EMPIRE GEO SERVICES, INC.
A SUBSIDIARY OF SJB SERVICES, INC.

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Project No. BEV-14-003
March 3, 2014

Sleep Inn
1159 Main Street
Buffalo, New York 14202

Attention: *Mr. Fadi Dagher*
Mr. Fred Bou Jaoude

Phone: 716-725-2731
Fax: 716-884-6541
Email: fdager1@yahoo.com
Fbj007@gmail.com

Reference: Phase II Environmental Site Assessment
Summary Report for Subsurface Investigation
1159 Main Street
Buffalo, New York 14202

Dear Mr. Dagher and Mr. Bou Jaoude,

As authorized by Sleep Inn, Empire Geo-Services Inc. (Empire) completed a Phase II Environmental Site Assessment (ESA) subsurface soil investigation at the referenced site (subject site) on February 17, 2014. The purpose of the investigation was to determine if the presence of petroleum impacts associated with the historical gasoline filling station were on site. The findings of our work are presented in this summary report.

BACKGROUND

Empire recently completed a Phase I ESA of the referenced subject site. The findings of the ESA concluded an ASTM recognized environmental condition (REC) due to the historical operation of the subject property as a gasoline filling station prior to modern state and federal regulations for storage containers of hazardous materials. In addition, a controlled recognized environmental condition (CREC) was identified on the adjacent property to the east, which is owned and operated by Osmose, Inc. The adjacent property has had numerous spills. However, remediation of these spills is complete with ongoing treatment and monitoring of the groundwater occurring.

Therefore the purpose of this Phase II subsurface soil investigation was to explore for evidence of subsurface petroleum impacts, if any, associated with the former gasoline filling station in addition to any environmental impacts associated with the adjacent property.

DIRECT PUSH BORINGS

The subsurface soil investigation was completed on February 17, 2014 and included the advancement of nine (9) direct push soil probes, designated as DP-1 through DP-9. The soil probes were generally located throughout the site with a greater concentration near the location of the former USTs from the historical filling station and along the eastern limits of the subject property. Refer to the Subsurface Investigation Plan (Figure 2) included in Appendix A for exact locations of the direct push borings.

A track mounted Geoprobe® 6620DT direct push rig was used to complete the borings in general accordance with ASTM D6282, *Standard Guide for Direct Push Soil Sampling for Environmental Site Characterizations*. At each boring location, continuous soil samples were collected from the ground surface to the termination depth using the Geoprobe® Macro-Core (MC) soil sampler. The MC soil sampler recovers a 1.5-inch diameter soil sample with a maximum length of 48 inches. The sampler is fitted with a clear PVC liner and a removable cutting shoe. The liners are replaced after each sample collection. The MC soil sampler and cutting shoe were decontaminated between boring locations and sampling intervals to minimize the potential for cross-contamination.

The recovered soil samples were visually classified by an Empire geologist who prepared a subsurface log for each probe location. The geologist examined the soil samples for visual and olfactory indications of petroleum and screened the samples with a MiniRAE 3000 photoionization detector (PID). The PID is capable of detecting volatile organic vapor concentrations at a practical threshold of 1.0 part per million. PID readings recorded along with soil classifications are found on the subsurface logs in Appendix B.

SUBSURFACE CONDITIONS

A total of 37 soil samples were recovered from the nine direct push probes. Each probe was terminated at a depth of 16 feet with the exception of probe location DP-3, which was terminated at a depth of 20 feet.

Subsurface conditions encountered at the nine probe locations generally consisted of approximately 3 to 8 feet of silt, sand and gravel fill materials overlying native soils. In general, the fill soils got deeper across the site from west to east. The native soils typically consisted of sand and gravel with layers of silts and clays throughout.

Apparent perched groundwater was encountered at direct push borings DP-7 and DP-8 at a depth of approximately 10 to 11 feet below the ground surface.

PID measurements were at background levels on all recovered soil samples from all nine soil probe locations.

SAMPLING AND ANALYSIS

The soil sampling model was to collect soil samples for laboratory analysis that displayed the highest PID readings and/or had visual or olfactory evidence of petroleum impacts. Since no evidence of petroleum impacts was obtained on any of the recovered soil samples, one soil sample was collected in the vicinity of the former USTs associated with the historical filling station and one sample along the eastern property limit closest to the adjacent property to the

east with known spills. Each soil sample was collected at a depth of 8-12 feet, since this is the depth interval just below the bottom of a typical underground petroleum fuel storage tank.
The soil samples for lab analysis were placed into pre-cleaned 4 and 8 ounce glass containers, labeled with the date, time, location of project, and placed in an iced cooler at approximately 4 degrees Celsius for transport to Alpha Analytical, Inc. (Alpha) located in Westborough, Massachusetts. Alpha is a New York State Department of Health (NYSDOH) certified analytical testing laboratory. Chain-of-custody documentation accompanied the samples.

The two soil samples were analyzed by Alpha for volatile organic compounds (VOCs) utilizing Analytical Method 8260C for New York State Department of Environmental Conservation (NYSDEC) Spill Technology and Remediation Series (STARS) listed compounds. The soil samples were also analyzed for STARS listed semi-volatile organic compounds (SVOCs) utilizing Analytical Method 8270D for NYSDEC STARS listed compounds.

No STARS listed VOCs were detected in either of the two soil samples.

Three individual SVOCs were detected at concentrations above the laboratory detection limits at sample DP-3. However, all three concentrations were estimated by the laboratory and well below the guidelines determined by the Unrestricted Use Soil Cleanup Objectives for the NYSDEC Policy CP-51. Therefore, all STARS listed SVOCs were below the required regulatory limits.

Summary tables of the analytical laboratory results are attached with this report and the analytical report prepared by Alpha Analytical is included in Appendix C.

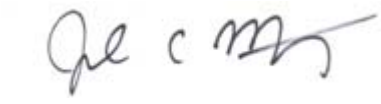
CONCLUSIONS

The Phase II subsurface soil investigation completed by Empire on February 17, 201 at 1159 Main Street in Buffalo, New York indicated no evidence of petroleum impacts on any soil samples recovered at the nine soil probe locations. Laboratory analysis of two soil samples indicated no detections above the regulatory limits for STARS VOCs or SVOCs. ***In Empire's opinion, the subject site does not appear to have been impacted by the historical presence of a filling station on site or spills occurring on the adjacent property based on the information obtained for this Phase II subsurface investigation.***

CLOSING

This project and report have been completed for the exclusive use of Sleep Inn and it's assigns in accordance with generally accepted environmental practices. Empire appreciates the opportunity to provide these services. If you have any questions or if we can provide further assistance, please contact our office at 716-649-8110.

