August 6, 2013

Mr. Bill Paladino
9271 Group, LLC
210 Ellicott Square Building
295 Main Street
Buffalo, New York 14203-2219

Re: Supplemental Phase II Site Investigation
1050-1088 Niagara Street Site
Buffalo, New York

Dear Mr. Paladino:

At your request, TurnKey Environmental Restoration, LLC (TurnKey) has completed a Supplemental Phase II Site Investigation for the subject property at 1050-1088 Niagara Street in the City of Buffalo, New York (Site, see Figure 1). A description of the investigation activities and a discussion of the results are presented below.

The Supplemental Phase II Site Investigation was conducted at the request of the New York State Department of Environmental Conservation (NYSDEC) to further Site conditions. A Brownfield Cleanup Program (BCP) application has been submitted for the Site, which is currently awaiting an eligibility determination from the NYSDEC, subject to a 30-day public comment period.

SITE BACKGROUND

The subject property is located in a highly developed commercial, industrial, and residential area of Buffalo, New York. The subject Site is the southern portion of the greater redevelopment site addressed from 1050-1088 Niagara Street, The redevelopment site, totaling approximately 2.7-acres, is bordered by Albany Street to the north, a manufacturing facility to the south, Niagara Street to the east, and railroad tracks and Interstate 190 to the west. The Site is improved with one three story building on the 1050 Niagara Street Parcel.

The redevelopment site has a long history of being utilized for industrial operations (since at least 1889). The International Brewing Company and American Gelatine Corp. operated on-Site in the early 1900s. The northern portion of the Site included a filling station from at least the 1920s through at least 1960. Multiple gasoline tanks were identified on the northern portion of the site from at least 1925 through at least 1951. Gulf Oil Corporation and/or Hygrade Petroleum Co. were identified as on-Site operators from at least the 1920s through at least 1960. The Niagara Lithograph Company (current on-site building), a commercial printing company, was located on the 1050 Niagara Street parcel of the Site

from at least 1930 through at least 1990 and Miken Companies, also a commercial printing company, until at least 2000. Two 25,000 gallon tanks were historically located in the basement of 1050 Niagara Street. Residential, industrial, and commercial operations were identified for adjacent properties through the years.

SOIL INVESTIGATION

The soil investigation was conducted by TurnKey, on July 15th, 2013. TurnKey utilized a concrete core drill to gain access to five locations beneath the basement and subbasement floor; hand tools were utilized to collect samples from the soil beneath the floors and from the exterior soil sample locations. Sample locations are identified as SB-1 through SB-8 (see Figure 2) Soil samples were collected from a depth of approximately 0 to 0.5 feet below ground surface (fbgs) in exterior locations SB-3 and SB-4 and approximately 0.5 to 1.0 fbgs beneath the floors and exterior location SB-5 for visual and olfactory observations and laboratory analysis.

Soil samples were collected for laboratory analysis from each soil boring for target compound list (TCL) semi-volatile organic compounds (SVOCs) (SB-1 through SB-8), Target Analyte List (TAL) metals (SB-1 through SB-4, SB-7), and polychlorinated biphenyls (PCBs) (SB-5) . The soil samples were collected and placed in a pre-cleaned, laboratory provided sample bottle utilizing stainless steel sampling tools, and cooled to 4 °C in the field and transported under chain-of-custody to Alpha Analytical, Inc. located in Westborough, MA.

RESULTS

Based on field observations, approximately half of the floor areas of the basement and sub-basement had visible evidence of apparent oil staining; some areas contained standing oil. Various open containers of oil and drums of unknown contents were noted throughout the sub-basement. Oil staining was also noted proximate compressors, former oil storage/hazardous waste storage areas and one utility sink in the basement. A floor drain with standing oil was noted in the central portion of the building. The attached photolog illustrates some of these areas.

Exterior samples along the former railroad spur encountered slag and railroad ballast intermixed with fine sand, silt, ash and debris. Black staining and petroleum odors were noted in samples SB-1 and SB-2 from beneath the sub-basement in an oil storage area (western portion of the building), in SB-6 from beneath the basement floor located in an oil/waste storage area (eastern portion of the building) and in SB-7 in an area of leaking pipes and oil staining in the central portion of the building.

Soil analytical results indicate that numerous SVOCs and metals were detected above their respective Unrestricted and Commercial Use SCOs (see Table 1). A copy of the laboratory analytical data package is included in Attachment 1.

SUMMARY AND CONCLUSIONS

Eight additional (8) soil borings were advanced to further investigate the southern portion of 1050-1088 Niagara Street site. The following was noted:

- Approximately half of the floor areas of the basement and sub-basement had visible evidence of apparent oil staining; some areas contained standing oil; oil staining was also noted proximate compressors, former oil storage/hazardous waste storage areas and one utility sink in the basement;
- A floor drain with standing oil was noted in the central portion of the building.
- Some of the soils exhibited visible (black staining) olfactory (petroleum odors) evidence of subsurface contamination;
- Subsurface soil analytical results indicate SVOCs and metals exceedances of Unrestricted and Commercial Use SCOs.

Based on the results of the field investigation, impacted building surfaces and surface/subsurface soils are present within the southern portion of the redevelopment site that may require remediation prior to any future development. Additional investigation is recommended to further assess soil, groundwater and soil vapor in former oil storage areas, former hazardous waste storage areas, floor drains and the railroad spur.

Containers and drums of regulated substances and wastes stored on-site should be properly characterized for off-site disposal or recycling. Oil staining and standing oil noted throughout the basement and sub-basement should be removed/cleaned prior to site redevelopment.

LIMITATIONS

TurnKey personnel monitored all activities during investigation at the Site according to generally accepted practices. Based on the field observations made by TurnKey personnel, as well as field and laboratory test data, the investigation performed at the Site complied with the scope of work provided to 9271 Group, LLC by TurnKey.

This report has been prepared for the exclusive use of 9271 Group, LLC. The contents of this report are limited to information available at the time of the site investigation activities and to data referenced herein, and assume all referenced historic information sources to be true and accurate. The findings herein may be relied upon only at the discretion of 9271

Group, LLC. Use of or reliance upon this report or its findings by any other person or entity is prohibited without written permission of TurnKey Environmental Restoration, LLC.

Please contact us if you have any questions.

Sincerely,
TurnKey Environmental Restoration, LLC

Michael Lesakowski
Project Manager

File: 0136-013-005

TABLES

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS

1050-1088 NIAGARA STREET

BUFFAL, NEW YORK

Parameter [1]	Unrestricted SCOs[2]	Commercial SCOs[3]	Sample Location												
			TP-1 (7-9)	TP-3 (4-5)	TP-4 (3-5)	TP-5 (7-9)	TP-10 (9-11)	SB-1 (0.5-1)	SB-2 (0.5-1)	SB-3 (0-0.5)	SB-4 (0-0.5)	SB-5 (0.5-1) [5]	SB-6 (0.5-1)	SB-7 (0.5-1)	SB-8 (0.5-1)
Volatile Organic Compounds (VOCs) - mg/Kg [3]															
2-Butanone (MEK) [5]	--	--	NA	0.026 J	ND	NA	0.006 J	--	--	--	--	--	--	--	--
Acetone	**0.05**	**500**	NA	0.17	ND	NA	0.042	--	--	--	--	--	--	--	--
Ethylbenzene	**1**	**390**	NA	ND	**23**	NA	ND	--	--	--	--	--	--	--	--
Cyclohexane	--	--	NA	0.27	19	NA	ND	--	--	--	--	--	--	--	--
Isopropylbenzene (Cumene)	**2.3**	**2.3**	NA	0.25	**9.6**	NA	ND	--	--	--	--	--	--	--	--
n-Butylbenzene	**12**	**500**	NA	ND	7.7	NA	ND	--	--	--	--	--	--	--	--
n-Propylbenzene	**3.9**	**500**	NA	0.38	**130**	NA	ND	--	--	--	--	--	--	--	--
sec-Butylbenzene	**11**	**500**	NA	ND	3.3	NA	ND	--	--	--	--	--	--	--	--
tert-Butylbenzene	**5.9**	**500**	NA	0.019 J	ND	NA	ND	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	**3.6**	**190**	NA	0.7 B	**85**	NA	0.0012 J	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	**8.4**	**190**	NA	ND	**35**	NA	ND	--	--	--	--	--	--	--	--
p-Isopropyltoluene	**10**	**10**	NA	ND	7.2	NA	ND	--	--	--	--	--	--	--	--
Total Xylene	**0.26**	**500**	NA	0.091 B	**100**	NA	0.003 J	--	--	--	--	--	--	--	--
Methylcyclohexane	--	--	NA	0.55	120	NA	ND	--	--	--	--	--	--	--	--
TICS	--	--	NA	10.89 J	812 J	NA	0.286 J	--	--	--	--	--	--	--	--
Semi-Volatile Organic Compounds (SVOCs) - mg/Kg [3]															
1,2-Dichlorobenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.069 J	ND
1,3-Dichlorobenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.08 J	ND
2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	25	5.9	1.3 J	ND	ND	ND
Acenaphthylene	**100**	**500**	0.01 J	ND	ND	ND	ND	ND	ND	ND	6.2	1.2 J	ND	ND	ND
Acenaphthene	**20**	**500**	0.025 J	ND	ND	ND	ND	ND	ND	39	7	7.3	ND	0.096 J	ND
Anthracene	**100**	**500**	0.047 J	ND	ND	0.11 J	ND	ND	ND	60	18	15	ND	0.18	ND
Benzo(a)anthracene	**1**	**5.6**	0.17 BJ	ND	ND	0.61 BJ	ND	ND	ND	**130**	**46**	**40**	ND	0.59	ND
Benzzo(a)pyrene	**1**	**1**	0.18 BJ	ND	ND	ND	ND	ND	ND	ND	**39**	**40**	ND	0.4	ND
Benzo(b)fluoranthene	**1**	**5.6**	0.2 B	ND	ND	0.72 BJ	ND	ND	ND	**120**	**36**	**55**	ND	0.65	ND
Benzo(k)fluoranthene	**0.8**	**56**	0.08 BJ	ND	ND	0.32 BJ	ND	ND	ND	**110**	**33**	**19**	ND	0.22	ND
Benzo(g,h,i)perylene	**100**	**500**	0.11 BJ	ND	ND	0.4 BJ	ND	ND	ND	67	21	26	ND	0.3	ND
Benzoic acid	--	--	ND	ND	ND	ND	ND	5.2 J	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	**1**	**1**	0.18 BJ	ND	ND	0.58 BJ	ND	ND	ND	**120**	ND	ND	ND	ND	ND
Biphenyl	--	--	ND	ND	ND	ND	ND	ND	ND	5.1 J	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)pht	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4 J	ND	ND	ND
Butyl benzyl phthalate	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	ND
Carbazole	--	--	ND	ND	ND	ND	ND	ND	ND	41	10	13	ND	0.13 J	ND
Chrysene	**1**	**56**	0.15 BJ	ND	ND	0.6 BJ	ND	ND	ND	**120**	**44**	**45**	ND	0.63	ND
Dibenzo(a,h)anthracene	**0.33**	**0.56**	**0.035 J**	ND	ND	ND	ND	ND	ND	**12**	**6.6**	ND	ND	0.1 J	ND
Dibenzofuran	--	--	ND	ND	ND	ND	ND	ND	ND	38	7.9	4.4	ND	ND	ND
Diethyl phthalate	--	--	ND	ND	ND	ND	ND	ND	0.086 J	ND	ND	ND	ND	ND	ND
Fluoranthene	**100**	**500**	0.22 B	ND	ND	0.96 BJ	ND	ND	ND	**300**	97	85	ND	1.4	ND
Fluorene	**30**	**500**	0.016 J	ND	ND	ND	ND	ND	ND	**43**	9	ND	ND	0.08 J	ND
Indeno(1,2,3-cd)pyrene	**0.5**	**5.6**	0.092 J B	ND	ND	0.31 BJ	ND	ND	ND	**85**	**24**	ND	ND	0.25	ND
Naphthalene	**12**	**500**	0.1 J	0.0052 J	4.4 J	ND	ND	ND	ND	**51**	**15**	2.2 J	ND	ND	ND
Phenanthrene	**100**	**500**	0.22 B	ND	ND	0.66 BJ	ND	ND	0.17	**300**	67	ND	0.072 J	1.2	ND
Pyrene	**100**	**500**	0.22 B	ND	ND	1 BJ	ND	ND	ND	**210**	84	69	ND	1	ND
TICS	--	--	2.62 J	5.15 J	177.3 J	ND	0.378	--	--	--	--	--	--	--	--
Metals - mg/Kg															
Aluminum	--	--	--	--	--	--	--	2000	5400	4300	4500	--	--	10000	--
Antimony	--	--	--	--	--	--	--	ND	2 J	5.8	9.4	--	--	ND	--
Arsenic	**13**	**16**	8.8	4.5	4.3	5.9	5.1	3.2	3.4	**42**	**86**	--	--	5.9	--
Barium	**350**	**400**	133	112	117	**375**	76.7	83	100	220	240	--	--	61	--
Beryllium	**7.2**	**590**	--	--	--	--	--	0.18 J	0.57	0.57	0.45 J	--	--	0.41 J	--
Cadmium	**2.5**	**9.3**	1.7	ND	0.33	**6**	0.25	0.34 J	0.78 J	**3.4**	**15**	--	--	0.52 J	--
Calcium	--	--	--	--	--	--	--	12000	21000	6200	23000	--	--	73000	--
Chromium	**30**	**1500**	**77.3**	18.8	14.4	**67.6**	15.3	4	12	**57**	**44**	--	--	13	--
Cobalt	--	--	--	--	--	--	--	62	140	18	8.6	--	--	21	--
Copper	**50**	**270**	--	--	--	--	--	29	**87**	**660**	**320**	--	--	36	--
Iron	--	--	--	--	--	--	--	9300	12000	100000	41000	--	--	15000	--
Lead	**63**	**1000**	**1160**	19	1.3	**292**	14	16	48	**670**	**550**	--	--	36	--
Magnesium	--	--	--	--	--	--	--	2700	5200	790	2000	--	--	31000	--
Manganese	**1600**	**10000**	--	--	--	--	--	47	120	530	380	--	--	460	--
Mercury	**0.18**	**2.8**	**4**	ND	**0.083**	**0.35**	ND	ND	0.03 J	**0.99**	**2.2**	--	--	ND	--
Nickel	**30**	**310**	--	--	--	--	--	13	48	30	28	--	--	19	--
Potassium	--	--	--	--	--	--	--	380	950	320	540	--	--	1400	--
Selenium	**3.9**	**1500**	ND	ND	ND	ND	ND	1.2 J	0.36 J	2.1	**6.2**	--	--	0.35 J	--
Silver	**2**	**1500**	ND	ND	ND	0.73	ND	1.6	**9**	**11**	**8**	--	--	0.32 J	--
Sodium	--	--	--	--	--	--	--	150 J	220	140 J	320 J	--	--	190 J	--
Vandium	--	--	--	--	--	--	--	8.3	16	11	15	--	--	20	--
Zinc	**109**	**10000**	--	--	--	--	--	39	80	**410**	**670**	--	--	68	--

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per 6NYCRR Part 375.6.8 (a) Soil Cleanup Objectives - Unrestricted (December 2006)
3. Values per 6NYCRR Part 375.6.8 (b) Soil Cleanup Objectives - Commercial (December 2006).
4. Sample results were reported by the laboratory in ug/kg and converted to mg/Kg for comparison to SCOs.
5. Sample SB-5 was aslo analyzed for polychlorinated biphenyls (PCBs), which were reported as non-detect.

