NHDES Waste Management Division
29 Hazen Drive; PO Box 95
Concord, New Hampshire 03302-0095

UNDERGROUND STORAGE TANK CLOSURE SUMMARY

FORMER DRAPER ENERGY CO; INC.
148 MAIN STREET
WILTON, NEW HAMPSHIRE
NHDES #199302018
UST FACILITY #0111761
MTBE PROJECT # 0034959

Prepared For:
Clean Harbors Environmental Services, Inc.
20 Dunklee Road
Bow, New Hampshire 03304
(603) 224-6626
Contact: Scott Kendall
Email: Kendall.scott@cleanharbors.com

Prepared By:
GeoInsight, Inc.
186 Granite Street, 3rd Floor, Suite A
Manchester, New Hampshire 03101
(603) 314-0820
Contact: Peter D. Frank, P.G.
Email: pdfrank@geoinc.com

Peter D. Frank

Digitally signed by Peter D. Frank
DN: cn=Peter D. Frank, o=GeoInsight, Inc., ou, email=pdfrank@geoinc.com, c=US
Date: 2015.06.09 13:57:13 -04'00'

June 9, 2015
GeoInsight Project 7690-000

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Environmental Strategy & Engineering
Practical in Nature

June 9, 2015 GeoInsight Project 7690-000

John Pasquale, P.G.
NHDES-WMD
MTBE Bureau
29 Hazen Drive, PO Box 95
Concord, New Hampshire 03302-0095

RE: Underground Storage Tank Closure Report
Former Draper Energy Co; Inc.
148 Main Street
Wilton, New Hampshire
NHDES #199302018
UST Facility #0111761
MTBE Project #0034959

Dear Mr. Pasquale:

On behalf of Clean Harbors Environmental Services, Inc. (Clean Harbors) of Bow, New Hampshire, GeoInsight, Inc. (GeoInsight) was retained to complete the underground storage tank (UST) closure activities, sampling, and this UST Closure Report. On May 7, 2015, GeoInsight oversaw the removal of one 3,000-gallon gasoline UST and one 8,000-gallon gasoline UST at the Former Draper Energy Co; Inc. facility located at 148 Main Street in Wilton, New Hampshire (Figure 1).

PROPERTY AND UNDERGROUND STORAGE TANK INFORMATION

The property is identified by the New Hampshire Department of Environmental Services (NHDES) as Site #199302018 and UST Facility #0111761. One 3,000-gallon gasoline UST and one 8,000-gallon gasoline UST were located on the property. According to the NHDES OneStop database, these UST's were installed on October 1, 1998. Additionally, three gasoline USTs, one diesel UST, and one #2 heating oil UST were historically located on the property and were reportedly removed on September 23, 1998 and December 1, 1992, respectively. One 3,000-gallon diesel UST and one 2,000-gallon #2 heating oil UST are listed as remaining on-site according to the NHDES OneStop database.

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Tel (603) 314-0820
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GeoInsight, Inc.
200 Court Street, 2nd Floor
Middletown, CT 06657-3341
Tel (860) 894-1022
Fax (860) 894-1023

Clean Harbors performed the UST cleaning, disposal of the residual product, and the UST removal. The following activities were performed during the UST closure:

- excavation of soil directly above the UST to access the tank and piping;
- detaching vent, fill, and product piping from the UST to the two fuel dispensers;
- purging the UST of vapors and cleaning the UST of residual fuel (please note, the waste manifest was not provided to GeoInsight, as the documentation will be provided by Clean Harbors);
- removing the steel USTs from the subsurface;
- collecting soil samples for field screening and confirmatory laboratory analysis;
- backfilling the excavated areas with imported fill material;
- paving of the UST(s) excavation grave; and
- transporting the USTs off-site for scrap metal recycling.

UNDERGROUND STORAGE TANK SYSTEM OBSERVATIONS

The plastic wrapped double-walled, steel 3,000-gallon UST measured approximately 5.5 feet in diameter by 19 feet in length and was manufactured by Total Containment. The 8,000-gallon plastic wrapped double-walled UST measured approximately 7.5 feet in diameter by 24 feet in length and was also manufactured by Total Containment. The exterior structures of both USTs were found to be without any visual signs of tears, holes, pitting, or corrosion. UST pipe fittings and the fiberglass product piping from both tanks that supplied the fuel dispenser were noted to be in good condition without obvious cracks or joint failures.