Respectfully submitted,
EMPIRE GEOSERVICES, INC.



Jacob C Metzger, PE
Environmental Engineer

Attachments

Analytical Summary Tables

Appendices

A - Site Drawings

B - Subsurface Direst Push Logs

C - Alpha Analytical Laboratory Report

TABLE I
SUMMARY OF STARS VOLATILE ORGANIC COMPOUNDS
Sleep Inn
1159 Main Street - Buffalo, New York 14202

Sample Identification Depth Date	DP-3 8-12' 02/17/14	DP-7 8-12' 02/17/14	Unrestricted Use Cleanup Objectives - NYSDEC Policy CP-51
Analyte			
Benzene	ND	ND	60
n-Butylbenzene	ND	ND	12,000
sec-Butylbenzene	ND	ND	11,000
tert-Butylbenzene	ND	ND	5,900
Ethylbenzene	ND	ND	1,000
n-Propylbenzene	ND	ND	3,900
Isopropylbenzene	ND	ND	NA
p-Isopropyltoluene	ND	ND	10,000
Naphthalene	ND	ND	12,000
Toluene	ND	ND	700
1,2,4-Trimethylbenzene	ND	ND	3,600
1,3,5-Trimethylbenzene	ND	ND	8,400
Total Xylenes	ND	ND	260
Methyl tert butyl ether (MTBE)	ND	ND	930

NOTES:

1) All concentrations are presented in ug/kg or parts per billion (ppb).

2) ND denotes Not Detected above the laboratory detection limit.

3) All samples were anaylzed for VOC's by EPA Method 8260

4) Guidance values were obtained from the Unrestricted Use Soil Cleanup Objective Table in the NYSDEC Policy CP-51

TABLE 2
SUMMARY OF STARS SEMI-VOLATILE ORGANIC COMPOUNDS
Sleep Inn
1159 Main Street - Buffalo, New York 14202

Sample Identification Depth Date	DP-3 8-12' 02/17/14	DP-7 8-12' 02/17/14	Unrestricted Use Soil Cleanup Objectives - NYSDEC Policy CP-51
Analyte			
Anthracene	ND	ND	100,000
Acenaphthene	ND	ND	20,000
Benzo(a)anthracene	ND	ND	1,000
Benzo(a)pyrene	ND	ND	1,000
Benzo(b)fluoranthene	ND	ND	1,000
Benzo(g,h,i)perylene	ND	ND	100,000
Benzo(k)fluoranthene	ND	ND	800
Chrysene	ND	ND	1,000
Dibenzo(a,h)anthracene	ND	ND	330
Fluoranthene	***62***	ND	100,000
Fluorene	ND	ND	30,000
Indeno(1,2,3-cd)pyrene	ND	ND	500
Naphthalene	ND	ND	12,000
Phenanthrene	***60***	ND	100,000
Pyrene	***42***	ND	100,000

NOTES:

1) All concentrations are presented in ug/kg or parts per billion (ppb).

2) ND denotes Not Detected above the laboratory detection limit.

3) All samples were analyzed for semi-VOCs by EPA Method 8270

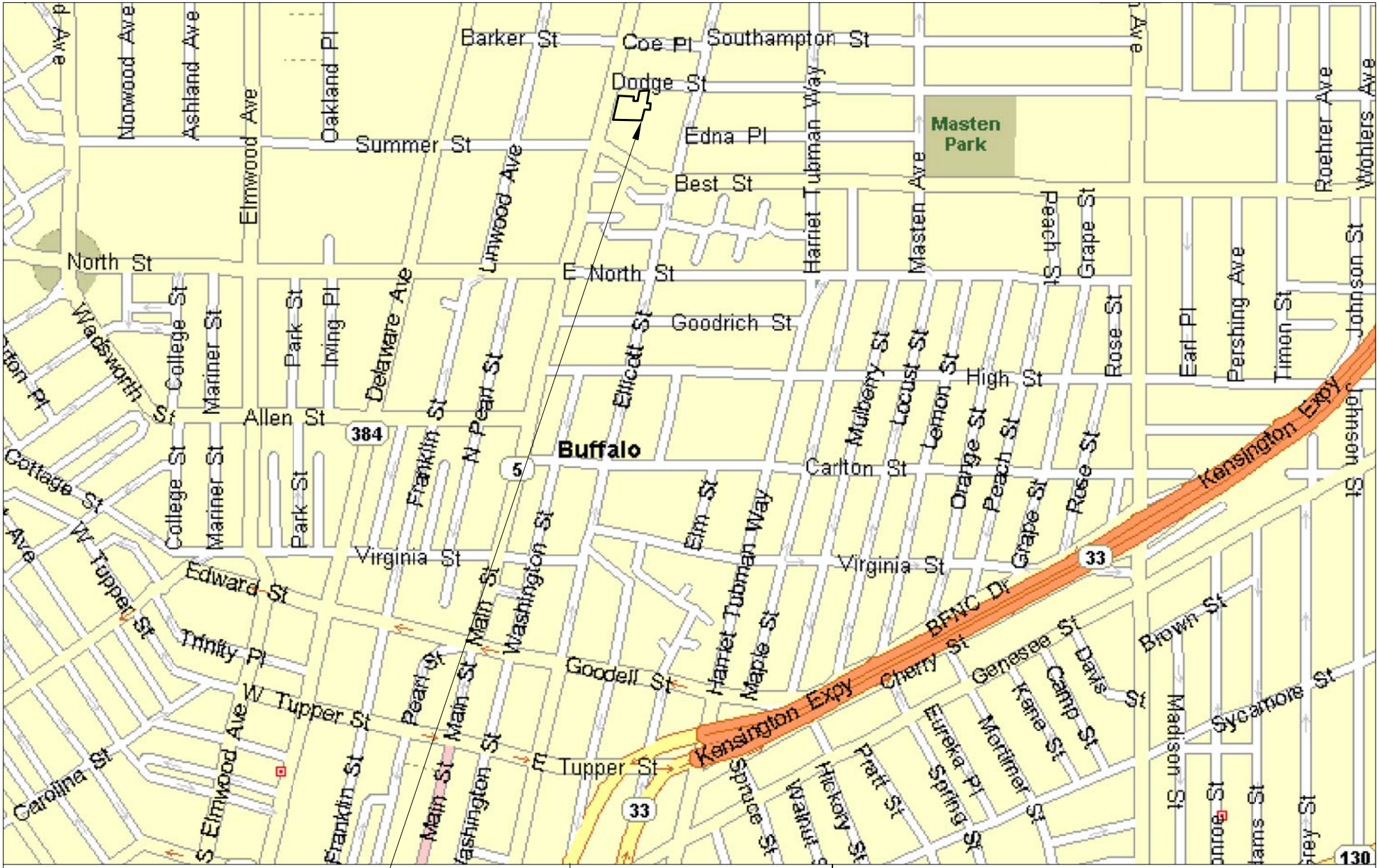
4) Guidance values were obtained from the Unrestricted Use Soil Cleanup Objective Table in the NYSDEC Policy CP-51