Definitions:

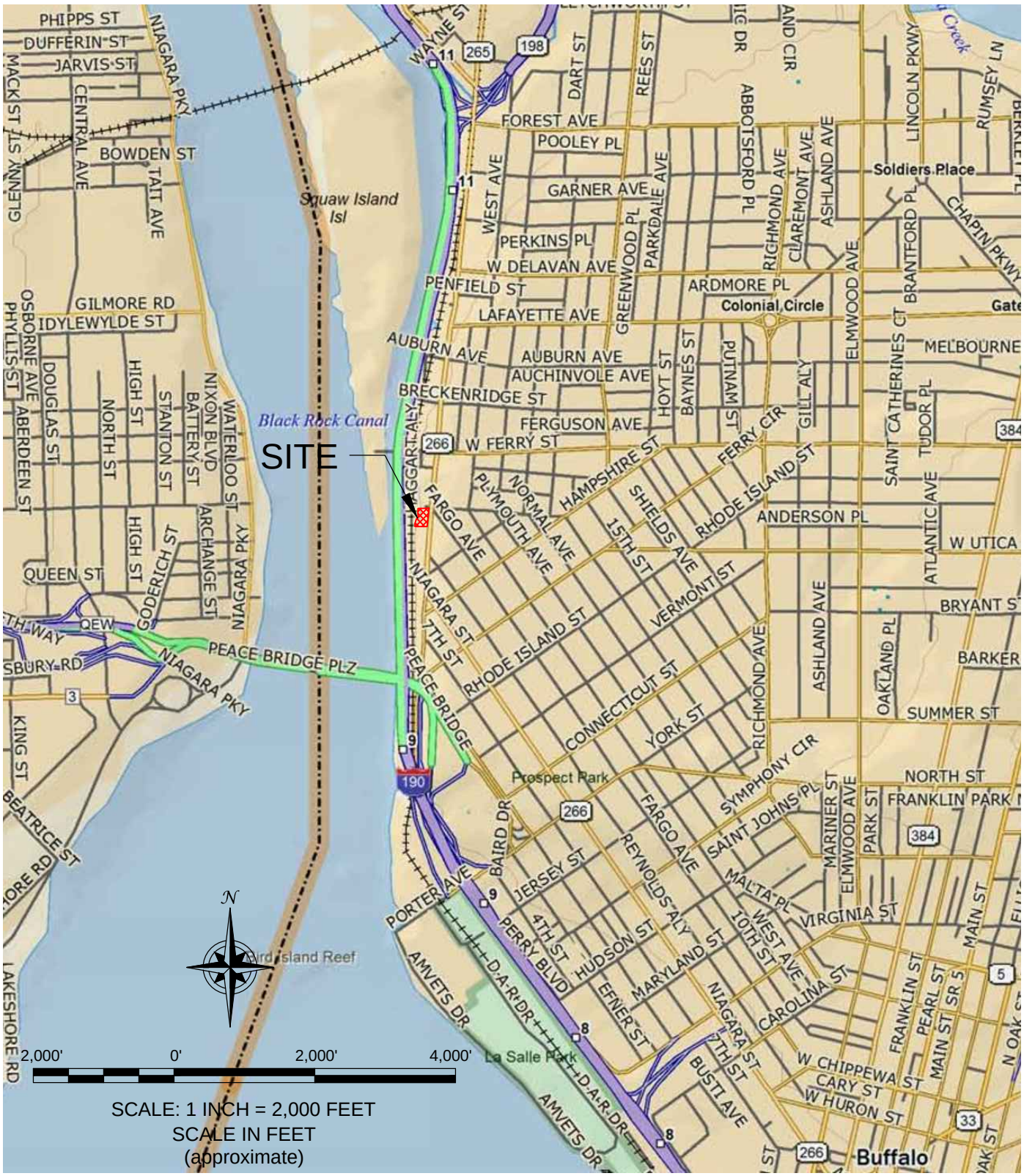
ND = Parameter not detected above laboratory detection limit.
NA = Parameter not Analysed.
"--" = No SCO available.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
B = Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
* = Indicates the spike or duplicate analysis is not within the quality control limits.
D = Analyte was detected after laboratory dilution.

BOLD = Exceeds SCOs Unrestricted Use SCOs
BOLD = ExceedsSCOs Commerical Use SCOs

FIGURES

F:\CAD\TurnKey\Elliott Development\1050-1088 Niagara St\Phase I ESA\Figure 1; Site Location and Vicinity Map.dwg

FIGURE 1



TurnKey Environmental Restoration, LLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

PROJECT NO.: 0136-012-004

DATE: JULY 2012

DRAFTED BY: JGT

SITE LOCATION AND VICINITY MAP

LIMITED PHASE II ENVRIONMENTAL SITE ASSESSMENT

1050-1088 NIAGARA STREET SITE

BUFFALO, NEW YORK

PREPARED FOR

9271 GROUP, LLC

F:\CAD\TurnKey\Ellicott Development\1050-1088 Niagara St\Additional Phase II Work\1050-1088 Niagara IRM Base Map.dwg

DATE: JULY 2013
DRAFTED BY: JGT

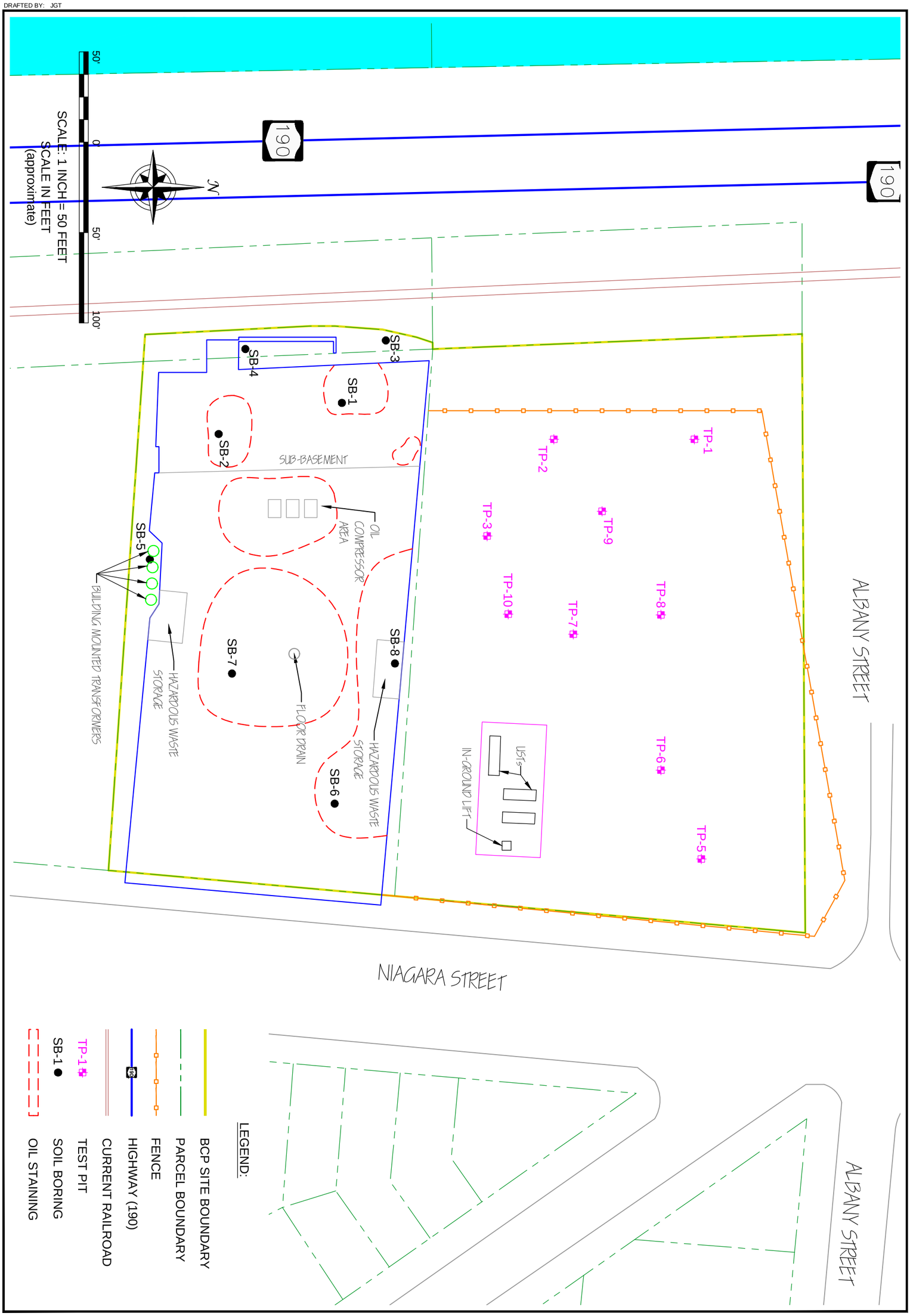


FIGURE 2

SAMPLE LOCATIONS

PHASE II INVESTIGATION

1050-1088 NIAGARA STREET SITE

BUFFALO, NEW YORK

PREPARED FOR

9271 GROUP, LLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

JOB NO.: 0136-013-005

ATTACHMENT 1

LABORATORY ANALYTICAL REPORT

ANALYTICAL REPORT

Lab Number:	L1313385
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Mike Lesakowski
Phone:	(716) 856-0599
Project Name:	1050 NIAGARA ST.
Project Number:	0136-013-005
Report Date:	07/24/13

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

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

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1313385-01	SB-1 (.5-1)	1050 NIAGARA ST.	07/15/13 10:20
L1313385-02	SB-2 (.5-1)	1050 NIAGARA ST.	07/15/13 10:52
L1313385-03	SB-3 (0-.5)	1050 NIAGARA ST.	07/15/13 10:25
L1313385-04	SB-4 (0-.5)	1050 NIAGARA ST.	07/15/13 10:50
L1313385-05	SB-5 (.5-1)	1050 NIAGARA ST.	07/15/13 14:30
L1313385-06	SB-6 (.5-1)	1050 NIAGARA ST.	07/15/13 14:00
L1313385-07	SB-7 (.5-1)	1050 NIAGARA ST.	07/15/13 12:20
L1313385-08	SB-8 (.5-1)	1050 NIAGARA ST.	07/15/13 13:00

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385
Project Number: 0136-013-005 **Report Date:** 07/24/13

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

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

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385
Project Number: 0136-013-005 **Report Date:** 07/24/13

Case Narrative (continued)

Report Submission

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

Semivolatile Organics

L1313385-01 has elevated detection limits due to the dilution required by matrix interferences encountered during the concentration of the sample.

The surrogate recoveries for L1313385-03 and -04 are below the acceptance criteria for 2-Fluorophenol, Phenol-d6, Nitrobenzene-d5, 2-Fluorobiphenyl, and 4-Terphenyl-d14 (all at 0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Metals

L1313385-01 through -04, and -07 have elevated detection limits for all elements, with the exception of Mercury, due to the dilutions required by matrix interferences encountered during analysis.

L1313385-03, -04, and -07 have elevated detection limits for Sodium due to the dilutions required by matrix interferences encountered during analysis.

The WG622605-1 Method Blank, associated with L1313385-01 through -04 and -07, has a concentration above the reporting limit for Calcium. Since the associated sample concentrations are greater than 5x the blank concentration for this analyte, no qualification of the results was performed.

The WG622815-4 MS recovery, performed on L1313385-03, is above the acceptance criteria for Mercury (466%). A post digestion spike was performed with an acceptable recovery of 105%.

