Test	pH	AE	BN	Final Vol	Sample Desc. (Initial/Final)	SpikeAmt./Inv. ID	Comments
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3	RQ1316627-03	DLCS		30.0g	8082A/PCB				10.00mL	sulfate	1.0000 mL/64768; 1.0000 mL/63658	
4	R1309648-001	B-2 5-7	.01	30.0g	8082A/PCB				10.00mL	gray/red/black mottled clay	1.0000 mL/64768	
5	R1309648-002	B-3 0-2	.01	30.0g	8082A/PCB				10.00mL	brown silt with glass and gravel	1.0000 mL/64768	
6	R1309648-003	B-4 2-4	.02	30.0g	8082A/PCB				10.00mL	brown silt with glass and gravel and gray clay	1.0000 mL/64768	
7	R1309648-004	B-4 5-7	.02	30.0g	8082A/PCB				10.00mL	gray/red/brown mottled clay	1.0000 mL/64768	
8	RQ1316627-04	R1309648-004 MS	.02	30.0g	8082A/PCB				10.00mL	gray/red/black mottled clay	1.0000 mL/64768; 1.0000 mL/63658	
9	RQ1316627-05	R1309648-004 DMS	.02	30.0g	8082A/PCB				10.00mL	gray/red/black mottled clay	1.0000 mL/63658; 1.0000 mL/64768	
10	R1309648-005	B-5 1-3	.02	30.0g	8082A/PCB				10.00mL	brown silt with glass and gravel	1.0000 mL/64768	
11	R1309648-006	B-5 4-5	.02	30.0g	8082A/PCB				10.00mL	brown silt with glass and gravel	1.0000 mL/64768	
12	R1309648-007	B-6 2-4	.02	30.0g	8082A/PCB				10.00mL	dark brown silt with gravel	1.0000 mL/64768	
13	R1309648-008	B-6 5-7	.02	30.0g	8082A/PCB				10.00mL	gray/red/brown mottled clay	1.0000 mL/64768	
14	R1309648-009	B-7 1-4	.01	30.0g	8082A/PCB				10.00mL	brown silt with glass and gravel	1.0000 mL/64768	
15	R1309648-010	B-10 4-6	.02	30.0g	8082A/PCB				10.00mL	brown clayey silt	1.0000 mL/64768	
16	R1309648-012	B-11 2-4	.02	30.0g	8082A/PCB				10.00mL	brown silt with glass and gravel	1.0000 mL/64768	
17	R1309648-013	B-11 4-6	.01	30.0g	8082A/PCB				10.00mL	brown clayey silt	1.0000 mL/64768	

Spiking Solutions

Name: 8082 Spike 5 ug/mL AR1260 in Hexane Inventory ID 63658 Logbook Ref: Expires On: 04/25/2014

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Eppendorf Pipette Repeater EXT #14 (61350)
Hexanes 95% (64935)
2mL Graduated Vials (64410)
Prepared Sodium Sulfate Na2SO4 (65602)

Preparation Steps

Step:	Extraction	Step:	Concentration	Step:	Acid Clean-EPA 3665A	Step:	Sulfur Clean-EPA 3660B	Step:	Extraction Complete
Started:	12/31/13 12:43	Started:	12/31/13 15:10	Started:	12/31/13 18:15	Started:	12/31/13 16:15	Started:	1/2/14 15:12
Finished:	12/31/13 15:18	Finished:	12/31/13 16:05	Finished:	12/31/13 18:20	Finished:	12/31/13 16:30	Finished:	1/2/14 15:12
By:	SGOLBERG	By:	SGOLBERG	By:	SGOLBERG	By:	SGOLBERG	By:	SGOLBERG
Comments		Comments		Comments		Comments		Comments	