5) The SCOs for unrestricted use of individual chemicals not listed in Policy CP-51 were capped at a maximum value of 100,000 ppb as per the Technical Support Document (Section 9.3 in Table 9.3.1)

5) Concentrations observed in ***BOLD*** were estimated by the laboratory

APPENDIX A

Site Drawings



APPROXIMATE SITE LOCATION

N

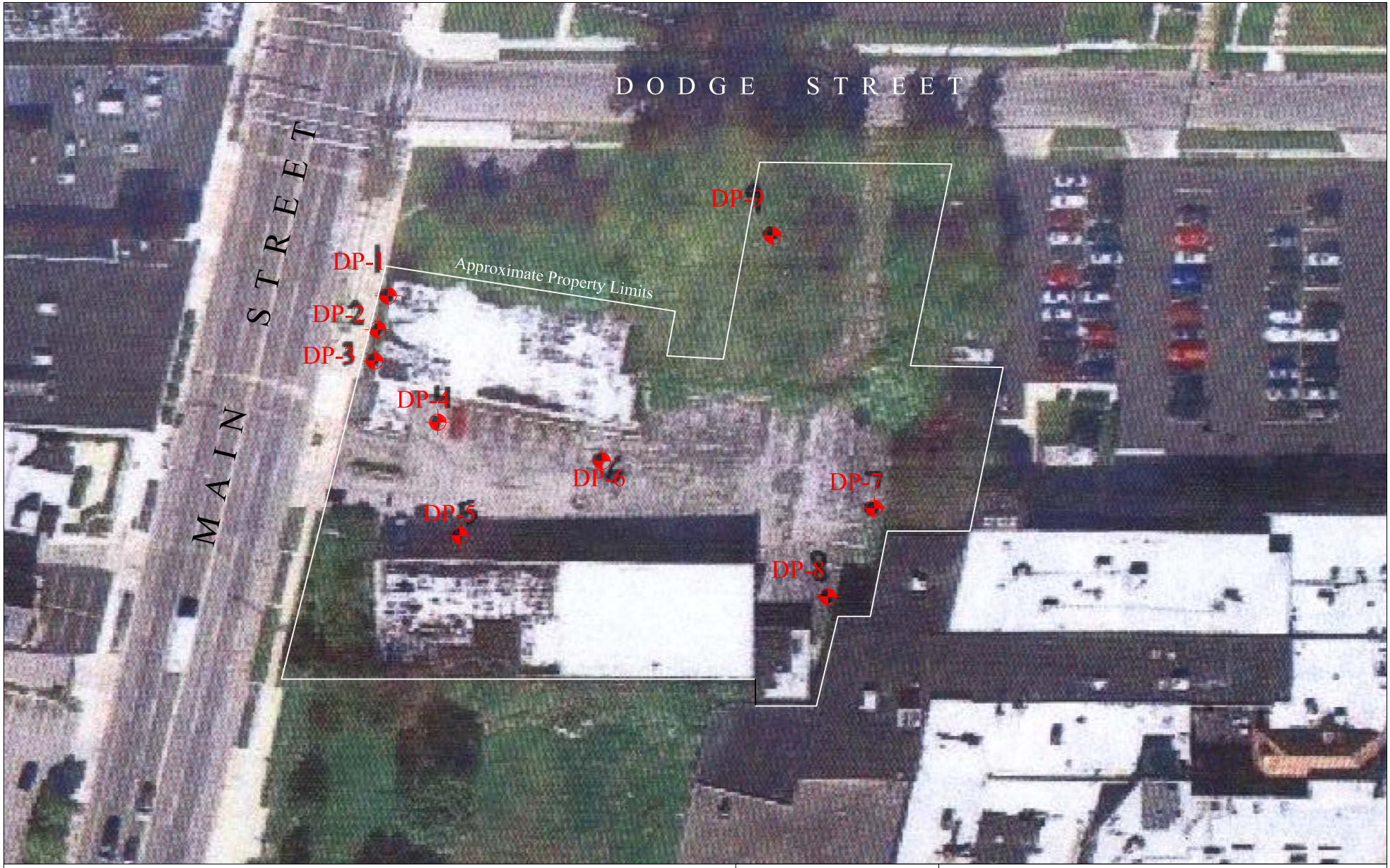
EMPIRE GEO SERVICES INC
a subsidiary of SJB Services, Inc.

PHASE II ENVIRONMENTAL SITE ASSESSMENT
SUBSURFACE INVESTIGATION
SLEEP INN
1159 MAIN STREET
BUFFALO, NEW YORK

NOTE:
SITE LOCATION PLAN DEVELOPED
FROM MICROSOFT STREETS & TRIPS 2006

SITE LOCATION MAP

DR BY: JCM	SCALE: NTS	PROJ NO.: BEV-14-003
CHKD BY: DRS	DATE: 02-28-14	FIGURE NO.: 1



NOTE:

SITE PLAN DEVELOPED FROM GOOGLE MAPS

LEGEND:

DP-2 APPROXIMATE LOCATION AND DESIGNATION OF THE DIRECT PUSH SOIL BORING LOCATIONS PERFORMED BY EMPIRE GEO SERVICES ON FEBRUARY 17, 2014

N

EMPIRE GEO SERVICES INC
a subsidiary of SJB Services, Inc.