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

Authorized Signature: Lisa Westerlind

Title: Technical Director/Representative Date: 07/24/13

ORGANICS

SEMIVOLATILES

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID:	L1313385-01	Date Collected:	07/15/13 10:20
Client ID:	SB-1 (.5-1)	Date Received:	07/16/13
Sample Location:	1050 NIAGARA ST.	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	07/17/13 17:13
Analytical Date:	07/23/13 14:53		
Analyst:	RC		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1400	360	9
1,2,4-Trichlorobenzene	ND		ug/kg	1800	580	9
Hexachlorobenzene	ND		ug/kg	1000	330	9
Bis(2-chloroethyl)ether	ND		ug/kg	1600	490	9
2-Chloronaphthalene	ND		ug/kg	1800	570	9
1,2-Dichlorobenzene	ND		ug/kg	1800	580	9
1,3-Dichlorobenzene	ND		ug/kg	1800	560	9
1,4-Dichlorobenzene	ND		ug/kg	1800	540	9
3,3'-Dichlorobenzidine	ND		ug/kg	1800	470	9
2,4-Dinitrotoluene	ND		ug/kg	1800	380	9
2,6-Dinitrotoluene	ND		ug/kg	1800	450	9
Fluoranthene	ND		ug/kg	1000	320	9
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	540	9
4-Bromophenyl phenyl ether	ND		ug/kg	1800	400	9
Bis(2-chloroisopropyl)ether	ND		ug/kg	2100	620	9
Bis(2-chloroethoxy)methane	ND		ug/kg	1900	530	9
Hexachlorobutadiene	ND		ug/kg	1800	500	9
Hexachlorocyclopentadiene	ND		ug/kg	5000	1100	9
Hexachloroethane	ND		ug/kg	1400	320	9
Isophorone	ND		ug/kg	1600	470	9
Naphthalene	ND		ug/kg	1800	580	9
Nitrobenzene	ND		ug/kg	1600	420	9
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	1400	370	9
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	520	9
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	1800	460	9
Butyl benzyl phthalate	ND		ug/kg	1800	340	9
Di-n-butylphthalate	ND		ug/kg	1800	340	9
Di-n-octylphthalate	ND		ug/kg	1800	430	9
Diethyl phthalate	ND		ug/kg	1800	370	9
Dimethyl phthalate	ND		ug/kg	1800	450	9
Benzo(a)anthracene	ND		ug/kg	1000	340	9

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-01 Date Collected: 07/15/13 10:20

Client ID: SB-1 (.5-1) Date Received: 07/16/13

Sample Location: 1050 NIAGARA ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	1400	430	9
Benzo(b)fluoranthene	ND		ug/kg	1000	360	9
Benzo(k)fluoranthene	ND		ug/kg	1000	340	9
Chrysene	ND		ug/kg	1000	350	9
Acenaphthylene	ND		ug/kg	1400	330	9
Anthracene	ND		ug/kg	1000	290	9
Benzo(ghi)perylene	ND		ug/kg	1400	370	9
Fluorene	ND		ug/kg	1800	500	9
Phenanthrene	ND		ug/kg	1000	340	9
Dibenzo(a,h)anthracene	ND		ug/kg	1000	340	9
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	1400	390	9
Pyrene	ND		ug/kg	1000	340	9
Biphenyl	ND		ug/kg	4000	580	9
4-Chloroaniline	ND		ug/kg	1800	460	9
2-Nitroaniline	ND		ug/kg	1800	500	9
3-Nitroaniline	ND		ug/kg	1800	490	9
4-Nitroaniline	ND		ug/kg	1800	480	9
Dibenzofuran	ND		ug/kg	1800	590	9
2-Methylnaphthalene	ND		ug/kg	2100	560	9
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	550	9
Acetophenone	ND		ug/kg	1800	550	9
2,4,6-Trichlorophenol	ND		ug/kg	1000	330	9
P-Chloro-M-Cresol	ND		ug/kg	1800	510	9
2-Chlorophenol	ND		ug/kg	1800	530	9
2,4-Dichlorophenol	ND		ug/kg	1600	570	9
2,4-Dimethylphenol	ND		ug/kg	1800	520	9
2-Nitrophenol	ND		ug/kg	3800	550	9
4-Nitrophenol	ND		ug/kg	2500	570	9
2,4-Dinitrophenol	ND		ug/kg	8500	2400	9
4,6-Dinitro-o-cresol	ND		ug/kg	4600	640	9
Pentachlorophenol	ND		ug/kg	1400	380	9
Phenol	ND		ug/kg	1800	520	9
2-Methylphenol	ND		ug/kg	1800	570	9
3-Methylphenol/4-Methylphenol	ND		ug/kg	2500	580	9
2,4,5-Trichlorophenol	ND		ug/kg	1800	570	9
Benzoic Acid	5200	J	ug/kg	5700	1800	9
Benzyl Alcohol	ND		ug/kg	1800	540	9
Carbazole	ND		ug/kg	1800	380	9

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-01 Date Collected: 07/15/13 10:20

Client ID: SB-1 (.5-1) Date Received: 07/16/13

Sample Location: 1050 NIAGARA ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	94		0-136
4-Terphenyl-d14	62		18-120

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID:	L1313385-02	Date Collected:	07/15/13 10:52
Client ID:	SB-2 (.5-1)	Date Received:	07/16/13
Sample Location:	1050 NIAGARA ST.	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	07/17/13 17:13
Analytical Date:	07/23/13 15:22		
Analyst:	RC		
Percent Solids:	80%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	66.	1
Hexachlorobenzene	ND		ug/kg	120	38.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	57.	1
2-Chloronaphthalene	ND		ug/kg	200	66.	1
1,2-Dichlorobenzene	ND		ug/kg	200	67.	1
1,3-Dichlorobenzene	ND		ug/kg	200	64.	1
1,4-Dichlorobenzene	ND		ug/kg	200	62.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	44.	1
2,6-Dinitrotoluene	ND		ug/kg	200	52.	1
Fluoranthene	ND		ug/kg	120	37.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	62.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	47.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	71.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	61.	1
Hexachlorobutadiene	ND		ug/kg	200	57.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	130	1
Hexachloroethane	ND		ug/kg	160	37.	1
Isophorone	ND		ug/kg	180	54.	1
Naphthalene	ND		ug/kg	200	67.	1
Nitrobenzene	ND		ug/kg	180	48.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	43.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	60.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	200	53.	1
Butyl benzyl phthalate	ND		ug/kg	200	40.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	50.	1
Diethyl phthalate	86	J	ug/kg	200	43.	1
Dimethyl phthalate	ND		ug/kg	200	52.	1
Benzo(a)anthracene	ND		ug/kg	120	40.	1

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-02 Date Collected: 07/15/13 10:52

Client ID: SB-2 (.5-1) Date Received: 07/16/13

Sample Location: 1050 NIAGARA ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	41.	1
Benzo(k)fluoranthene	ND		ug/kg	120	39.	1
Chrysene	ND		ug/kg	120	40.	1
Acenaphthylene	ND		ug/kg	160	38.	1
Anthracene	ND		ug/kg	120	34.	1
Benzo(ghi)perylene	ND		ug/kg	160	42.	1
Fluorene	ND		ug/kg	200	58.	1
Phenanthrene	170		ug/kg	120	40.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	39.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	45.	1
Pyrene	ND		ug/kg	120	39.	1
Biphenyl	ND		ug/kg	460	67.	1
4-Chloroaniline	ND		ug/kg	200	54.	1
2-Nitroaniline	ND		ug/kg	200	57.	1
3-Nitroaniline	ND		ug/kg	200	56.	1
4-Nitroaniline	ND		ug/kg	200	55.	1
Dibenzofuran	ND		ug/kg	200	68.	1
2-Methylnaphthalene	ND		ug/kg	240	65.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	63.	1
Acetophenone	ND		ug/kg	200	63.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
P-Chloro-M-Cresol	ND		ug/kg	200	59.	1
2-Chlorophenol	ND		ug/kg	200	61.	1
2,4-Dichlorophenol	ND		ug/kg	180	66.	1
2,4-Dimethylphenol	ND		ug/kg	200	60.	1
2-Nitrophenol	ND		ug/kg	440	63.	1
4-Nitrophenol	ND		ug/kg	280	66.	1
2,4-Dinitrophenol	ND		ug/kg	970	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	74.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	60.	1
2-Methylphenol	ND		ug/kg	200	65.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	66.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	66.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	44.	1

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-02 Date Collected: 07/15/13 10:52

Client ID: SB-2 (.5-1) Date Received: 07/16/13

Sample Location: 1050 NIAGARA ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	113		0-136
4-Terphenyl-d14	88		18-120

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID:	L1313385-03	D	Date Collected:	07/15/13 10:25
Client ID:	SB-3 (0-.5)		Date Received:	07/16/13
Sample Location:	1050 NIAGARA ST.		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270D		Extraction Date:	07/17/13 17:13
Analytical Date:	07/23/13 20:18			
Analyst:	RC			
Percent Solids:	80%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	39000		ug/kg	12000	3100	75
1,2,4-Trichlorobenzene	ND		ug/kg	15000	5000	75
Hexachlorobenzene	ND		ug/kg	9100	2800	75
Bis(2-chloroethyl)ether	ND		ug/kg	14000	4300	75
2-Chloronaphthalene	ND		ug/kg	15000	5000	75
1,2-Dichlorobenzene	ND		ug/kg	15000	5000	75
1,3-Dichlorobenzene	ND		ug/kg	15000	4800	75
1,4-Dichlorobenzene	ND		ug/kg	15000	4600	75
3,3'-Dichlorobenzidine	ND		ug/kg	15000	4000	75
2,4-Dinitrotoluene	ND		ug/kg	15000	3300	75
2,6-Dinitrotoluene	ND		ug/kg	15000	3900	75
Fluoranthene	300000		ug/kg	9100	2800	75
4-Chlorophenyl phenyl ether	ND		ug/kg	15000	4600	75
4-Bromophenyl phenyl ether	ND		ug/kg	15000	3500	75
Bis(2-chloroisopropyl)ether	ND		ug/kg	18000	5400	75
Bis(2-chloroethoxy)methane	ND		ug/kg	16000	4600	75
Hexachlorobutadiene	ND		ug/kg	15000	4300	75
Hexachlorocyclopentadiene	ND		ug/kg	44000	9800	75
Hexachloroethane	ND		ug/kg	12000	2800	75
Isophorone	ND		ug/kg	14000	4000	75
Naphthalene	51000		ug/kg	15000	5100	75
Nitrobenzene	ND		ug/kg	14000	3600	75
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	12000	3200	75
n-Nitrosodi-n-propylamine	ND		ug/kg	15000	4500	75
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	15000	4000	75
Butyl benzyl phthalate	ND		ug/kg	15000	3000	75
Di-n-butylphthalate	ND		ug/kg	15000	2900	75
Di-n-octylphthalate	ND		ug/kg	15000	3700	75
Diethyl phthalate	ND		ug/kg	15000	3200	75
Dimethyl phthalate	ND		ug/kg	15000	3900	75
Benzo(a)anthracene	130000		ug/kg	9100	3000	75

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-03 D Date Collected: 07/15/13 10:25

Client ID: SB-3 (0-.5) Date Received: 07/16/13

Sample Location: 1050 NIAGARA ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	120000		ug/kg	12000	3700	75
Benzo(b)fluoranthene	120000		ug/kg	9100	3100	75
Benzo(k)fluoranthene	110000		ug/kg	9100	2900	75
Chrysene	120000		ug/kg	9100	3000	75
Acenaphthylene	ND		ug/kg	12000	2800	75
Anthracene	60000		ug/kg	9100	2500	75
Benzo(ghi)perylene	67000		ug/kg	12000	3200	75
Fluorene	43000		ug/kg	15000	4400	75
Phenanthrene	300000		ug/kg	9100	3000	75
Dibenzo(a,h)anthracene	12000		ug/kg	9100	3000	75
Indeno(1,2,3-cd)Pyrene	85000		ug/kg	12000	3400	75
Pyrene	210000		ug/kg	9100	3000	75
Biphenyl	5100	J	ug/kg	35000	5000	75
4-Chloroaniline	ND		ug/kg	15000	4000	75
2-Nitroaniline	ND		ug/kg	15000	4300	75
3-Nitroaniline	ND		ug/kg	15000	4200	75
4-Nitroaniline	ND		ug/kg	15000	4100	75
Dibenzofuran	38000		ug/kg	15000	5100	75
2-Methylnaphthalene	25000		ug/kg	18000	4900	75
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	15000	4700	75
Acetophenone	ND		ug/kg	15000	4700	75
2,4,6-Trichlorophenol	ND		ug/kg	9100	2900	75
P-Chloro-M-Cresol	ND		ug/kg	15000	4400	75
2-Chlorophenol	ND		ug/kg	15000	4600	75
2,4-Dichlorophenol	ND		ug/kg	14000	4900	75
2,4-Dimethylphenol	ND		ug/kg	15000	4500	75
2-Nitrophenol	ND		ug/kg	33000	4800	75
4-Nitrophenol	ND		ug/kg	21000	4900	75
2,4-Dinitrophenol	ND		ug/kg	73000	21000	75
4,6-Dinitro-o-cresol	ND		ug/kg	40000	5600	75
Pentachlorophenol	ND		ug/kg	12000	3300	75
Phenol	ND		ug/kg	15000	4500	75
2-Methylphenol	ND		ug/kg	15000	4900	75
3-Methylphenol/4-Methylphenol	ND		ug/kg	22000	5000	75
2,4,5-Trichlorophenol	ND		ug/kg	15000	4900	75
Benzoic Acid	ND		ug/kg	49000	15000	75
Benzyl Alcohol	ND		ug/kg	15000	4700	75
Carbazole	41000		ug/kg	15000	3300	75

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-03 D
Client ID: SB-3 (0-.5)
Sample Location: 1050 NIAGARA ST.

Date Collected: 07/15/13 10:25
Date Received: 07/16/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	0		0-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID:	L1313385-04	D	Date Collected:	07/15/13 10:50
Client ID:	SB-4 (0-.5)		Date Received:	07/16/13
Sample Location:	1050 NIAGARA ST.		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270D		Extraction Date:	07/17/13 17:13
Analytical Date:	07/23/13 15:06			
Analyst:	RC			
Percent Solids:	66%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	7000		ug/kg	3900	1000	20
1,2,4-Trichlorobenzene	ND		ug/kg	4900	1600	20
Hexachlorobenzene	ND		ug/kg	3000	920	20
Bis(2-chloroethyl)ether	ND		ug/kg	4400	1400	20
2-Chloronaphthalene	ND		ug/kg	4900	1600	20
1,2-Dichlorobenzene	ND		ug/kg	4900	1600	20
1,3-Dichlorobenzene	ND		ug/kg	4900	1600	20
1,4-Dichlorobenzene	ND		ug/kg	4900	1500	20
3,3'-Dichlorobenzidine	ND		ug/kg	4900	1300	20
2,4-Dinitrotoluene	ND		ug/kg	4900	1100	20
2,6-Dinitrotoluene	ND		ug/kg	4900	1200	20
Fluoranthene	97000		ug/kg	3000	900	20
4-Chlorophenyl phenyl ether	ND		ug/kg	4900	1500	20
4-Bromophenyl phenyl ether	ND		ug/kg	4900	1100	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	5900	1700	20
Bis(2-chloroethoxy)methane	ND		ug/kg	5300	1500	20
Hexachlorobutadiene	ND		ug/kg	4900	1400	20
Hexachlorocyclopentadiene	ND		ug/kg	14000	3200	20
Hexachloroethane	ND		ug/kg	3900	890	20
Isophorone	ND		ug/kg	4400	1300	20
Naphthalene	15000		ug/kg	4900	1600	20
Nitrobenzene	ND		ug/kg	4400	1200	20
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	3900	1000	20
n-Nitrosodi-n-propylamine	ND		ug/kg	4900	1500	20
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	4900	1300	20
Butyl benzyl phthalate	ND		ug/kg	4900	960	20
Di-n-butylphthalate	ND		ug/kg	4900	950	20
Di-n-octylphthalate	ND		ug/kg	4900	1200	20
Diethyl phthalate	ND		ug/kg	4900	1000	20
Dimethyl phthalate	ND		ug/kg	4900	1200	20
Benzo(a)anthracene	46000		ug/kg	3000	960	20