Preparation Information Benchsheet

Prep Run#: 199779
Team: Semivoa GC/SGOLBERG

Prep WorkFlow: OrgExtS(14)
Prep Method: EPA 3541

Status: Prepped
Prep Date/Time: 12/31/13 12:43 PM

Comments: _____

Reviewed By: _____ Date: 1/3/14 Spike Witness: BALLGEIER Date: _____

Chain of Custody

Relinquished By:		Date:		Extracts Examined
Received By:		Date:		Yes No

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

12915

ALS Environmental

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 OF 2

Project Name: 267 Marilla St	Project Number: 1206.015.001
Project Manager: Greg Lesniak	Report CC:
Company/Address: Berton & Loguidice 11 Centre Circle Rochester NY	
Phone #: 585-727-1775	Email: glesniak@bertonandloguidice.com
Sampler's Signature: Greg V. Lesniak	Sampler's Printed Name: Greg Lesniak

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GCMS VOAs ● 8260 ○ 624 ○ CLP	GCMS SVOAs ● 8270 ○ 625	GC VOAs ○ 8021 ○ 601/602	PESTICIDES ○ 8081 ○ 608	PCBs ● 8082 ○ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)
PRESERVATIVE						0	0			0	0	
B-2 5-7'		12-19-13	10:45	Soil	1	X	X			X	X	
B-3 0-2'			11:15		1	X	X			X	X	
B-4 2-4'			11:50		2	X	X			X	X	
B-4 5-7'			11:52		2	X	X			X	X	
B-5 1-3'			12:30		1	X	X			X	X	
B-5 4-5'			12:32		1	X	X			X	X	
B-6 2-4'			13:00		2	X	X			X	X	
B-6 5-7'			13:02		2	X	X			X	X	
B-7 1-4'			13:50		1	X	X			X	X	
B-10 4-6'			15:20		2	X	X			X	X	
Trip Blank		12-19-13	15:35	DI	3	X						

Preservative Key: 0. NONE; 1. HCL; 2. HNO_3; 3. H_2SO_4; 4. NaOH; 5. Zn. Acetate; 6. MeOH; 7. $NaHSO_4$; 8. Other _____

REMARKS/ALTERNATE DESCRIPTION

BNA

RCRA-8

SPECIAL INSTRUCTIONS/COMMENTS
Metals RCRA 8

See QAPP ☐

STATE WHERE SAMPLES WERE COLLECTED: NY

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 1 day _____ 2 day _____ 3 day
_____ 4 day _____ 5 day

REQUESTED REPORT DATE: Jan 6, 2014

REPORT REQUIREMENTS
✓ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
_____ IV. Data Validation Report with Raw Data

Edata _____ Yes ✓ No

INVOICE INFORMATION
1206.015.001
PO #
BILL TO:
See Quote 12-12-13
Cat B.
R1309648

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Greg V. Lesniak	Signature: Daniel Wac	Signature	Signature	Signature	Signature
Printed Name: B&L	Printed Name: ALS	Printed Name	Printed Name	Printed Name	
Firm: 12/20/13	Firm: 12/20/13/1601	Firm	Firm	Firm	
Date/Time: 16:01	Date/Time	Date/Time	Date/Time	Date/Time	

Distribution: White - Lab Copy; Yellow - Return to Originator

R1309648 5
Berton & Loguidice, PC
267 Marilla Street

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM 12916

ALS Environmental

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax)

Project Name: 267 Macilla St	Project Number: 1206.015.001
Project Manager: Greg Lesniak	Report CC:
Company/Address: Barton & Loguidice (B&L)	
Phone #: 585-727-1775	Email: glesniak@bartonandloguidice.com
Sampler's Signature: Greg V. Lesniak	Sampler's Printed Name: Greg V. Lesniak

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	PRESERVATIVE	0	0			0	0									REMARKS/ ALTERNATE DESCRIPTION
						GC/MS VOAs ◇ 8260 ◇ 624 ◇ CLP	GC/MS SVOAs ◇ 8270 ◇ 625 BNA	GC VOAs ◇ 8021 ◇ 601/602	PESTICIDES ◇ 8081 ◇ 608	PCBs ◇ 8082 ◇ 608	METALS, TOTAL (List in comments below) RCRA 8	METALS, DISSOLVED (List in comments below)									
B-11 2-4		12-20-13	9:25	Soil	2	X	X			X	X										
B-11 4-6		12-20-13	9:27	Soil	1	X	X			X	X										
B-10 GW		12-20-13	10:50	GW	3	X															
B-6 GW		12-20-13	11:40	GW	3	X															
B-2 GW		12-20-13	12:25	GW	6	X	X				X										
B-5 GW		12-20-13	13:15	GW	6	X	X				X										