PHASE II ENVIRONMENTAL SITE ASSESSMENT
SUBSURFACE INVESTIGATION
SLEEP INN
1159 MAIN STREET
BUFFALO, NEW YORK 14202

SUBSURFACE INVESTIGATION PLAN	DR BY: JCM	APPROX. SCALE: NTS	DATE: 02-28-14
	CHKD BY: DRS	PROJ NO.: BEV-14-003	FIGURE NO: 2

APPENDIX B

Subsurface Direct Push Logs

DATE:
START 2/17/2014
FINISH 2/17/2014
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. **DP-1**
SURF. ELEV NA
G.W. DEPTH

PROJECT: Sleep Inn
1159 Main Street - Buffalo, NY 14202

LOCATION: See Subsurface Investigation Plan (Figure 2)

DEPTH FT.	SMPL NO.	REC (inches)	PID (ppm)	SOIL OR ROCK CLASSIFICATION	NOTES
			BG	Topsoil	
	1	30		Brown sandy SILT, some gravel (moist, FILL)	
4				Brown f-c SAND, little silt (moist, SM-SP)	
	2	30		same	
8					
	3	24		same	
12					
	4	26		Brown f-c SAND and f-c GRAVEL (moist, SP-GP)	
16				End of Boring at 16.0'	
20					
24					PID=Photo Ionization Detector BG=Background Levels

DRILLER: *Art Koske* DRILL RIG TYPE : *Geoprobe 6620DT Track Rig* CLASSIFICATION: *Visual by Environmental Scientist*

METHOD OF INVESTIGATION *ASTM 6282 - Direct Push Sampling*

DATE:
START 2/17/2014
FINISH 2/17/2014
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. **DP-2**
SURF. ELEV NA
G.W. DEPTH

PROJECT: Sleep Inn
1159 Main Street - Buffalo, NY 14202

LOCATION: See Subsurface Investigation Plan (Figure 2)

DEPTH FT.		SMPL NO.	REC (inches)	PID (ppm)	SOIL OR ROCK CLASSIFICATION	NOTES
				BG	Topsoil	
		1	30		Black-brown sand SILT, tr organics, tr gravel (moist, FILL)	
4					Brown fine SAND, little silt (moist, SW)	
		2	30		same	
8					same	
		3	36		Brown f-c SAND and f-c GRAVEL (moist, SP-GP)	
12						
		4	30		same	
16					End of Boring at 16.0'	
20						
24						PID=Photo Ionization Detector BG=Background Levels

DRILLER: *Art Koske* DRILL RIG TYPE : *Geoprobe 6620DT Track Rig* CLASSIFICATION: *Visual by Environmental Scientist*

METHOD OF INVESTIGATION *ASTM 6282 - Direct Push Sampling*

DATE:
START 2/17/2014
FINISH 2/17/2014
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. **DP-3**
SURF. ELEV NA
G.W. DEPTH

PROJECT: Sleep Inn
1159 Main Street - Buffalo, NY 14202
LOCATION: See Subsurface Investigation Plan (Figure 2)

DEPTH FT.		SMPL NO.	REC (inches)	PID (ppm)	SOIL OR ROCK CLASSIFICATION	NOTES
				BG	Topsoil	
		1	24		Brown-black sandy SILT, some gravel (moist, FILL)	
					Brown silty CLAY, tr organics (moist, FILL)	
4						
		2	24		Brown fine SAND, little silt (moist, SW)	
					same	
8						
		3	30			Composite Analytical
					Brown f-c SAND and f-c GRAVEL (moist, SP-GP)	Sample Obtained from 8-12'
12						
		4	42		Brown f-c SAND (moist, SP)	
16						
		5	48		same	
				↓		
20					End of Boring at 20.0'	
						PID=Photo Ionization Detector
24						BG=Background Levels

DRILLER: *Art Koske* DRILL RIG TYPE : *Geoprobe 6620DT Track Rig* CLASSIFICATION: *Visual by Environmental Scientist*
METHOD OF INVESTIGATION *ASTM 6282 - Direct Push Sampling*

DATE:
START 2/17/2014
FINISH 2/17/2014
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. **DP-4**
SURF. ELEV NA
G.W. DEPTH

PROJECT: Sleep Inn
1159 Main Street - Buffalo, NY 14202

LOCATION: See Subsurface Investigation Plan (Figure 2)

DEPTH FT.		SMPL NO.	REC (inches)	PID (ppm)	SOIL OR ROCK CLASSIFICATION	NOTES
		1	36	BG	Asphalt Brown-black f-c SAND, some gravel, little silt, tr clay (moist, FILL)	
4		2	42		Brown f-c SAND, little gravel (moist, FILL) Red brick fragments (FILL) Brown CLAY, some f-c gravel, tr silt (moist, CL)	
8		3	30		Brown f-c SAND, tr silt (moist, SP)	
12		4	36		same Brown f-c SAND and f-c GRAVEL (moist, SP-GP)	
16					End of Boring at 16.0'	
20						
24						PID=Photo Ionization Detector BG=Background Levels

DRILLER: *Art Koske* DRILL RIG TYPE : *Geoprobe 6620DT Track Rig* CLASSIFICATION: *Visual by Environmental Scientist*

METHOD OF INVESTIGATION *ASTM 6282 - Direct Push Sampling*

DATE:
START 2/17/2014
FINISH 2/17/2014
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. **DP-5**
SURF. ELEV NA
G.W. DEPTH

PROJECT: Sleep Inn
1159 Main Street - Buffalo, NY 14202

LOCATION: See Subsurface Investigation Plan (Figure 2)

DEPTH FT.	SMPL NO.	REC (inches)	PID (ppm)	SOIL OR ROCK CLASSIFICATION	NOTES
			BG	Asphalt	
	1	36		Brown-black f-c SAND, some gravel, tr slag, tr brick fragments (moist, FILL)	
4				Brown fine SAND, little silt (moist, SW)	
	2	36		same	
8				same	
	3	42		Brown-red sandy SILT, little clay, tr gravel (moist, ML)	
12				Brown f-c SAND (moist, SP)	
	4	48		contains "little gravel"	
16				End of Boring at 16.0'	
20					
24					PID=Photo Ionization Detector BG=Background Levels