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-04 D Date Collected: 07/15/13 10:50

Client ID: SB-4 (0-.5) Date Received: 07/16/13

Sample Location: 1050 NIAGARA ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	39000		ug/kg	3900	1200	20
Benzo(b)fluoranthene	36000		ug/kg	3000	990	20
Benzo(k)fluoranthene	33000		ug/kg	3000	940	20
Chrysene	44000		ug/kg	3000	960	20
Acenaphthylene	6200		ug/kg	3900	920	20
Anthracene	18000		ug/kg	3000	820	20
Benzo(ghi)perylene	21000		ug/kg	3900	1000	20
Fluorene	9000		ug/kg	4900	1400	20
Phenanthrene	67000		ug/kg	3000	960	20
Dibenzo(a,h)anthracene	6600		ug/kg	3000	950	20
Indeno(1,2,3-cd)Pyrene	24000		ug/kg	3900	1100	20
Pyrene	84000		ug/kg	3000	960	20
Biphenyl	ND		ug/kg	11000	1600	20
4-Chloroaniline	ND		ug/kg	4900	1300	20
2-Nitroaniline	ND		ug/kg	4900	1400	20
3-Nitroaniline	ND		ug/kg	4900	1400	20
4-Nitroaniline	ND		ug/kg	4900	1300	20
Dibenzofuran	7900		ug/kg	4900	1600	20
2-Methylnaphthalene	5900		ug/kg	5900	1600	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	4900	1500	20
Acetophenone	ND		ug/kg	4900	1500	20
2,4,6-Trichlorophenol	ND		ug/kg	3000	930	20
P-Chloro-M-Cresol	ND		ug/kg	4900	1400	20
2-Chlorophenol	ND		ug/kg	4900	1500	20
2,4-Dichlorophenol	ND		ug/kg	4400	1600	20
2,4-Dimethylphenol	ND		ug/kg	4900	1500	20
2-Nitrophenol	ND		ug/kg	11000	1500	20
4-Nitrophenol	ND		ug/kg	6900	1600	20
2,4-Dinitrophenol	ND		ug/kg	24000	6700	20
4,6-Dinitro-o-cresol	ND		ug/kg	13000	1800	20
Pentachlorophenol	ND		ug/kg	3900	1000	20
Phenol	ND		ug/kg	4900	1400	20
2-Methylphenol	ND		ug/kg	4900	1600	20
3-Methylphenol/4-Methylphenol	ND		ug/kg	7100	1600	20
2,4,5-Trichlorophenol	ND		ug/kg	4900	1600	20
Benzoic Acid	ND		ug/kg	16000	5000	20
Benzyl Alcohol	ND		ug/kg	4900	1500	20
Carbazole	10000		ug/kg	4900	1000	20

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-04 D
Client ID: SB-4 (0-.5)
Sample Location: 1050 NIAGARA ST.

Date Collected: 07/15/13 10:50
Date Received: 07/16/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	0		0-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID:	L1313385-06	Date Collected:	07/15/13 14:00
Client ID:	SB-6 (.5-1)	Date Received:	07/16/13
Sample Location:	1050 NIAGARA ST.	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	07/17/13 17:13
Analytical Date:	07/23/13 13:27		
Analyst:	RC		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	41.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	65.	1
Hexachlorobenzene	ND		ug/kg	120	37.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	56.	1
2-Chloronaphthalene	ND		ug/kg	200	65.	1
1,2-Dichlorobenzene	ND		ug/kg	200	65.	1
1,3-Dichlorobenzene	ND		ug/kg	200	63.	1
1,4-Dichlorobenzene	ND		ug/kg	200	60.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	43.	1
2,6-Dinitrotoluene	ND		ug/kg	200	51.	1
Fluoranthene	ND		ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	60.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	70.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	60.	1
Hexachlorobutadiene	ND		ug/kg	200	56.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	130	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	53.	1
Naphthalene	ND		ug/kg	200	66.	1
Nitrobenzene	ND		ug/kg	180	47.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	42.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	59.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	200	52.	1
Butyl benzyl phthalate	ND		ug/kg	200	39.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	49.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	50.	1
Benzo(a)anthracene	ND		ug/kg	120	39.	1

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-06 Date Collected: 07/15/13 14:00

Client ID: SB-6 (.5-1) Date Received: 07/16/13

Sample Location: 1050 NIAGARA ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	40.	1
Benzo(k)fluoranthene	ND		ug/kg	120	38.	1
Chrysene	ND		ug/kg	120	39.	1
Acenaphthylene	ND		ug/kg	160	37.	1
Anthracene	ND		ug/kg	120	33.	1
Benzo(ghi)perylene	ND		ug/kg	160	41.	1
Fluorene	ND		ug/kg	200	57.	1
Phenanthrene	72	J	ug/kg	120	39.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	38.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	44.	1
Pyrene	ND		ug/kg	120	39.	1
Biphenyl	ND		ug/kg	450	66.	1
4-Chloroaniline	ND		ug/kg	200	52.	1
2-Nitroaniline	ND		ug/kg	200	56.	1
3-Nitroaniline	ND		ug/kg	200	55.	1
4-Nitroaniline	ND		ug/kg	200	54.	1
Dibenzofuran	ND		ug/kg	200	66.	1
2-Methylnaphthalene	ND		ug/kg	240	64.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	62.	1
Acetophenone	ND		ug/kg	200	62.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
P-Chloro-M-Cresol	ND		ug/kg	200	58.	1
2-Chlorophenol	ND		ug/kg	200	60.	1
2,4-Dichlorophenol	ND		ug/kg	180	64.	1
2,4-Dimethylphenol	ND		ug/kg	200	59.	1
2-Nitrophenol	ND		ug/kg	430	62.	1
4-Nitrophenol	ND		ug/kg	280	64.	1
2,4-Dinitrophenol	ND		ug/kg	960	270	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	73.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	59.	1
2-Methylphenol	ND		ug/kg	200	64.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	65.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	64.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	43.	1

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID:	L1313385-06	Date Collected:	07/15/13 14:00
Client ID:	SB-6 (.5-1)	Date Received:	07/16/13
Sample Location:	1050 NIAGARA ST.	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	85		0-136
4-Terphenyl-d14	84		18-120

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID:	L1313385-07	Date Collected:	07/15/13 12:20
Client ID:	SB-7 (.5-1)	Date Received:	07/16/13
Sample Location:	1050 NIAGARA ST.	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	07/17/13 17:13
Analytical Date:	07/23/13 13:55		
Analyst:	RC		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	96	J	ug/kg	160	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	64.	1
Hexachlorobenzene	ND		ug/kg	120	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	63.	1
1,2-Dichlorobenzene	69	J	ug/kg	190	64.	1
1,3-Dichlorobenzene	80	J	ug/kg	190	61.	1
1,4-Dichlorobenzene	ND		ug/kg	190	59.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	42.	1
2,6-Dinitrotoluene	ND		ug/kg	190	50.	1
Fluoranthene	1400		ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	59.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	45.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	68.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	59.	1
Hexachlorobutadiene	ND		ug/kg	190	55.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	120	1
Hexachloroethane	ND		ug/kg	160	35.	1
Isophorone	ND		ug/kg	170	52.	1
Naphthalene	ND		ug/kg	190	64.	1
Nitrobenzene	ND		ug/kg	170	46.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	41.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	58.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	51.	1
Butyl benzyl phthalate	ND		ug/kg	190	38.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	48.	1
Diethyl phthalate	ND		ug/kg	190	41.	1
Dimethyl phthalate	ND		ug/kg	190	49.	1
Benzo(a)anthracene	590		ug/kg	120	38.	1

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-07 Date Collected: 07/15/13 12:20

Client ID: SB-7 (.5-1) Date Received: 07/16/13

Sample Location: 1050 NIAGARA ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	400		ug/kg	160	47.	1
Benzo(b)fluoranthene	650		ug/kg	120	39.	1
Benzo(k)fluoranthene	220		ug/kg	120	37.	1
Chrysene	630		ug/kg	120	38.	1
Acenaphthylene	ND		ug/kg	160	36.	1
Anthracene	180		ug/kg	120	32.	1
Benzo(ghi)perylene	300		ug/kg	160	40.	1
Fluorene	80	J	ug/kg	190	56.	1
Phenanthrene	1200		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	120	38.	1
Indeno(1,2,3-cd)Pyrene	250		ug/kg	160	43.	1
Pyrene	1000		ug/kg	120	38.	1
Biphenyl	ND		ug/kg	440	64.	1
4-Chloroaniline	ND		ug/kg	190	51.	1
2-Nitroaniline	ND		ug/kg	190	55.	1
3-Nitroaniline	ND		ug/kg	190	54.	1
4-Nitroaniline	ND		ug/kg	190	52.	1
Dibenzofuran	ND		ug/kg	190	65.	1
2-Methylnaphthalene	ND		ug/kg	230	62.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	60.	1
Acetophenone	ND		ug/kg	190	60.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	56.	1
2-Chlorophenol	ND		ug/kg	190	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	63.	1
2,4-Dimethylphenol	ND		ug/kg	190	58.	1
2-Nitrophenol	ND		ug/kg	420	60.	1
4-Nitrophenol	ND		ug/kg	270	63.	1
2,4-Dinitrophenol	ND		ug/kg	930	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	71.	1
Pentachlorophenol	ND		ug/kg	160	42.	1
Phenol	ND		ug/kg	190	57.	1
2-Methylphenol	ND		ug/kg	190	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	64.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	63.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	130	J	ug/kg	190	42.	1

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID:	L1313385-07	Date Collected:	07/15/13 12:20
Client ID:	SB-7 (.5-1)	Date Received:	07/16/13
Sample Location:	1050 NIAGARA ST.	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	95		0-136
4-Terphenyl-d14	89		18-120

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID:	L1313385-08	Date Collected:	07/15/13 13:00
Client ID:	SB-8 (.5-1)	Date Received:	07/16/13
Sample Location:	1050 NIAGARA ST.	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	07/17/13 17:13
Analytical Date:	07/23/13 14:24		
Analyst:	RC		
Percent Solids:	80%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	43.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	68.	1
Hexachlorobenzene	ND		ug/kg	120	39.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	58.	1
2-Chloronaphthalene	ND		ug/kg	210	68.	1
1,2-Dichlorobenzene	ND		ug/kg	210	68.	1
1,3-Dichlorobenzene	ND		ug/kg	210	66.	1
1,4-Dichlorobenzene	ND		ug/kg	210	63.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	45.	1
2,6-Dinitrotoluene	ND		ug/kg	210	53.	1
Fluoranthene	ND		ug/kg	120	38.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	63.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	48.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	73.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	63.	1
Hexachlorobutadiene	ND		ug/kg	210	59.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	130	1
Hexachloroethane	ND		ug/kg	170	38.	1
Isophorone	ND		ug/kg	190	55.	1
Naphthalene	ND		ug/kg	210	69.	1
Nitrobenzene	ND		ug/kg	190	50.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	170	44.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	62.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	210	55.	1
Butyl benzyl phthalate	ND		ug/kg	210	41.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	51.	1
Diethyl phthalate	ND		ug/kg	210	44.	1
Dimethyl phthalate	ND		ug/kg	210	53.	1
Benzo(a)anthracene	ND		ug/kg	120	41.	1

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-08 Date Collected: 07/15/13 13:00

Client ID: SB-8 (.5-1) Date Received: 07/16/13

Sample Location: 1050 NIAGARA ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	ND		ug/kg	120	42.	1
Benzo(k)fluoranthene	ND		ug/kg	120	40.	1
Chrysene	ND		ug/kg	120	41.	1
Acenaphthylene	ND		ug/kg	170	39.	1
Anthracene	ND		ug/kg	120	35.	1
Benzo(ghi)perylene	ND		ug/kg	170	43.	1
Fluorene	ND		ug/kg	210	60.	1
Phenanthrene	ND		ug/kg	120	41.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	40.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	170	46.	1
Pyrene	ND		ug/kg	120	40.	1
Biphenyl	ND		ug/kg	480	69.	1
4-Chloroaniline	ND		ug/kg	210	55.	1
2-Nitroaniline	ND		ug/kg	210	59.	1
3-Nitroaniline	ND		ug/kg	210	58.	1
4-Nitroaniline	ND		ug/kg	210	56.	1
Dibenzofuran	ND		ug/kg	210	70.	1
2-Methylnaphthalene	ND		ug/kg	250	67.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	65.	1
Acetophenone	ND		ug/kg	210	65.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
P-Chloro-M-Cresol	ND		ug/kg	210	60.	1
2-Chlorophenol	ND		ug/kg	210	63.	1
2,4-Dichlorophenol	ND		ug/kg	190	68.	1
2,4-Dimethylphenol	ND		ug/kg	210	62.	1
2-Nitrophenol	ND		ug/kg	450	65.	1
4-Nitrophenol	ND		ug/kg	290	68.	1
2,4-Dinitrophenol	ND		ug/kg	1000	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	76.	1
Pentachlorophenol	ND		ug/kg	170	45.	1
Phenol	ND		ug/kg	210	62.	1
2-Methylphenol	ND		ug/kg	210	67.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	68.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	68.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	45.	1

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID:	L1313385-08	Date Collected:	07/15/13 13:00
Client ID:	SB-8 (.5-1)	Date Received:	07/16/13
Sample Location:	1050 NIAGARA ST.	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	89		0-136
4-Terphenyl-d14	79		18-120

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/18/13 12:25
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/17/13 17:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-08 Batch: WG622369-1					
Acenaphthene	ND		ug/kg	130	34.
1,2,4-Trichlorobenzene	ND		ug/kg	170	55.
Hexachlorobenzene	ND		ug/kg	100	31.
Bis(2-chloroethyl)ether	ND		ug/kg	150	47.
2-Chloronaphthalene	ND		ug/kg	170	54.
1,2-Dichlorobenzene	ND		ug/kg	170	55.
1,3-Dichlorobenzene	ND		ug/kg	170	52.
1,4-Dichlorobenzene	ND		ug/kg	170	51.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	36.
2,6-Dinitrotoluene	ND		ug/kg	170	43.
Fluoranthene	ND		ug/kg	100	31.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	51.
4-Bromophenyl phenyl ether	ND		ug/kg	170	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	59.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	170	47.
Hexachlorocyclopentadiene	ND		ug/kg	480	110
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Naphthalene	ND		ug/kg	170	55.
Nitrobenzene	ND		ug/kg	150	40.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	35.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	50.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	44.
Butyl benzyl phthalate	ND		ug/kg	170	32.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	41.
Diethyl phthalate	ND		ug/kg	170	35.
Dimethyl phthalate	ND		ug/kg	170	42.