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals RCRA-8

GW Metals Samples were Field-Filtered

See OAPP ☐

TURNAROUND REQUIREMENTS
____ RUSH (SURCHARGES APPLY)
____ 1 day ____ 2 day ____ 3 day
____ 4 day ____ 5 day
REQUESTED REPORT DATE
Jan 6, 2014

REPORT REQUIREMENTS
✓ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
Edata ____ Yes ____ No

INVOICE INFORMATION
1206.015.001
PO #
BILL TO:
See 12-12-13 Quote
Carl B - F13015648

STATE WHERE SAMPLES WERE COLLECTED NY

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Greg V. Lesniak	Signature: Daniel Wall	Signature	Signature	Signature	Signature
Printed Name: B&L	Printed Name: ALS	Printed Name	Printed Name	Printed Name	Printed Name
Firm: 12/20/13	Firm: 12/20/13 1601	Firm	Firm	Firm	Firm
Date/Time: 16:01	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Lab Copy; Yellow - Return to Originator

Cooler Receipt and Preservation Check Form

Project/Client BTL-Murilla Folder Number R1309648

Cooler received on 12/20/13 by: dlw **COURIER:** ALS UPS FEDEX VELOCITY ~~CLIENT~~

1.	Were custody seals on outside of cooler?	YES	~~NO~~	
2.	Were custody papers properly filled out (ink, signed, etc.)?	~~YES~~	NO	
3.	Did all bottles arrive in good condition (unbroken)?	~~YES~~	NO	
4.	Did VOA vials, Alkalinity, or Sulfide have significant* air bubbles?	YES	(NO)	N/A
5.	Were ~~Ice~~ or **Ice packs** present?	~~YES~~	NO	
6.	Where did the bottles originate?	~~ALS~~/ROC, CLIENT		
7.	Soil VOA samples received as:	Bulk Jar	Encore	TerraCore Lab5035set ~~N/A~~
8.	Temperature of cooler(s) upon receipt:	6.8	5.5	
	Is the temperature within 0° - 6° C?:	(Y) N	(Y) N	Y N Y N Y N

If No, Explain Below Date/Time Temperatures Taken: 12/20/13 / 1603

Thermometer ID: IR ~~GUN~~#3 / IR GUN#4 Reading From: ~~Temp Blank~~ / Sample Bottle

If out of Temperature, note packing/ice condition &Client Approval to Run Samples:

All Samples held in storage location Room by dlw on 12/20/13 at 1603

5035 samples placed in storage location _____ by _____ on _____ at _____

PC Secondary Review: 12/23/13

Cooler Breakdown: Date: _____ Time: _____ by: _____

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	YES	NO
2.	Did all bottle labels and tags agree with custody papers?	YES	NO
3.	Were correct containers used for the tests indicated?	YES	(NO)
4.	Air Samples: Cassettes / Tubes Intact	Canisters Pressurized	Tedlar® Bags Inflated N/A

Explain any discrepancies:

pH	Reagent	YES	NO	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO_3	✓		BDB26132	12/14				
≤2	H_2SO_4								
<4	$NaHSO_4$								
Residual Chlorine (-)	For TCN Phenol and 522			If present, contact PM to add ascorbic acid Or sodium sulfite (522)					
	$Na_2S_2O_3$	-	-						
	Zn Aceta	-	-						
	HCl	*	*	4112020	12/14				

*Not to be tested before analysis – pH tested and recorded by VOAs or GenChem on a separate worksheet

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 3-294-003, 091613-1BNS, 091613-1BN4, ~~BDB26132B~~, 100713-1BLT

Other Comments:

insufficient volume rec'd for: B-5 (1-3), B-5 (4-5), B-10 (4-6), B-11 (2-4), B-11 (4-6), B-3 (0-2), B-2 (5-7)

PC Secondary Review: _____

*significant air bubbles: VOA > 5-6 mm ; WC >1 in. diameter