DRILLER: *Art Koske* DRILL RIG TYPE : *Geoprobe 6620DT Track Rig* CLASSIFICATION: *Visual by Environmental Scientist*

METHOD OF INVESTIGATION *ASTM 6282 - Direct Push Sampling*

DATE:
START 2/17/2014
FINISH 2/17/2014
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. **DP-6**
SURF. ELEV NA
G.W. DEPTH

PROJECT: Sleep Inn
1159 Main Street - Buffalo, NY 14202

LOCATION: See Subsurface Investigation Plan (Figure 2)

DEPTH FT.		SMPL NO.	REC (inches)	PID (ppm)	SOIL OR ROCK CLASSIFICATION	NOTES
		1	36	BG	Asphalt Black f-c SAND, little gravel, tr silt (moist, FILL) Red brick fragments, some gravel (moist, FILL)	
4		2	36		Black sandy SILT, little gravel (moist, FILL) Brown fine SAND, little silt (moist, SW)	
8		3	42		same Red-brown silty CLAY, tr gravel (moist, CL-ML)	
12		4	0		same	No Recovery S-4
16					End of Boring at 16.0'	
20						
24						PID=Photo Ionization Detector BG=Background Levels

DRILLER: *Art Koske* DRILL RIG TYPE : *Geoprobe 6620DT Track Rig* CLASSIFICATION: *Visual by Environmental Scientist*
METHOD OF INVESTIGATION *ASTM 6282 - Direct Push Sampling*

DATE:
START 2/17/2014
FINISH 2/17/2014
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. **DP-7**
SURF. ELEV NA
G.W. DEPTH

PROJECT: Sleep Inn
1159 Main Street - Buffalo, NY 14202

LOCATION: See Subsurface Investigation Plan (Figure 2)

DEPTH FT.		SMPL NO.	REC (inches)	PID (ppm)	SOIL OR ROCK CLASSIFICATION	NOTES
				BG	Asphalt	
		1	24		Black sandy SILT, little gravel, tr brick frags (moist, FILL)	
					Brown fine SAND, little silt, tr clay (moist, FILL)	
4						
		2	30		Dark brown-tan silty CLAY, tr ash, tr sand, tr organics (moist, FILL)	
8						
		3	30		Olive-brown fine SAND, some silt (moist, SM)	Composite Analytical Sample Obtained from 8-12'
					(wet)	
12						
		4	42		Red-brown silty CLAY, tr gravel (moist, CL-ML)	
					same	
16						
					End of Boring at 16.0'	
20						
						PID=Photo Ionization Detector
24						BG=Background Levels

DRILLER: *Art Koske* DRILL RIG TYPE : *Geoprobe 6620DT Track Rig* CLASSIFICATION: *Visual by Environmental Scientist*
METHOD OF INVESTIGATION *ASTM 6282 - Direct Push Sampling*

DATE:
START 2/17/2014
FINISH 2/17/2014
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. **DP-8**
SURF. ELEV NA
G.W. DEPTH

PROJECT: Sleep Inn
1159 Main Street - Buffalo, NY 14202

LOCATION: See Subsurface Investigation Plan (Figure 2)

DEPTH FT.	SMPL NO.	REC (inches)	PID (ppm)	SOIL OR ROCK CLASSIFICATION	NOTES
	1	20	BG	Asphalt	
				Gray f-c GRAVEL, some sand, tr silt (moist, FILL)	
				Red brick fragments (moist, FILL)	
4				Brown f-c SAND, some gravel, tr silt (moist, FILL)	
	2	24		Red-brown sandy SILT, little gravel (moist, FILL)	
				Black-brown f-c SAND, some gravel, tr red brick fragments, tr ash (moist, FILL)	
8				Olive-brown fine SAND, little silt (moist, SM)	
	3	24		(wet)	
12				Red-brown silty CLAY (moist, CL-ML)	
	4	36			
16				End of Boring at 16.0'	
20					
24					PID=Photo Ionization Detector BG=Background Levels

DRILLER: *Art Koske* DRILL RIG TYPE : *Geoprobe 6620DT Track Rig* CLASSIFICATION: *Visual by Environmental Scientist*
METHOD OF INVESTIGATION *ASTM 6282 - Direct Push Sampling*

DATE:
START 2/17/2014
FINISH 2/17/2014
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. **DP-9**
SURF. ELEV NA
G.W. DEPTH

PROJECT: Sleep Inn
1159 Main Street - Buffalo, NY 14202

LOCATION: See Subsurface Investigation Plan (Figure 2)

DEPTH FT.		SMPL NO.	REC (inches)	PID (ppm)	SOIL OR ROCK CLASSIFICATION	NOTES
		1	30	BG	Topsoil Black sandy SILT, tr clay, tr red brick fragments (moist, FILL)	
4		2	30		Black-brown f-c SAND, little gravel, some silt, tr organics, tr red brick fragments (moist, FILL)	
8		3	36		Red-brown silty CLAY, little sand, occasional seams of silt (moist, CL-ML)	
12		4	30		Brown f-c SAND, little silt (moist, SM)	
16					End of Boring at 16.0'	
20						
24						PID=Photo Ionization Detector BG=Background Levels

DRILLER: *Art Koske* DRILL RIG TYPE : *Geoprobe 6620DT Track Rig* CLASSIFICATION: *Visual by Environmental Scientist*

METHOD OF INVESTIGATION *ASTM 6282 - Direct Push Sampling*

APPENDIX C

Alpha Analytical Laboratory Report

ANALYTICAL REPORT

Lab Number:	L1403650
Client:	SJB Services, Inc 5167 South Park Ave. Hamburg, NY 14705
ATTN:	Dave Steiner
Phone:	(716) 649-8110
Project Name:	SLEEP INN
Project Number:	BEV-14-003
Report Date:	02/24/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1403650-01	DP-3 @ 8-12'	BUFFALO, NY (1159 MAIN ST)	02/17/14 10:15
L1403650-02	DP-7 @ 8-12'	BUFFALO, NY (1159 MAIN ST)	02/17/14 13:15

Project Name: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

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

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

Project Name: SLEEP INN
Project Number: BEV-14-003
Lab Number: L1403650
Report Date: 02/24/14

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.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

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

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 02/24/14

ORGANICS

VOLATILES

Project Name: SLEEP INN
Lab Number: L1403650
Project Number: BEV-14-003
Report Date: 02/24/14