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/18/13 12:25
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/17/13 17:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-08 Batch: WG622369-1					
Benzo(a)anthracene	ND		ug/kg	100	33.
Benzo(a)pyrene	ND		ug/kg	130	41.
Benzo(b)fluoranthene	ND		ug/kg	100	34.
Benzo(k)fluoranthene	ND		ug/kg	100	32.
Chrysene	ND		ug/kg	100	33.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	100	28.
Benzo(ghi)perylene	ND		ug/kg	130	35.
Fluorene	ND		ug/kg	170	48.
Phenanthrene	ND		ug/kg	100	33.
Dibenzo(a,h)anthracene	ND		ug/kg	100	32.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	37.
Pyrene	ND		ug/kg	100	32.
Biphenyl	ND		ug/kg	380	55.
4-Chloroaniline	ND		ug/kg	170	44.
2-Nitroaniline	ND		ug/kg	170	47.
3-Nitroaniline	ND		ug/kg	170	46.
4-Nitroaniline	ND		ug/kg	170	45.
Dibenzofuran	ND		ug/kg	170	56.
2-Methylnaphthalene	ND		ug/kg	200	53.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	52.
Acetophenone	ND		ug/kg	170	52.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
P-Chloro-M-Cresol	ND		ug/kg	170	48.
2-Chlorophenol	ND		ug/kg	170	50.
2,4-Dichlorophenol	ND		ug/kg	150	54.
2,4-Dimethylphenol	ND		ug/kg	170	50.
2-Nitrophenol	ND		ug/kg	360	52.
4-Nitrophenol	ND		ug/kg	230	54.
2,4-Dinitrophenol	ND		ug/kg	800	230

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/18/13 12:25
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/17/13 17:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-08 Batch: WG622369-1					
4,6-Dinitro-o-cresol	ND		ug/kg	430	61.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	170	49.
2-Methylphenol	ND		ug/kg	170	54.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	55.
2,4,5-Trichlorophenol	ND		ug/kg	170	54.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	36.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	102		0-136
4-Terphenyl-d14	93		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1050 NIAGARA ST.

Project Number: 0136-013-005

Lab Number: L1313385

Report Date: 07/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-08 Batch: WG622369-2 WG622369-3								
Acenaphthene	93		90		31-137	3		50
1,2,4-Trichlorobenzene	92		94		38-107	2		50
Hexachlorobenzene	108		105		40-140	3		50
Bis(2-chloroethyl)ether	70		71		40-140	1		50
2-Chloronaphthalene	89		87		40-140	2		50
1,2-Dichlorobenzene	81		84		40-140	4		50
1,3-Dichlorobenzene	79		82		40-140	4		50
1,4-Dichlorobenzene	78		81		28-104	4		50
3,3'-Dichlorobenzidine	86		79		40-140	8		50
2,4-Dinitrotoluene	**102**	Q	**99**	Q	28-89	3		50
2,6-Dinitrotoluene	96		93		40-140	3		50
Fluoranthene	105		102		40-140	3		50
4-Chlorophenyl phenyl ether	99		98		40-140	1		50
4-Bromophenyl phenyl ether	105		104		40-140	1		50
Bis(2-chloroisopropyl)ether	50		48		40-140	4		50
Bis(2-chloroethoxy)methane	71		71		40-117	0		50
Hexachlorobutadiene	101		103		40-140	2		50
Hexachlorocyclopentadiene	79		83		40-140	5		50
Hexachloroethane	79		82		40-140	4		50
Isophorone	68		68		40-140	0		50
Naphthalene	85		85		40-140	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-08 Batch: WG622369-2 WG622369-3								
Nitrobenzene	77		80		40-140	4		50
NitrosoDiPhenylAmine(NDPA)/DPA	100		96			4		50
n-Nitrosodi-n-propylamine	70		70		32-121	0		50
Bis(2-Ethylhexyl)phthalate	103		101		40-140	2		50
Butyl benzyl phthalate	102		98		40-140	4		50
Di-n-butylphthalate	98		96		40-140	2		50
Di-n-octylphthalate	99		96		40-140	3		50
Diethyl phthalate	100		98		40-140	2		50
Dimethyl phthalate	99		98		40-140	1		50
Benzo(a)anthracene	104		101		40-140	3		50
Benzo(a)pyrene	108		104		40-140	4		50
Benzo(b)fluoranthene	101		100		40-140	1		50
Benzo(k)fluoranthene	104		97		40-140	7		50
Chrysene	100		96		40-140	4		50
Acenaphthylene	90		89		40-140	1		50
Anthracene	104		100		40-140	4		50
Benzo(ghi)perylene	115		104		40-140	10		50
Fluorene	98		97		40-140	1		50
Phenanthrene	100		96		40-140	4		50
Dibenzo(a,h)anthracene	114		107		40-140	6		50
Indeno(1,2,3-cd)Pyrene	119		112		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-08 Batch: WG622369-2 WG622369-3								
Pyrene	102		99		35-142	3		50
Biphenyl	92		91			1		50
4-Chloroaniline	50		45		40-140	11		50
2-Nitroaniline	92		87		47-134	6		50
3-Nitroaniline	71		67		26-129	6		50
4-Nitroaniline	96		90		41-125	6		50
Dibenzofuran	96		94		40-140	2		50
2-Methylnaphthalene	85		85		40-140	0		50
1,2,4,5-Tetrachlorobenzene	97		96		40-117	1		50
Acetophenone	78		79		14-144	1		50
2,4,6-Trichlorophenol	99		95		30-130	4		50
P-Chloro-M-Cresol	96		94		26-103	2		50
2-Chlorophenol	83		83		25-102	0		50
2,4-Dichlorophenol	100		97		30-130	3		50
2,4-Dimethylphenol	82		82		30-130	0		50
2-Nitrophenol	82		83		30-130	1		50
4-Nitrophenol	95		89		11-114	7		50
2,4-Dinitrophenol	87		82		4-130	6		50
4,6-Dinitro-o-cresol	99		94		10-130	5		50
Pentachlorophenol	103		100		17-109	3		50
Phenol	78		78		26-90	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1050 NIAGARA ST.

Project Number: 0136-013-005

Lab Number: L1313385

Report Date: 07/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-08 Batch: WG622369-2 WG622369-3								
2-Methylphenol	82		81		30-130.	1		50
3-Methylphenol/4-Methylphenol	82		80		30-130	2		50
2,4,5-Trichlorophenol	105		103		30-130	2		50
Benzoic Acid	59		57			3		50
Benzyl Alcohol	78		75		40-140	4		50
Carbazole	102		97		54-128	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		84		25-120
Phenol-d6	76		77		10-120
Nitrobenzene-d5	71		73		23-120
2-Fluorobiphenyl	90		92		30-120
2,4,6-Tribromophenol	119		124		0-136
4-Terphenyl-d14	93		93		18-120

PCBS

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID:	L1313385-05	Date Collected:	07/15/13 14:30
Client ID:	SB-5 (.5-1)	Date Received:	07/16/13
Sample Location:	1050 NIAGARA ST.	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	07/18/13 12:31
Analytical Date:	07/19/13 23:47	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	07/18/13
Percent Solids:	54%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/18/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	61.3	12.1	1
Aroclor 1221	ND		ug/kg	61.3	18.5	1
Aroclor 1232	ND		ug/kg	61.3	13.0	1
Aroclor 1242	ND		ug/kg	61.3	11.6	1
Aroclor 1248	ND		ug/kg	61.3	7.42	1
Aroclor 1254	ND		ug/kg	61.3	9.66	1
Aroclor 1260	ND		ug/kg	61.3	10.6	1
Aroclor 1262	ND		ug/kg	61.3	4.53	1
Aroclor 1268	ND		ug/kg	61.3	8.89	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	49		30-150
Decachlorobiphenyl	70		30-150
2,4,5,6-Tetrachloro-m-xylene	46		30-150
Decachlorobiphenyl	96		30-150

Project Name: 1050 NIAGARA ST.

Project Number: 0136-013-005

Lab Number: L1313385

Report Date: 07/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/20/13 01:20
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 07/18/13 12:26
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/18/13
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/18/13

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05 Batch: WG622595-1					
Aroclor 1016	ND		ug/kg	32.8	6.47
Aroclor 1221	ND		ug/kg	32.8	9.88
Aroclor 1232	ND		ug/kg	32.8	6.96
Aroclor 1242	ND		ug/kg	32.8	6.22
Aroclor 1248	ND		ug/kg	32.8	3.96
Aroclor 1254	ND		ug/kg	32.8	5.16
Aroclor 1260	ND		ug/kg	32.8	5.69
Aroclor 1262	ND		ug/kg	32.8	2.42
Aroclor 1268	ND		ug/kg	32.8	4.75

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	98		30-150
Decachlorobiphenyl	111		30-150
2,4,5,6-Tetrachloro-m-xylene	96		30-150
Decachlorobiphenyl	112		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1050 NIAGARA ST.

Project Number: 0136-013-005

Lab Number: L1313385

Report Date: 07/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05 Batch: WG622595-2 WG622595-3								
Aroclor 1016	84		89		40-140	6		50
Aroclor 1260	78		82		40-140	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	91		96		30-150
Decachlorobiphenyl	103		106		30-150
2,4,5,6-Tetrachloro-m-xylene	89		93		30-150
Decachlorobiphenyl	101		103		30-150

METALS

Project Name: 1050 NIAGARA ST.
Lab Number: L1313385
Project Number: 0136-013-005
Report Date: 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-01
Client ID: SB-1 (.5-1)
Sample Location: 1050 NIAGARA ST.
Matrix: Soil
Percent Solids: 84%

Date Collected: 07/15/13 10:20
Date Received: 07/16/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	2000		mg/kg	9.4	1.9	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Arsenic, Total	3.2		mg/kg	0.94	0.19	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Barium, Total	83		mg/kg	0.94	0.28	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Beryllium, Total	0.18	J	mg/kg	0.47	0.09	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Cadmium, Total	0.34	J	mg/kg	0.94	0.07	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Calcium, Total	12000		mg/kg	9.4	2.8	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Chromium, Total	4.0		mg/kg	0.94	0.19	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Cobalt, Total	62		mg/kg	1.9	0.47	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Copper, Total	29		mg/kg	0.94	0.19	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Iron, Total	9300		mg/kg	4.7	1.9	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Lead, Total	16		mg/kg	4.7	0.19	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Magnesium, Total	2700		mg/kg	47	4.7	10	07/18/13 12:05	07/21/13 09:59	EPA 3050B	1,6010C	MG
Manganese, Total	47		mg/kg	0.94	0.19	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.09	0.02	1	07/19/13 11:21	07/19/13 14:33	EPA 7471B	1,7471B	MC
Nickel, Total	13		mg/kg	2.3	0.38	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Potassium, Total	380		mg/kg	230	38.	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Selenium, Total	1.2	J	mg/kg	1.9	0.28	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Silver, Total	1.6		mg/kg	0.94	0.19	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Sodium, Total	150	J	mg/kg	190	28.	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Vanadium, Total	8.3		mg/kg	0.94	0.09	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG
Zinc, Total	39		mg/kg	4.7	0.66	2	07/18/13 12:05	07/19/13 16:00	EPA 3050B	1,6010C	MG

Project Name: 1050 NIAGARA ST.
Lab Number: L1313385
Project Number: 0136-013-005
Report Date: 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-02
Client ID: SB-2 (.5-1)
Sample Location: 1050 NIAGARA ST.
Matrix: Soil
Percent Solids: 80%

Date Collected: 07/15/13 10:52
Date Received: 07/16/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5400		mg/kg	9.8	2.0	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Antimony, Total	2.0	J	mg/kg	4.9	0.78	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Arsenic, Total	3.4		mg/kg	0.98	0.20	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Barium, Total	100		mg/kg	0.98	0.29	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Beryllium, Total	0.57		mg/kg	0.49	0.10	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Cadmium, Total	0.78	J	mg/kg	0.98	0.07	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Calcium, Total	21000		mg/kg	9.8	2.9	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Chromium, Total	12		mg/kg	0.98	0.20	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Cobalt, Total	140		mg/kg	2.0	0.49	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Copper, Total	87		mg/kg	0.98	0.20	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Iron, Total	12000		mg/kg	4.9	2.0	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Lead, Total	48		mg/kg	4.9	0.20	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Magnesium, Total	5200		mg/kg	49	4.9	10	07/18/13 12:05	07/21/13 10:02	EPA 3050B	1,6010C	MG
Manganese, Total	120		mg/kg	0.98	0.20	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Mercury, Total	0.03	J	mg/kg	0.09	0.02	1	07/19/13 11:21	07/19/13 14:38	EPA 7471B	1,7471B	MC
Nickel, Total	48		mg/kg	2.4	0.39	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Potassium, Total	950		mg/kg	240	39.	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Selenium, Total	0.36	J	mg/kg	2.0	0.29	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Silver, Total	9.0		mg/kg	0.98	0.20	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Sodium, Total	220		mg/kg	200	29.	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	2.0	0.39	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Vanadium, Total	16		mg/kg	0.98	0.10	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG
Zinc, Total	80		mg/kg	4.9	0.69	2	07/18/13 12:05	07/19/13 16:03	EPA 3050B	1,6010C	MG

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-03 Date Collected: 07/15/13 10:25