SAMPLE RESULTS

Lab ID: L1403650-01
Client ID: DP-3 @ 8-12'
Sample Location: BUFFALO, NY (1159 MAIN ST)
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/20/14 10:05
Analyst: BN
Percent Solids: 95%

Date Collected: 02/17/14 10:15
Date Received: 02/17/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.6	0.12	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.11	1
p/m-Xylene	ND		ug/kg	2.1	0.34	1
o-Xylene	ND		ug/kg	2.1	0.28	1
n-Butylbenzene	ND		ug/kg	1.0	0.21	1
sec-Butylbenzene	ND		ug/kg	1.0	0.22	1
tert-Butylbenzene	ND		ug/kg	5.2	0.59	1
Isopropylbenzene	ND		ug/kg	1.0	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.20	1
Naphthalene	ND		ug/kg	5.2	0.81	1
n-Propylbenzene	ND		ug/kg	1.0	0.13	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.2	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.2	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	97		70-130

Project Name: SLEEP INN
Lab Number: L1403650
Project Number: BEV-14-003
Report Date: 02/24/14

SAMPLE RESULTS

Lab ID: L1403650-02
Client ID: DP-7 @ 8-12'
Sample Location: BUFFALO, NY (1159 MAIN ST)
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/20/14 10:33
Analyst: BN
Percent Solids: 85%

Date Collected: 02/17/14 13:15
Date Received: 02/17/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.13	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.12	1
p/m-Xylene	ND		ug/kg	2.4	0.38	1
o-Xylene	ND		ug/kg	2.4	0.32	1
n-Butylbenzene	ND		ug/kg	1.2	0.23	1
sec-Butylbenzene	ND		ug/kg	1.2	0.24	1
tert-Butylbenzene	ND		ug/kg	5.9	0.66	1
Isopropylbenzene	ND		ug/kg	1.2	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.23	1
Naphthalene	ND		ug/kg	5.9	0.91	1
n-Propylbenzene	ND		ug/kg	1.2	0.15	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.9	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.9	0.68	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	98		70-130

Project Name: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/20/14 09:09
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG671580-3					
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.11
Ethylbenzene	ND		ug/kg	1.0	0.15
Methyl tert butyl ether	ND		ug/kg	2.0	0.10
p/m-Xylene	ND		ug/kg	2.0	0.32
o-Xylene	ND		ug/kg	2.0	0.27
n-Butylbenzene	ND		ug/kg	1.0	0.20
sec-Butylbenzene	ND		ug/kg	1.0	0.20
tert-Butylbenzene	ND		ug/kg	5.0	0.56
Isopropylbenzene	ND		ug/kg	1.0	0.17
p-Isopropyltoluene	ND		ug/kg	1.0	0.19
Naphthalene	ND		ug/kg	5.0	0.77
n-Propylbenzene	ND		ug/kg	1.0	0.12
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG671580-1 WG671580-2								
Methylene chloride	104		101		70-130	3		30
1,1-Dichloroethane	101		100		70-130	1		30
Chloroform	102		99		70-130	3		30
Carbon tetrachloride	101		98		70-130	3		30
1,2-Dichloropropane	105		101		70-130	4		30
Dibromochloromethane	96		94		70-130	2		30
2-Chloroethylvinyl ether	105		101		70-130	4		30
1,1,2-Trichloroethane	102		100		70-130	2		30
Tetrachloroethene	97		92		70-130	5		30
Chlorobenzene	100		97		70-130	3		30
Trichlorofluoromethane	101		99		70-139	2		30
1,2-Dichloroethane	103		102		70-130	1		30
1,1,1-Trichloroethane	99		96		70-130	3		30
Bromodichloromethane	102		100		70-130	2		30
trans-1,3-Dichloropropene	99		98		70-130	1		30
cis-1,3-Dichloropropene	102		99		70-130	3		30
1,1-Dichloropropene	102		100		70-130	2		30
Bromoform	90		92		70-130	2		30
1,1,2,2-Tetrachloroethane	100		102		70-130	2		30
Benzene	100		97		70-130	3		30
Toluene	97		94		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG671580-1 WG671580-2								
Ethylbenzene	100		97		70-130	3		30
Chloromethane	82		80		52-130	2		30
Bromomethane	119		114		57-147	4		30
Vinyl chloride	87		86		67-130	1		30
Chloroethane	97		94		50-151	3		30
1,1-Dichloroethene	97		94		65-135	3		30
trans-1,2-Dichloroethene	97		96		70-130	1		30
Trichloroethene	102		99		70-130	3		30
1,2-Dichlorobenzene	102		101		70-130	1		30
1,3-Dichlorobenzene	104		103		70-130	1		30
1,4-Dichlorobenzene	105		104		70-130	1		30
Methyl tert butyl ether	93		93		66-130	0		30
p/m-Xylene	100		96		70-130	4		30
o-Xylene	98		96		70-130	2		30
cis-1,2-Dichloroethene	100		96		70-130	4		30
Dibromomethane	101		100		70-130	1		30
Styrene	100		97		70-130	3		30
Dichlorodifluoromethane	66		67		30-146	2		30
Acetone	112		108		54-140	4		30
Carbon disulfide	93		90		59-130	3		30
2-Butanone	102		104		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG671580-1 WG671580-2								
Vinyl acetate	91		91		70-130	0		30
4-Methyl-2-pentanone	92		96		70-130	4		30
1,2,3-Trichloropropane	101		98		68-130	3		30
2-Hexanone	82		83		70-130	1		30
Bromochloromethane	98		97		70-130	1		30
2,2-Dichloropropane	100		95		70-130	5		30
1,2-Dibromoethane	95		94		70-130	1		30
1,3-Dichloropropane	98		97		69-130	1		30
1,1,1,2-Tetrachloroethane	98		96		70-130	2		30
Bromobenzene	97		96		70-130	1		30
n-Butylbenzene	114		113		70-130	1		30
sec-Butylbenzene	106		103		70-130	3		30
tert-Butylbenzene	101		100		70-130	1		30
o-Chlorotoluene	113		111		70-130	2		30
p-Chlorotoluene	107		105		70-130	2		30
1,2-Dibromo-3-chloropropane	94		99		68-130	5		30
Hexachlorobutadiene	99		98		67-130	1		30
Isopropylbenzene	100		99		70-130	1		30
p-Isopropyltoluene	105		104		70-130	1		30
Naphthalene	95		99		70-130	4		30
Acrylonitrile	93		98		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG671580-1 WG671580-2								
Isopropyl Ether	98		96		66-130	2		30
tert-Butyl Alcohol	91		96		70-130	5		30
n-Propylbenzene	104		103		70-130	1		30
1,2,3-Trichlorobenzene	100		102		70-130	2		30
1,2,4-Trichlorobenzene	107		108		70-130	1		30
1,3,5-Trimethylbenzene	103		102		70-130	1		30
1,2,4-Trimethylbenzene	105		103		70-130	2		30
Methyl Acetate	90		91		51-146	1		30
Ethyl Acetate	84		79		70-130	6		30
Acrolein	85		90		70-130	6		30
Cyclohexane	103		99		59-142	4		30
1,4-Dioxane	107		105		65-136	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	103		100		50-139	3		30
1,4-Diethylbenzene	110		108		70-130	2		30
4-Ethyltoluene	106		104		70-130	2		30
1,2,4,5-Tetramethylbenzene	106		104		70-130	2		30
Tetrahydrofuran	84		88		66-130	5		30
Ethyl ether	93		94		67-130	1		30
trans-1,4-Dichloro-2-butene	106		109		70-130	3		30
Methyl cyclohexane	103		99		70-130	4		30
Ethyl-Tert-Butyl-Ether	97		95		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG671580-1 WG671580-2								
Tertiary-Amyl Methyl Ether	94		93		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		102		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	100		103		70-130
Dibromofluoromethane	100		101		70-130

SEMIVOLATILES

Project Name: SLEEP INN **Lab Number:** L1403650

Project Number: BEV-14-003 **Report Date:** 02/24/14

SAMPLE RESULTS

Lab ID:	L1403650-01	Date Collected:	02/17/14 10:15
Client ID:	DP-3 @ 8-12'	Date Received:	02/17/14
Sample Location:	BUFFALO, NY (1159 MAIN ST)	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	02/19/14 11:48
Analytical Date:	02/21/14 15:30		
Analyst:	JB		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	35.	1
Fluoranthene	62	J	ug/kg	100	31.	1
Naphthalene	ND		ug/kg	170	56.	1
Benzo(a)anthracene	ND		ug/kg	100	33.	1
Benzo(a)pyrene	ND		ug/kg	140	41.	1
Benzo(b)fluoranthene	ND		ug/kg	100	34.	1
Benzo(k)fluoranthene	ND		ug/kg	100	32.	1
Chrysene	ND		ug/kg	100	33.	1
Anthracene	ND		ug/kg	100	28.	1
Benzo(ghi)perylene	ND		ug/kg	140	35.	1
Fluorene	ND		ug/kg	170	48.	1
Phenanthrene	60	J	ug/kg	100	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	38.	1
Pyrene	42	J	ug/kg	100	33.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	96		18-120

Project Name: SLEEP INN **Lab Number:** L1403650

Project Number: BEV-14-003 **Report Date:** 02/24/14

SAMPLE RESULTS

Lab ID:	L1403650-02	Date Collected:	02/17/14 13:15
Client ID:	DP-7 @ 8-12'	Date Received:	02/17/14
Sample Location:	BUFFALO, NY (1159 MAIN ST)	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	02/19/14 11:48
Analytical Date:	02/21/14 15:58		
Analyst:	JB		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	40.	1
Fluoranthene	ND		ug/kg	120	36.	1
Naphthalene	ND		ug/kg	190	64.	1
Benzo(a)anthracene	ND		ug/kg	120	38.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	39.	1
Benzo(k)fluoranthene	ND		ug/kg	120	37.	1
Chrysene	ND		ug/kg	120	38.	1
Anthracene	ND		ug/kg	120	32.	1
Benzo(ghi)perylene	ND		ug/kg	160	40.	1
Fluorene	ND		ug/kg	190	56.	1
Phenanthrene	ND		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	38.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	43.	1
Pyrene	ND		ug/kg	120	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	55		18-120

Project Name: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/21/14 08:36
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 02/19/14 11:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG671186-1					
Acenaphthene	ND		ug/kg	130	34.
Fluoranthene	ND		ug/kg	98	30.
Naphthalene	ND		ug/kg	160	54.
Benzo(a)anthracene	ND		ug/kg	98	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/21/14 08:36
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 02/19/14 11:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG671186-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	82		0-136
4-Terphenyl-d14	81		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG671186-2 WG671186-3								
Acenaphthene	82		86		31-137	5		50
Benzidine	21		24			13		50
n-Nitrosodimethylamine	70		71			1		50
1,2,4-Trichlorobenzene	82		87		38-107	6		50
Hexachlorobenzene	86		91		40-140	6		50
Bis(2-chloroethyl)ether	75		81		40-140	8		50
2-Chloronaphthalene	82		87		40-140	6		50
1,2-Dichlorobenzene	80		83		40-140	4		50
1,3-Dichlorobenzene	80		83		40-140	4		50
1,4-Dichlorobenzene	80		83		28-104	4		50
3,3'-Dichlorobenzidine	71		76		40-140	7		50
2,4-Dinitrotoluene	84		89		28-89	6		50
2,6-Dinitrotoluene	77		83		40-140	8		50
Fluoranthene	88		91		40-140	3		50
4-Chlorophenyl phenyl ether	84		89		40-140	6		50
4-Bromophenyl phenyl ether	84		89		40-140	6		50
Azobenzene	80		88		40-140	10		50
Bis(2-chloroisopropyl)ether	66		70		40-140	6		50
Bis(2-chloroethoxy)methane	74		80		40-117	8		50
Hexachlorobutadiene	82		87		40-140	6		50
Hexachlorocyclopentadiene	61		67		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SLEEP INN