Client ID: SB-3 (0-.5) Date Received: 07/16/13

Sample Location: 1050 NIAGARA ST. Field Prep: Not Specified

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4300		mg/kg	48	9.7	10	07/18/13 12:05	07/21/13 12:40	EPA 3050B	1,6010C	KL
Antimony, Total	5.8		mg/kg	4.8	0.78	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG
Arsenic, Total	42		mg/kg	0.97	0.19	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG
Barium, Total	220		mg/kg	0.97	0.29	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG
Beryllium, Total	0.57		mg/kg	0.48	0.10	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG
Cadmium, Total	3.4		mg/kg	0.97	0.07	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG
Calcium, Total	6200		mg/kg	48	14.	10	07/18/13 12:05	07/21/13 12:40	EPA 3050B	1,6010C	KL
Chromium, Total	57		mg/kg	0.97	0.19	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG
Cobalt, Total	18		mg/kg	1.9	0.48	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG
Copper, Total	660		mg/kg	0.97	0.19	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG
Iron, Total	100000		mg/kg	24	9.7	10	07/18/13 12:05	07/21/13 12:40	EPA 3050B	1,6010C	KL
Lead, Total	670		mg/kg	4.8	0.19	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG
Magnesium, Total	790		mg/kg	48	4.8	10	07/18/13 12:05	07/21/13 12:40	EPA 3050B	1,6010C	KL
Manganese, Total	530		mg/kg	0.97	0.19	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG
Mercury, Total	0.99		mg/kg	0.09	0.02	1	07/19/13 11:21	07/19/13 13:23	EPA 7471B	1,7471B	MC
Nickel, Total	30		mg/kg	2.4	0.39	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG
Potassium, Total	320		mg/kg	240	39.	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG
Selenium, Total	2.1		mg/kg	1.9	0.29	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG
Silver, Total	11		mg/kg	0.97	0.19	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG
Sodium, Total	140	J	mg/kg	970	140	10	07/18/13 12:05	07/21/13 12:40	EPA 3050B	1,6010C	KL
Thallium, Total	ND		mg/kg	1.9	0.39	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG
Vanadium, Total	11		mg/kg	0.97	0.10	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG
Zinc, Total	410		mg/kg	4.8	0.68	2	07/18/13 12:05	07/19/13 16:28	EPA 3050B	1,6010C	MG

Project Name: 1050 NIAGARA ST.
Lab Number: L1313385
Project Number: 0136-013-005
Report Date: 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-04
Client ID: SB-4 (0-.5)
Sample Location: 1050 NIAGARA ST.
Matrix: Soil
Percent Solids: 66%

Date Collected: 07/15/13 10:50
Date Received: 07/16/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4500		mg/kg	58	12.	10	07/18/13 12:05	07/21/13 12:43	EPA 3050B	1,6010C	KL
Antimony, Total	9.4		mg/kg	5.8	0.93	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Arsenic, Total	86		mg/kg	1.2	0.23	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Barium, Total	240		mg/kg	1.2	0.35	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Beryllium, Total	0.45	J	mg/kg	0.58	0.12	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Cadmium, Total	15		mg/kg	1.2	0.08	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Calcium, Total	23000		mg/kg	58	17.	10	07/18/13 12:05	07/21/13 12:43	EPA 3050B	1,6010C	KL
Chromium, Total	44		mg/kg	1.2	0.23	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Cobalt, Total	8.6		mg/kg	2.3	0.58	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Copper, Total	320		mg/kg	1.2	0.23	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Iron, Total	41000		mg/kg	5.8	2.3	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Lead, Total	550		mg/kg	5.8	0.23	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Magnesium, Total	2000		mg/kg	58	5.8	10	07/18/13 12:05	07/21/13 12:43	EPA 3050B	1,6010C	KL
Manganese, Total	380		mg/kg	1.2	0.23	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Mercury, Total	2.2		mg/kg	0.11	0.02	1	07/19/13 11:21	07/19/13 13:34	EPA 7471B	1,7471B	MC
Nickel, Total	28		mg/kg	2.9	0.46	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Potassium, Total	540		mg/kg	290	46.	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Selenium, Total	6.2		mg/kg	2.3	0.35	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Silver, Total	8.0		mg/kg	1.2	0.23	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Sodium, Total	320	J	mg/kg	1200	170	10	07/18/13 12:05	07/21/13 12:43	EPA 3050B	1,6010C	KL
Thallium, Total	ND		mg/kg	2.3	0.46	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Vanadium, Total	15		mg/kg	1.2	0.12	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG
Zinc, Total	670		mg/kg	5.8	0.81	2	07/18/13 12:05	07/19/13 16:32	EPA 3050B	1,6010C	MG

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-07 Date Collected: 07/15/13 12:20

Client ID: SB-7 (.5-1) Date Received: 07/16/13

Sample Location: 1050 NIAGARA ST. Field Prep: Not Specified

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	46	9.3	10	07/18/13 12:05	07/21/13 13:07	EPA 3050B	1,6010C	KL
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Arsenic, Total	5.9		mg/kg	0.93	0.19	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Barium, Total	61		mg/kg	0.93	0.28	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Beryllium, Total	0.41	J	mg/kg	0.46	0.09	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Cadmium, Total	0.52	J	mg/kg	0.93	0.07	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Calcium, Total	73000		mg/kg	46	14.	10	07/18/13 12:05	07/21/13 13:07	EPA 3050B	1,6010C	KL
Chromium, Total	13		mg/kg	0.93	0.19	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Cobalt, Total	21		mg/kg	1.9	0.46	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Copper, Total	36		mg/kg	0.93	0.19	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Iron, Total	15000		mg/kg	4.6	1.9	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Lead, Total	36		mg/kg	4.6	0.19	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Magnesium, Total	31000		mg/kg	46	4.6	10	07/18/13 12:05	07/21/13 13:07	EPA 3050B	1,6010C	KL
Manganese, Total	460		mg/kg	0.93	0.19	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/19/13 11:21	07/19/13 13:36	EPA 7471B	1,7471B	MC
Nickel, Total	19		mg/kg	2.3	0.37	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Potassium, Total	1400		mg/kg	230	37.	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Selenium, Total	0.35	J	mg/kg	1.9	0.28	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Silver, Total	0.32	J	mg/kg	0.93	0.19	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Sodium, Total	190	J	mg/kg	930	140	10	07/18/13 12:05	07/21/13 13:07	EPA 3050B	1,6010C	KL
Thallium, Total	ND		mg/kg	1.9	0.37	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Vanadium, Total	20		mg/kg	0.93	0.09	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG
Zinc, Total	68		mg/kg	4.6	0.65	2	07/18/13 12:05	07/19/13 16:35	EPA 3050B	1,6010C	MG

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-04,07 Batch: WG622605-1										
Aluminum, Total	3.5	J	mg/kg	4.0	0.80	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Antimony, Total	ND		mg/kg	2.0	0.32	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Arsenic, Total	ND		mg/kg	0.40	0.08	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Barium, Total	ND		mg/kg	0.40	0.12	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Beryllium, Total	ND		mg/kg	0.20	0.04	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.40	0.03	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Calcium, Total	8.1		mg/kg	4.0	1.2	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Chromium, Total	ND		mg/kg	0.40	0.08	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Cobalt, Total	ND		mg/kg	0.80	0.20	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Copper, Total	ND		mg/kg	0.40	0.08	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Iron, Total	1.3	J	mg/kg	2.0	0.80	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Lead, Total	ND		mg/kg	2.0	0.08	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Magnesium, Total	ND		mg/kg	4.0	0.40	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Manganese, Total	ND		mg/kg	0.40	0.08	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Nickel, Total	ND		mg/kg	1.0	0.16	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Potassium, Total	ND		mg/kg	100	16.	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Selenium, Total	ND		mg/kg	0.80	0.12	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Silver, Total	ND		mg/kg	0.40	0.08	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Sodium, Total	ND		mg/kg	80	12.	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Thallium, Total	ND		mg/kg	0.80	0.16	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Vanadium, Total	ND		mg/kg	0.40	0.04	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG
Zinc, Total	ND		mg/kg	2.0	0.28	1	07/18/13 12:05	07/19/13 14:18	1,6010C	MG

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-02 Batch: WG622814-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/19/13 11:21	07/19/13 13:45	1,7471B	MC

Project Name: 1050 NIAGARA ST. **Lab Number:** L1313385

Project Number: 0136-013-005 **Report Date:** 07/24/13

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 03-04,07 Batch: WG622815-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/19/13 11:21	07/19/13 13:19	1,7471B	MC

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1050 NIAGARA ST.

Project Number: 0136-013-005

Lab Number: L1313385

Report Date: 07/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04,07 Batch: WG622605-2 SRM Lot Number: 0518-10-02								
Aluminum, Total	92		-		29-171	-		
Antimony, Total	122		-		4-196	-		
Arsenic, Total	100		-		81-119	-		
Barium, Total	100		-		83-118	-		
Beryllium, Total	104		-		83-117	-		
Cadmium, Total	94		-		82-117	-		
Calcium, Total	91		-		83-117	-		
Chromium, Total	101		-		80-119	-		
Cobalt, Total	101		-		83-117	-		
Copper, Total	101		-		83-117	-		
Iron, Total	86		-		51-150	-		
Lead, Total	99		-		80-120	-		
Magnesium, Total	101		-		74-126	-		
Manganese, Total	92		-		83-117	-		
Nickel, Total	104		-		82-117	-		
Potassium, Total	99		-		74-126	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	101		-		66-134	-		
Sodium, Total	103		-		74-127	-		
Thallium, Total	101		-		79-120	-		
Vanadium, Total	98		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1050 NIAGARA ST.

Project Number: 0136-013-005

Lab Number: L1313385

Report Date: 07/24/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04,07 Batch: WG622605-2 SRM Lot Number: 0518-10-02					
Zinc, Total	97	-	82-119	-	
Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG622814-2 SRM Lot Number: 0518-10-02					
Mercury, Total	121	-	67-133	-	
Total Metals - Westborough Lab Associated sample(s): 03-04,07 Batch: WG622815-2 SRM Lot Number: 0518-10-02					
Mercury, Total	121	-	67-133	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04,07 QC Batch ID: WG622605-4 QC Sample: L1313193-02 Client ID: MS Sample												
Aluminum, Total	2800	162	3400	**369**	Q	-	-		75-125	-		35
Antimony, Total	ND	40.6	39	96		-	-		75-125	-		35
Arsenic, Total	0.92	9.75	11	103		-	-		75-125	-		35
Barium, Total	28.	162	200	106		-	-		75-125	-		35
Beryllium, Total	0.19J	4.06	4.3	106		-	-		75-125	-		35
Cadmium, Total	0.17J	4.14	4.4	106		-	-		75-125	-		35
Calcium, Total	1100	812	2400	**160**	Q	-	-		75-125	-		35
Chromium, Total	7.6	16.2	24	101		-	-		75-125	-		35
Cobalt, Total	2.6	40.6	44	102		-	-		75-125	-		35
Copper, Total	7.5	20.3	30	111		-	-		75-125	-		35
Iron, Total	6400	81.2	7200	**985**	Q	-	-		75-125	-		35
Lead, Total	8.0	41.4	53	109		-	-		75-125	-		35
Magnesium, Total	1200	812	2100	111		-	-		75-125	-		35
Manganese, Total	160	40.6	210	123		-	-		75-125	-		35
Nickel, Total	8.0	40.6	50	103		-	-		75-125	-		35
Potassium, Total	810	812	1700	110		-	-		75-125	-		35
Selenium, Total	ND	9.75	9.8	100		-	-		75-125	-		35
Silver, Total	ND	24.4	25	103		-	-		75-125	-		35
Sodium, Total	110J	812	970	119		-	-		75-125	-		35
Thallium, Total	ND	9.75	9.1	93		-	-		75-125	-		35
Vanadium, Total	8.7	40.6	52	107		-	-		75-125	-		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04,07 QC Batch ID: WG622605-4 QC Sample: L1313193-02 Client ID: MS Sample										
Zinc, Total	17.	40.6	58	101		-	-	75-125	-	35
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG622814-4 QC Sample: L1313200-10 Client ID: MS Sample										
Mercury, Total	ND	0.168	0.16	95		-	-	70-130	-	35
Total Metals - Westborough Lab Associated sample(s): 03-04,07 QC Batch ID: WG622815-4 QC Sample: L1313385-03 Client ID: SB-3 (0-.5)										
Mercury, Total	0.99	0.195	1.9	**466**	Q	-	-	70-130	-	35

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04,07 QC Batch ID: WG622605-3 QC Sample: L1313193-02 Client ID: DUP Sample						
Aluminum, Total	2800	2600	mg/kg	7		35
Antimony, Total	ND	ND	mg/kg	NC		35
Arsenic, Total	0.92	0.68J	mg/kg	NC		35
Barium, Total	28.	23	mg/kg	20		35
Beryllium, Total	0.19J	0.14J	mg/kg	NC		35
Cadmium, Total	0.17J	0.14J	mg/kg	NC		35
Calcium, Total	1100	960	mg/kg	14		35
Chromium, Total	7.6	5.7	mg/kg	29		35
Cobalt, Total	2.6	2.5	mg/kg	4		35
Copper, Total	7.5	7.9	mg/kg	5		35
Iron, Total	6400	5300	mg/kg	19		35
Lead, Total	8.0	8.8	mg/kg	10		35
Magnesium, Total	1200	920	mg/kg	26		35
Manganese, Total	160	160	mg/kg	0		35
Nickel, Total	8.0	6.2	mg/kg	25		35
Potassium, Total	810	660	mg/kg	20		35
Selenium, Total	ND	ND	mg/kg	NC		35
Silver, Total	ND	ND	mg/kg	NC		35
Sodium, Total	110J	100J	mg/kg	NC		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04,07 QC Batch ID: WG622605-3 QC Sample: L1313193-02 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	35
Vanadium, Total	8.7	7.1	mg/kg	20	35
Zinc, Total	17.	15	mg/kg	13	35
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG622814-3 QC Sample: L1313200-10 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	35
Total Metals - Westborough Lab Associated sample(s): 03-04,07 QC Batch ID: WG622815-3 QC Sample: L1313385-03 Client ID: SB-3 (0-.5)					
Mercury, Total	0.99	1.0	mg/kg	1	35

INORGANICS
&
MISCELLANEOUS

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-01
Client ID: SB-1 (.5-1)
Sample Location: 1050 NIAGARA ST.
Matrix: Soil

Date Collected: 07/15/13 10:20
Date Received: 07/16/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	07/17/13 20:54	30,2540G	RT

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-02
Client ID: SB-2 (.5-1)
Sample Location: 1050 NIAGARA ST.
Matrix: Soil

Date Collected: 07/15/13 10:52
Date Received: 07/16/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.9		%	0.100	NA	1	-	07/17/13 20:54	30,2540G	RT

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-03
Client ID: SB-3 (0-.5)
Sample Location: 1050 NIAGARA ST.
Matrix: Soil

Date Collected: 07/15/13 10:25
Date Received: 07/16/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.7		%	0.100	NA	1	-	07/17/13 20:54	30,2540G	RT