Project Number: BEV-14-003

Lab Number: L1403650

Report Date: 02/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG671186-2 WG671186-3								
Hexachloroethane	74		77		40-140	4		50
Isophorone	72		78		40-140	8		50
Naphthalene	79		84		40-140	6		50
Nitrobenzene	80		83		40-140	4		50
NitrosoDiPhenylAmine(NDPA)/DPA	84		89			6		50
n-Nitrosodi-n-propylamine	73		77		32-121	5		50
Bis(2-Ethylhexyl)phthalate	89		96		40-140	8		50
Butyl benzyl phthalate	85		87		40-140	2		50
Di-n-butylphthalate	89		92		40-140	3		50
Di-n-octylphthalate	91		96		40-140	5		50
Diethyl phthalate	83		89		40-140	7		50
Dimethyl phthalate	82		88		40-140	7		50
Benzo(a)anthracene	90		96		40-140	6		50
Benzo(a)pyrene	84		96		40-140	13		50
Benzo(b)fluoranthene	86		90		40-140	5		50
Benzo(k)fluoranthene	88		92		40-140	4		50
Chrysene	88		95		40-140	8		50
Acenaphthylene	77		82		40-140	6		50
Anthracene	88		91		40-140	3		50
Benzo(ghi)perylene	92		97		40-140	5		50
Fluorene	82		89		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG671186-2 WG671186-3								
Phenanthrene	87		90		40-140	3		50
Dibenzo(a,h)anthracene	91		95		40-140	4		50
Indeno(1,2,3-cd)Pyrene	91		95		40-140	4		50
Pyrene	87		90		35-142	3		50
Biphenyl	105		111			6		50
Aniline	47		55		40-140	16		50
4-Chloroaniline	69		69		40-140	0		50
2-Nitroaniline	80		86		47-134	7		50
3-Nitroaniline	36		41		26-129	13		50
4-Nitroaniline	85		90		41-125	6		50
Dibenzofuran	85		91		40-140	7		50
2-Methylnaphthalene	82		87		40-140	6		50
1,2,4,5-Tetrachlorobenzene	104		108		40-117	4		50
Acetophenone	94		98		14-144	4		50
2,4,6-Trichlorophenol	82		89		30-130	8		50
P-Chloro-M-Cresol	81		88		26-103	8		50
2-Chlorophenol	81		86		25-102	6		50
2,4-Dichlorophenol	84		89		30-130	6		50
2,4-Dimethylphenol	74		80		30-130	8		50
2-Nitrophenol	76		83		30-130	9		50
4-Nitrophenol	87		95		11-114	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SLEEP INN

Project Number: BEV-14-003

Lab Number: L1403650

Report Date: 02/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG671186-2 WG671186-3								
2,4-Dinitrophenol	80		85		4-130	6		50
4,6-Dinitro-o-cresol	85		93		10-130	9		50
Pentachlorophenol	91		92		17-109	1		50
Phenol	80		84		26-90	5		50
2-Methylphenol	77		83		30-130.	8		50
3-Methylphenol/4-Methylphenol	79		86		30-130	8		50
2,4,5-Trichlorophenol	83		88		30-130	6		50
Benzoic Acid	63		65			3		50
Benzyl Alcohol	77		81		40-140	5		50
Carbazole	93		94		54-128	1		50
Benzaldehyde	90		95			5		50
Caprolactam	94		98			4		50
Atrazine	105		106			1		50
2,3,4,6-Tetrachlorophenol	85		89			5		50
Pyridine	61		60		10-93	2		50
Parathion, ethyl	86		94		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG671186-2 WG671186-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	93		98		25-120
Phenol-d6	89		92		10-120
Nitrobenzene-d5	85		88		23-120
2-Fluorobiphenyl	89		93		30-120
2,4,6-Tribromophenol	104		108		0-136
4-Terphenyl-d14	97		97		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

SAMPLE RESULTS

Lab ID: L1403650-01
Client ID: DP-3 @ 8-12'
Sample Location: BUFFALO, NY (1159 MAIN ST)
Matrix: Soil

Date Collected: 02/17/14 10:15
Date Received: 02/17/14
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	95.2		%	0.100	NA	1	-	02/18/14 15:52	30,2540G	SB

Project Name: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

SAMPLE RESULTS

Lab ID: L1403650-02
Client ID: DP-7 @ 8-12'
Sample Location: BUFFALO, NY (1159 MAIN ST)
Matrix: Soil

Date Collected: 02/17/14 13:15
Date Received: 02/17/14
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	84.6		%	0.100	NA	1	-	02/18/14 15:52	30,2540G	SB

Lab Duplicate Analysis
Batch Quality Control

Project Name: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG671230-1 QC Sample: L1403611-01 Client ID: DUP Sample						
Solids, Total	94.5	80.3	%	16		20

Project Name: SLEEP INN
Project Number: BEV-14-003

Lab Number: L1403650
Report Date: 02/24/14

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(*)
L1403650-01A	Glass 120ml unpreserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1403650-01B	Amber 250ml unpreserved	A	N/A	2.4	Y	Absent	NYTCL-8270(14),TS(7)
L1403650-02A	Glass 120ml unpreserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1403650-02B	Amber 250ml unpreserved	A	N/A	2.4	Y	Absent	NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	SLEEP INN	**Lab Number:**	L1403650
Project Number:	BEV-14-003	**Report Date:**	02/24/14

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

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:	SLEEP INN	**Lab Number:**	L1403650
Project Number:	BEV-14-003	**Report Date:**	02/24/14

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:	SLEEP INN	**Lab Number:**	L1403650
Project Number:	BEV-14-003	**Report Date:**	02/24/14

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.

Certification Information

Last revised December 11, 2013

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
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 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 2/19/14

ALPHA Job #: L1403650

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

Client Information

Client: Empire Geo Services
Address: 5167 South Park Ave
Hamburg, NY 14075
Phone: 716-649-8110
Fax: 716-649-8051
Email: jmetzger@sjbempire.net

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Sleep Inn
Project Location: Buffalo, NY (1159 Main St)
Project #: REV-14-003
Project Manager: Dave Steiner
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 5-day TA 2/25/14 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #: 16194

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: STARS VOCs	STARS sVOCs	Sample Specific Comments
03650-01	DP-3 @ 8-12'	2-17-14	10:15	soil	JCM	X	X	
-02	DP-7 @ 8-12'	2-17-14	13:15	soil	JCM	X	X	

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

TOTAL # BOTTLES

Container Type																					
Preservative																					

Relinquished By:	Date/Time	Received By:	Date/Time
Jacob Metzger - JCM	2-17-14 16:55		2/17/14 1655
	2/18/14 16:45		2/18/14 1845
	2/18/14 2240		2/18/14 2210
	2/19/14 00:38		2/19/14 00:38

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)