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-04
Client ID: SB-4 (0-.5)
Sample Location: 1050 NIAGARA ST.
Matrix: Soil

Date Collected: 07/15/13 10:50
Date Received: 07/16/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65.8		%	0.100	NA	1	-	07/17/13 20:54	30,2540G	RT

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-05
Client ID: SB-5 (.5-1)
Sample Location: 1050 NIAGARA ST.
Matrix: Soil

Date Collected: 07/15/13 14:30
Date Received: 07/16/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	53.7		%	0.100	NA	1	-	07/17/13 20:54	30,2540G	RT

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-06
Client ID: SB-6 (.5-1)
Sample Location: 1050 NIAGARA ST.
Matrix: Soil

Date Collected: 07/15/13 14:00
Date Received: 07/16/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	07/17/13 20:54	30,2540G	RT

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-07
Client ID: SB-7 (.5-1)
Sample Location: 1050 NIAGARA ST.
Matrix: Soil

Date Collected: 07/15/13 12:20
Date Received: 07/16/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	07/17/13 20:54	30,2540G	RT

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

SAMPLE RESULTS

Lab ID: L1313385-08
Client ID: SB-8 (.5-1)
Sample Location: 1050 NIAGARA ST.
Matrix: Soil

Date Collected: 07/15/13 13:00
Date Received: 07/16/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.9		%	0.100	NA	1	-	07/17/13 20:54	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG622403-1 QC Sample: L1313185-02 Client ID: DUP Sample						
Solids, Total	84.9	85.4	%	1		20

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1313385-01A	Amber 120ml unpreserved	A	N/A	3.4	Y	Absent	NYTCL-8270(14)
L1313385-01B	Amber 120ml unpreserved	A	N/A	3.4	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1313385-02A	Amber 120ml unpreserved	A	N/A	3.4	Y	Absent	NYTCL-8270(14)
L1313385-02B	Amber 120ml unpreserved	A	N/A	3.4	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1313385-03A	Amber 120ml unpreserved	A	N/A	3.4	Y	Absent	NYTCL-8270(14)
L1313385-03B	Amber 120ml unpreserved	A	N/A	3.4	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1313385-04A	Amber 120ml unpreserved	A	N/A	3.4	Y	Absent	NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1313385
Report Date: 07/24/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1313385-04B	Amber 120ml unpreserved	A	N/A	3.4	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1313385-05A	Amber 120ml unpreserved	A	N/A	3.4	Y	Absent	TS(7),NYTCL-8082(14)
L1313385-05B	Amber 120ml unpreserved	A	N/A	3.4	Y	Absent	-
L1313385-06A	Amber 120ml unpreserved	A	N/A	3.4	Y	Absent	NYTCL-8270(14),TS(7)
L1313385-06B	Amber 120ml unpreserved	A	N/A	3.4	Y	Absent	NYTCL-8270(14),TS(7)
L1313385-07A	Amber 120ml unpreserved	A	N/A	3.4	Y	Absent	NYTCL-8270(14)
L1313385-07B	Amber 120ml unpreserved	A	N/A	3.4	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1313385-08A	Amber 120ml unpreserved	A	N/A	3.4	Y	Absent	NYTCL-8270(14),TS(7)
L1313385-08B	Amber 120ml unpreserved	A	N/A	3.4	Y	Absent	NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1050 NIAGARA ST.	**Lab Number:**	L1313385
Project Number:	0136-013-005	**Report Date:**	07/24/13

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

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

Terms

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

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The lower value for the two columns has been reported due to obvious interference.

Report Format: DU Report with "J" Qualifiers

Project Name:	1050 NIAGARA ST.	**Lab Number:**	L1313385
Project Number:	0136-013-005	**Report Date:**	07/24/13

Data Qualifiers

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

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

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

Report Format: DU Report with "J" Qualifiers

Project Name:	1050 NIAGARA ST.	**Lab Number:**	L1313385
Project Number:	0136-013-005	**Report Date:**	07/24/13

REFERENCES

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

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

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

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

Certificate/Approval Program Summary

Last revised July 2, 2013 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

State of Illinois Certificate/Lab ID: 003155. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM2120B, 2320B, 2510B, 2540C, SM4500CN-CE, 4500F-C, 4500H-B, 4500NO3-F, 5310C, EPA 200.7, 200.8, 245.1, 300.0. Organic Parameters: EPA 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: SM2120B, 2310B, 2320B, 2340B, 2510B, 2540B, 2540C, 2540D, SM4500CL-E, 4500CN-E, 4500F-C, 4500H-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-E, 4500S-D, 4500SO3-B, 5210B, 5220D, 5310C, 5540C, EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1. Organic Parameters: EPA 608, 624, 625.)

Hazardous and Solid Waste (Inorganic Parameters: EPA 1010A, 1030, 1311, 1312, 6010C, 6020A, 7196A, 7470A, 7471B, 9012B, 9014, 9038, 9040C, 9045D, 9050A, 9065, 9251. Organic Parameters: 8011 (NPW only), 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8315A, 8330.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2120B, 2130B, 2320B, 2510C, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, 5310C, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 8315A, 9010C, SM2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-C, 4500NH3-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-B, 4500P-E, 4500S2-D, 4500SO3-B, 5540C, 5210B, 5220D, 5310C, 9010B, 9030B, 9040C, 7470A, 7196A, 2340B, EPA 200.7, 6010C, 200.8, 6020A, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8011, 8081B, 8082A, 8330, 8151A, 8260C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014, 9040B, 9045C, 6010C, 6020A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B, 9038, 9251. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260C, 8270D, 8330, 8151A, 8081B, 8082A, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2064. ***NELAP Accredited.***
Drinking Water (Organic Parameters: **EPA 524.2:** Di-isopropyl ether (DIPE), Ethyl-t-butyl ether (ETBE), Tert-amyl methyl ether (TAME)).

Non-Potable Water (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene. **EPA 8015C(M):** TPH.)

Solid & Chemical Materials (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D,

9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.1, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2340B, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010C, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 8315A, 3005A, 3015, 9010C, 9030B. Organic Parameters: EPA 624, 8260C, 8270D, 8270D-SIM, 625, 608, 8081B, 8151A, 8330, 8082A, EPA 3510C, 5030B, 8015C, 8011.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, EPA 6010C, 6020A, 7196A, 7471B, 8315A, 9012B, 9014, 9065, 9050A, 9038, 9251, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260C, 8270D, 8270D-SIM, 8015C, 8081B, 8151A, 8330, 8082A, 3540C, 3546, 3580A, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9012B, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.1, 2320B, 4500F-C, 4500NO3-F, 4500H+B, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 351.2, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 2340B, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500 SO3-B, 4500H-B, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C, 9010Cm

9030B, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9010C, 9012B, 9030B, 9014, 9038, 9040C, 9045D, 9251, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 3550B, 3580A, 3620C, 3630C, 6020A, 8260B, 8260C, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether. **EPA 8260B:** 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8260 Non-potable water matrix:** Iodomethane (methyl iodide), Methyl methacrylate. **EPA 8260 Soil matrix:** Tert-amyl methyl ether (TAME), Diisopropyl ether (DIPE), Azobenzene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine. **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 7/17/13

ALPHA Job #: L13133 85

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-9288

Client Information

Client: Turnkey
Address: 2558 Hamburg Turnpike
Buffalo NY 14218
Phone: (716) 856-0599
Fax: (716) 856-0583
Email:

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 1050 Niagara St
Project Location: "
Project #: 0136-013-005
Project Manager: Mike Lesakowski
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 7/23/13 Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: TCL SVOC	TAL Metals	PCBs	SAMPLE HANDLING	Sample Specific Comments	TOTAL # BOTTLES
13385, 1	SB-1 (.5-1)	7-15-13	1620	Soil	PWW	X	X				2
2	SB-2 (.5-1)		1052			X	X				2
3	SB-3 (0-.5)		1025			X	X				2
4	SB-4 (0-.5)		1050			X	X				2
5	SB-5 (.5-1)		1430			X		X		Just PCBs	1
6	SB-6 (.5-1)		1420			X				TCL SVOC only	2
7	SB-7 (.5-1)		1230			X	X				2
8	SB-8 (.5-1)		1300			X				TCL SVOC only	2

Filtration ☐ Done ☐ Not needed ☐ Lab to do
Preservation ☐ Lab to do (Please specify below)

Container Type															
Preservative															

Relinquished By:	Date/Time	Received By:	Date/Time
	7-16-13 1300	James D. Rickus	7-16-13 1600
James D. Rickus	7-16-13 1815		7/16/13

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

ANALYTICAL REPORT

Lab Number:	L1314698
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Mike Lesakowski
Phone:	(716) 856-0599
Project Name:	1050 NIAGARA ST.
Project Number:	0136-013-005
Report Date:	08/06/13

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

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

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1314698
Report Date: 08/06/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1314698-01	SB-5 (.5-1)	1050 NIAGARA ST.	07/15/13 14:30

Project Name: 1050 NIAGARA ST. **Lab Number:** L1314698
Project Number: 0136-013-005 **Report Date:** 08/06/13

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

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

Project Name:	1050 NIAGARA ST.	**Lab Number:**	L1314698
Project Number:	0136-013-005	**Report Date:**	08/06/13

Case Narrative (continued)

Report Submission

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

Semivolatile Organics

L1314698-01 was extracted with the method required holding time exceeded at the client's request.

L1314698-01 has elevated detection limits due to the dilution required by the matrix interferences encountered during the concentration of the sample and the analytical dilution required by the target compounds present in the sample.

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

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 08/06/13

ORGANICS

SEMIVOLATILES

Project Name: 1050 NIAGARA ST. **Lab Number:** L1314698

Project Number: 0136-013-005 **Report Date:** 08/06/13

SAMPLE RESULTS

Lab ID:	L1314698-01	D	Date Collected:	07/15/13 14:30
Client ID:	SB-5 (.5-1)		Date Received:	07/16/13
Sample Location:	1050 NIAGARA ST.		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270D		Extraction Date:	08/02/13 11:37
Analytical Date:	08/06/13 02:09			
Analyst:	JB			
Percent Solids:	54%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	7300		ug/kg	2400	630	10
Hexachlorobenzene	ND		ug/kg	1800	570	10
Bis(2-chloroethyl)ether	ND		ug/kg	2800	860	10
2-Chloronaphthalene	ND		ug/kg	3100	1000	10
3,3'-Dichlorobenzidine	ND		ug/kg	3100	820	10
2,4-Dinitrotoluene	ND		ug/kg	3100	660	10
2,6-Dinitrotoluene	ND		ug/kg	3100	780	10
Fluoranthene	85000		ug/kg	1800	560	10
4-Chlorophenyl phenyl ether	ND		ug/kg	3100	930	10
4-Bromophenyl phenyl ether	ND		ug/kg	3100	700	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	3700	1100	10
Bis(2-chloroethoxy)methane	ND		ug/kg	3300	930	10
Hexachlorobutadiene	ND		ug/kg	3100	860	10
Hexachlorocyclopentadiene	ND		ug/kg	8800	2000	10
Hexachloroethane	ND		ug/kg	2400	560	10
Isophorone	ND		ug/kg	2800	820	10
Naphthalene	2200	J	ug/kg	3100	1000	10
Nitrobenzene	ND		ug/kg	2800	730	10
NDPA/DPA	ND		ug/kg	2400	640	10
n-Nitrosodi-n-propylamine	ND		ug/kg	3100	910	10
Bis(2-ethylhexyl)phthalate	2400	J	ug/kg	3100	800	10
Butyl benzyl phthalate	1100	J	ug/kg	3100	600	10
Di-n-butylphthalate	ND		ug/kg	3100	590	10
Di-n-octylphthalate	ND		ug/kg	3100	750	10
Diethyl phthalate	ND		ug/kg	3100	650	10
Dimethyl phthalate	ND		ug/kg	3100	780	10
Benzo(a)anthracene	40000		ug/kg	1800	600	10
Benzo(a)pyrene	40000		ug/kg	2400	750	10
Benzo(b)fluoranthene	55000		ug/kg	1800	620	10
Benzo(k)fluoranthene	19000		ug/kg	1800	580	10
Chrysene	45000		ug/kg	1800	600	10

Project Name: 1050 NIAGARA ST. **Lab Number:** L1314698

Project Number: 0136-013-005 **Report Date:** 08/06/13

SAMPLE RESULTS

Lab ID: L1314698-01 D Date Collected: 07/15/13 14:30

Client ID: SB-5 (.5-1) Date Received: 07/16/13

Sample Location: 1050 NIAGARA ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	1200	J	ug/kg	2400	570	10
Anthracene	15000		ug/kg	1800	510	10
Benzo(ghi)perylene	26000		ug/kg	2400	640	10
Fluorene	7100		ug/kg	3100	880	10
Phenanthrene	63000		ug/kg	1800	600	10
Dibenzo(a,h)anthracene	7200		ug/kg	1800	590	10
Indeno(1,2,3-cd)pyrene	26000		ug/kg	2400	680	10
Pyrene	69000		ug/kg	1800	600	10
Biphenyl	ND		ug/kg	7000	1000	10
4-Chloroaniline	ND		ug/kg	3100	810	10
2-Nitroaniline	ND		ug/kg	3100	860	10
3-Nitroaniline	ND		ug/kg	3100	850	10
4-Nitroaniline	ND		ug/kg	3100	830	10
Dibenzofuran	4400		ug/kg	3100	1000	10
2-Methylnaphthalene	1300	J	ug/kg	3700	980	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	3100	950	10
Acetophenone	ND		ug/kg	3100	950	10
2,4,6-Trichlorophenol	ND		ug/kg	1800	580	10
p-Chloro-m-cresol	ND		ug/kg	3100	890	10
2-Chlorophenol	ND		ug/kg	3100	920	10
2,4-Dichlorophenol	ND		ug/kg	2800	990	10
2,4-Dimethylphenol	ND		ug/kg	3100	910	10
2-Nitrophenol	ND		ug/kg	6600	960	10
4-Nitrophenol	ND		ug/kg	4300	990	10
2,4-Dinitrophenol	ND		ug/kg	15000	4200	10
4,6-Dinitro-o-cresol	ND		ug/kg	8000	1100	10
Pentachlorophenol	ND		ug/kg	2400	660	10
Phenol	ND		ug/kg	3100	910	10
2-Methylphenol	ND		ug/kg	3100	990	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	4400	1000	10
2,4,5-Trichlorophenol	ND		ug/kg	3100	990	10
Carbazole	13000		ug/kg	3100	660	10
Benzaldehyde	ND		ug/kg	4000	1200	10
Caprolactam	ND		ug/kg	3100	850	10
Atrazine	ND		ug/kg	2400	690	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	3100	520	10

Project Name: 1050 NIAGARA ST. **Lab Number:** L1314698

Project Number: 0136-013-005 **Report Date:** 08/06/13

SAMPLE RESULTS

Lab ID: L1314698-01 D
Client ID: SB-5 (.5-1)
Sample Location: 1050 NIAGARA ST.

Date Collected: 07/15/13 14:30
Date Received: 07/16/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	88		0-136
4-Terphenyl-d14	95		18-120

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1314698
Report Date: 08/06/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/04/13 23:53
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/02/13 11:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG626188-1					
Acenaphthene	ND		ug/kg	130	34.
Hexachlorobenzene	ND		ug/kg	99	31.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	54.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	36.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	99	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	47.
Hexachlorocyclopentadiene	ND		ug/kg	470	110
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Naphthalene	ND		ug/kg	160	55.
Nitrobenzene	ND		ug/kg	150	39.
NDPA/DPA	ND		ug/kg	130	35.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	49.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	41.
Diethyl phthalate	ND		ug/kg	160	35.
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	99	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	33.
Benzo(k)fluoranthene	ND		ug/kg	99	32.
Chrysene	ND		ug/kg	99	32.

Project Name: 1050 NIAGARA ST. **Lab Number:** L1314698

Project Number: 0136-013-005 **Report Date:** 08/06/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/04/13 23:53
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/02/13 11:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG626188-1					
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	99	28.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	99	32.
Dibenzo(a,h)anthracene	ND		ug/kg	99	32.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	37.
Pyrene	ND		ug/kg	99	32.
Biphenyl	ND		ug/kg	380	54.
4-Chloroaniline	ND		ug/kg	160	44.
2-Nitroaniline	ND		ug/kg	160	47.
3-Nitroaniline	ND		ug/kg	160	46.
4-Nitroaniline	ND		ug/kg	160	45.
Dibenzofuran	ND		ug/kg	160	55.
2-Methylnaphthalene	ND		ug/kg	200	53.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	48.
2-Chlorophenol	ND		ug/kg	160	50.
2,4-Dichlorophenol	ND		ug/kg	150	54.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	360	52.
4-Nitrophenol	ND		ug/kg	230	54.
2,4-Dinitrophenol	ND		ug/kg	790	230
4,6-Dinitro-o-cresol	ND		ug/kg	430	60.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	49.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	54.

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1314698
Report Date: 08/06/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/04/13 23:53
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/02/13 11:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG626188-1					
Carbazole	ND		ug/kg	160	36.
Benzaldehyde	ND		ug/kg	220	67.
Caprolactam	ND		ug/kg	160	46.
Atrazine	ND		ug/kg	130	37.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	28.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	90		0-136
4-Terphenyl-d14	91		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1314698
Report Date: 08/06/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG626188-2 WG626188-3								
Acenaphthene	82		93		31-137	13		50
Benzidine	44		44			0		50
n-Nitrosodimethylamine	75		89			17		50
1,2,4-Trichlorobenzene	75		88		38-107	16		50
Hexachlorobenzene	79		85		40-140	7		50
Bis(2-chloroethyl)ether	82		94		40-140	14		50
2-Chloronaphthalene	83		90		40-140	8		50
1,2-Dichlorobenzene	79		88		40-140	11		50
1,3-Dichlorobenzene	76		86		40-140	12		50
1,4-Dichlorobenzene	75		86		28-104	14		50
3,3'-Dichlorobenzidine	47		54		40-140	14		50
2,4-Dinitrotoluene	88		**94**	Q	28-89	7		50
2,6-Dinitrotoluene	88		89		40-140	1		50
Fluoranthene	81		87		40-140	7		50
4-Chlorophenyl phenyl ether	84		93		40-140	10		50
4-Bromophenyl phenyl ether	84		92		40-140	9		50
Azobenzene	88		95		40-140	8		50
Bis(2-chloroisopropyl)ether	87		98		40-140	12		50
Bis(2-chloroethoxy)methane	91		98		40-117	7		50
Hexachlorobutadiene	76		88		40-140	15		50
Hexachlorocyclopentadiene	85		96		40-140	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1050 NIAGARA ST.

Project Number: 0136-013-005

Lab Number: L1314698

Report Date: 08/06/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG626188-2 WG626188-3								
Hexachloroethane	78		87		40-140	11		50
Isophorone	89		94		40-140	5		50
Naphthalene	78		90		40-140	14		50
Nitrobenzene	84		100		40-140	17		50
NDPA/DPA	85		92			8		50
n-Nitrosodi-n-propylamine	90		98		32-121	9		50
Bis(2-ethylhexyl)phthalate	95		108		40-140	13		50
Butyl benzyl phthalate	78		84		40-140	7		50
Di-n-butylphthalate	86		95		40-140	10		50
Di-n-octylphthalate	91		106		40-140	15		50
Diethyl phthalate	86		91		40-140	6		50
Dimethyl phthalate	86		94		40-140	9		50
Benzo(a)anthracene	87		101		40-140	15		50
Benzo(a)pyrene	86		100		40-140	15		50
Benzo(b)fluoranthene	83		103		40-140	22		50
Benzo(k)fluoranthene	90		95		40-140	5		50
Chrysene	85		96		40-140	12		50
Acenaphthylene	84		88		40-140	5		50
Anthracene	88		102		40-140	15		50
Benzo(ghi)perylene	78		94		40-140	19		50
Fluorene	83		92		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1050 NIAGARA ST.

Project Number: 0136-013-005

Lab Number: L1314698

Report Date: 08/06/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG626188-2 WG626188-3								
Phenanthrene	86		97		40-140	12		50
Dibenzo(a,h)anthracene	80		94		40-140	16		50
Indeno(1,2,3-cd)pyrene	78		94		40-140	19		50
Pyrene	80		86		35-142	7		50
Biphenyl	83		99			18		50
Aniline	52		59		40-140	13		50
4-Chloroaniline	58		61		40-140	5		50
2-Nitroaniline	93		94		47-134	1		50
3-Nitroaniline	67		70		26-129	4		50
4-Nitroaniline	83		86		41-125	4		50
Dibenzofuran	84		94		40-140	11		50
2-Methylnaphthalene	79		88		40-140	11		50
1,2,4,5-Tetrachlorobenzene	80		98		40-117	20		50
Acetophenone	91		99		14-144	8		50
2,4,6-Trichlorophenol	86		92		30-130	7		50
p-Chloro-m-cresol	95		98		26-103	3		50
2-Chlorophenol	88		98		25-102	11		50
2,4-Dichlorophenol	90		99		30-130	10		50
2,4-Dimethylphenol	100		107		30-130	7		50
2-Nitrophenol	92		100		30-130	8		50
4-Nitrophenol	87		92		11-114	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1050 NIAGARA ST.

Project Number: 0136-013-005

Lab Number: L1314698

Report Date: 08/06/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG626188-2 WG626188-3								
2,4-Dinitrophenol	35		35		4-130	0		50
4,6-Dinitro-o-cresol	69		74		10-130	7		50
Pentachlorophenol	79		90		17-109	13		50
Phenol	**93**	Q	**102**	Q	26-90	9		50
2-Methylphenol	95		103		30-130.	8		50
3-Methylphenol/4-Methylphenol	96		102		30-130	6		50
2,4,5-Trichlorophenol	92		94		30-130	2		50
Benzoic Acid	15		15			0		50
Benzyl Alcohol	96		101		40-140	5		50
Carbazole	86		97		54-128	12		50
Benzaldehyde	92		104			12		50
Caprolactam	96		97			1		50
Atrazine	92		105			13		50
2,3,4,6-Tetrachlorophenol	83		88			6		50
Pyridine	58		68		10-93	16		50
Parathion, ethyl	86		96		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1050 NIAGARA ST.

Project Number: 0136-013-005

Lab Number: L1314698

Report Date: 08/06/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG626188-2 WG626188-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	91		103		25-120
Phenol-d6	92		104		10-120
Nitrobenzene-d5	90		99		23-120
2-Fluorobiphenyl	84		90		30-120
2,4,6-Tribromophenol	88		105		0-136
4-Terphenyl-d14	75		83		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1314698
Report Date: 08/06/13

SAMPLE RESULTS

Lab ID: L1314698-01
Client ID: SB-5 (.5-1)
Sample Location: 1050 NIAGARA ST.
Matrix: Soil

Date Collected: 07/15/13 14:30
Date Received: 07/16/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	53.7		%	0.100	NA	1	-	07/17/13 20:54	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1314698
Report Date: 08/06/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG622403-1 QC Sample: L1313185-02 Client ID: DUP Sample						
Solids, Total	84.9	85.4	%	1		20

Project Name: 1050 NIAGARA ST.
Project Number: 0136-013-005

Lab Number: L1314698
Report Date: 08/06/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1314698-01A	Amber 250ml unpreserved	A	N/A	3.4	Y	Absent	NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	1050 NIAGARA ST.	**Lab Number:**	L1314698
Project Number:	0136-013-005	**Report Date:**	08/06/13

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

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

Terms

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

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The lower value for the two columns has been reported due to obvious interference.

Report Format: DU Report with "J" Qualifiers

Project Name:	1050 NIAGARA ST.	**Lab Number:**	L1314698
Project Number:	0136-013-005	**Report Date:**	08/06/13

Data Qualifiers

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with "J" Qualifiers

Project Name:	1050 NIAGARA ST.	**Lab Number:**	L1314698
Project Number:	0136-013-005	**Report Date:**	08/06/13

REFERENCES

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

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

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

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

Certificate/Approval Program Summary

Last revised July 2, 2013 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

State of Illinois Certificate/Lab ID: 003155. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM2120B, 2320B, 2510B, 2540C, SM4500CN-CE, 4500F-C, 4500H-B, 4500NO3-F, 5310C, EPA 200.7, 200.8, 245.1, 300.0. Organic Parameters: EPA 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: SM2120B, 2310B, 2320B, 2340B, 2510B, 2540B, 2540C, 2540D, SM4500CL-E, 4500CN-E, 4500F-C, 4500H-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-E, 4500S-D, 4500SO3-B, 5210B, 5220D, 5310C, 5540C, EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1. Organic Parameters: EPA 608, 624, 625.)

Hazardous and Solid Waste (Inorganic Parameters: EPA 1010A, 1030, 1311, 1312, 6010C, 6020A, 7196A, 7470A, 7471B, 9012B, 9014, 9038, 9040C, 9045D, 9050A, 9065, 9251. Organic Parameters: 8011 (NPW only), 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8315A, 8330.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2120B, 2130B, 2320B, 2510C, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, 5310C, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 8315A, 9010C, SM2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-C, 4500NH3-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-B, 4500P-E, 4500S2-D, 4500SO3-B, 5540C, 5210B, 5220D, 5310C, 9010B, 9030B, 9040C, 7470A, 7196A, 2340B, EPA 200.7, 6010C, 200.8, 6020A, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8011, 8081B, 8082A, 8330, 8151A, 8260C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014, 9040B, 9045C, 6010C, 6020A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B, 9038, 9251. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260C, 8270D, 8330, 8151A, 8081B, 8082A, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2064. ***NELAP Accredited.***
Drinking Water (Organic Parameters: **EPA 524.2:** Di-isopropyl ether (DIPE), Ethyl-t-butyl ether (ETBE), Tert-amyl methyl ether (TAME)).

Non-Potable Water (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene. **EPA 8015C(M):** TPH.)

Solid & Chemical Materials (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D,

9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.1, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2340B, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010C, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 8315A, 3005A, 3015, 9010C, 9030B. Organic Parameters: EPA 624, 8260C, 8270D, 8270D-SIM, 625, 608, 8081B, 8151A, 8330, 8082A, EPA 3510C, 5030B, 8015C, 8011.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, EPA 6010C, 6020A, 7196A, 7471B, 8315A, 9012B, 9014, 9065, 9050A, 9038, 9251, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260C, 8270D, 8270D-SIM, 8015C, 8081B, 8151A, 8330, 8082A, 3540C, 3546, 3580A, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9012B, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.1, 2320B, 4500F-C, 4500NO3-F, 4500H+B, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 351.2, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 2340B, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500 SO3-B, 4500H-B, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C, 9010Cm

9030B, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9010C, 9012B, 9030B, 9014, 9038, 9040C, 9045D, 9251, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 3550B, 3580A, 3620C, 3630C, 6020A, 8260B, 8260C, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether. **EPA 8260B:** 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8260 Non-potable water matrix:** Iodomethane (methyl iodide), Methyl methacrylate. **EPA 8260 Soil matrix:** Tert-amyl methyl ether (TAME), Diisopropyl ether (DIPE), Azobenzene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine. **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

Serial_No:08061312:20

CHAIN OF CUSTODY

PAGE 1 OF 1

L1314698

Date Rec'd in Lab: 7/17/13

ALPHA Job #: L1314698

8/2/13

ALPHA LABORATORIES
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Turnkey
Address: 2558 Hamburg Turnpike Buffalo NY 14218
Phone: (716) 856-0599
Fax: (716) 856-0583
Email:
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 1050 Niagara St
Project Location: "
Project #: 0136-013-005
Project Manager: Mike Lesakowski
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: 7/23/13 Time: 8/6/13

Report Information - Data Deliverables

☐ FAX ☐ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOC	TAL Metals	PCBs	NYTCL-8270	Sample Specific Comments	Total # Bottles
L1314698											
13385-1	SB-1 (.5-1)	7-15-13	10:20	Soil	PLW	X	X				2
-2	SB-2 (.5-1)		10:52			X	X				2
-3	SB-3 (0-.5)		10:25			X	X				2
-4	SB-4 (0-.5)		10:50			X	X				2
-5	SB-5 (.5-1)		14:30			X		X	X	Just PCBs	1
-6	SB-6 (.5-1)		14:20			X				TCL SVOC only	2
-7	SB-7 (.5-1)		12:20			X	X				2
-8	SB-8 (.5-1)		13:00			X				TCL SVOC only	2

Container Type
Preservative

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
	7-16-13 1300	James D. Rickus	7-16-13 1600
James D. Rickus	7-16-13 1815		7/16/13

FORM NO: 01-01 (rev. 14-OCT-07)