GeoInsight oversaw the removal of the product piping from the USTs to the above fuel dispensers. The approximate location of the product piping is shown on Figure 2. Product piping was removed from the subsurface by excavating the soil from above the tank tops (product piping was above the tanks due to their close proximity to the dispensers) and cutting/removing by hand.

The soil surrounding the UST was observed to be a light brown, fine to medium sand generally intermixed with pea stone. Petroleum staining and odors were not observed during the piping, UST(s) removal, or upon encountering groundwater beneath the 8,000-gallon UST. Soil screening and sample collection from beneath this area did not yield elevated photoionization detector (PID) readings. Photographic documentation is presented in Attachment A.

FIELD SCREENING AND SAMPLING

Soil samples collected during the closure activities were screened in the field for photoionizable compounds using a PID. The PID was calibrated before use according to the manufacturer's specifications (i.e., using a 100 parts per million [ppm] isobutylene and air mixture and adjusting the instrument with a reference factor of 0.53 to provide readings in ppm as benzene). Seven discrete soil samples were collected for field screening at various depths from the sidewalls of the UST excavation. Soil screening and samples from the bottom of the UST excavation were not collected due to the presence of groundwater. Figure 2 depicts the PID field screening

locations. The soil samples were screened using the jar-headspace technique. A summary of the discrete soil samples collected and PID results are summarized in the table below.

Sample ID	Depth (feet)	PID Reading (ppm)	Sample/Note Info
1	9	ND	Sidewall screening
2	9	ND	Side-Comp sample
3	7	ND	
4	8	ND	
5	5	ND	
6	3	ND	Piping screening
7	6	ND	Sidewall screening

A composite soil sample (designated "Side-Comp") consisting of four discrete soil samples from the sidewalls of the UST excavation were placed into the appropriate laboratory-supplied sample containers and submitted to Alpha Analytical, Inc. (Alpha) of Westborough, Massachusetts for analyses of volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260B and total petroleum hydrocarbons (TPH) as gasoline range organics (GRO) by USEPA Method 8015B. The sample collected for VOC analysis was field-preserved with methanol in accordance with USEPA Method 5035 protocol. A discrete groundwater sample from beneath the USTs was collected (designated "BTM-GW") and submitted to Alpha for analysis of VOCs by USEPA Method 8260B.

LABORATORY ANALYTICAL RESULTS

VOCs and TPH-GRO were not detected at concentrations above laboratory practical quantitation limits (PQLs) in composite soil sample "Side-Comp" nor were concentrations of VOCs detected in the discrete groundwater sample "BTM-GW" above their respective PQLs. A copy of the soil and groundwater laboratory analytical report is included as Attachment B.

CONCLUSIONS AND RECOMMENDATIONS

The discrete soil samples collected from the sidewalls of the UST(s) excavation yielded no PID readings less than 1 ppm. VOCs and TPH-GRO were not detected above their applicable PQLs in composite soil sample "Side-Comp." Additionally, VOCs were not detected above laboratory PQLs in the discrete groundwater sample "BTM-GW" collected during the UST removal.

Additional subsurface investigation associated with the USTs does not appear to be warranted due to the apparent lack of impacts detected in soil and groundwater sampled in conjunction with the UST closure activities.

LIMITATIONS AND EXCEPTIONS

GeoInsight performed the activities described herein in a manner generally consistent with the level of care and skill ordinarily exercised by other environmental consultants engaged for similar services under similar circumstances. Accordingly, the findings and conclusions of this report do not constitute scientific certainties, but rather probabilities based upon our professional judgment concerning data gathered during the course of the assessment and the use of engineering and scientific principles. GeoInsight cannot represent that the property does not contain hazardous materials or other latent environmental conditions beyond those detected or observed by GeoInsight during this assessment. Should additional information regarding the property become available in the future that is inconsistent with the findings presented herein, the findings of this report should be re-evaluated by GeoInsight or another qualified environmental professional in light of the additional information. To the extent that the interpretations and findings presented in this letter report are based in whole, or in part, upon information and representations in reports prepared by others, they are contingent upon the validity of the information.

If you have questions regarding this UST Closure letter report, please feel free to contact us at (603) 314-0820.

Sincerely,
GEOINSIGHT, INC.

Anthony James
Project Environmental Scientist
ICC # 5126730-U2

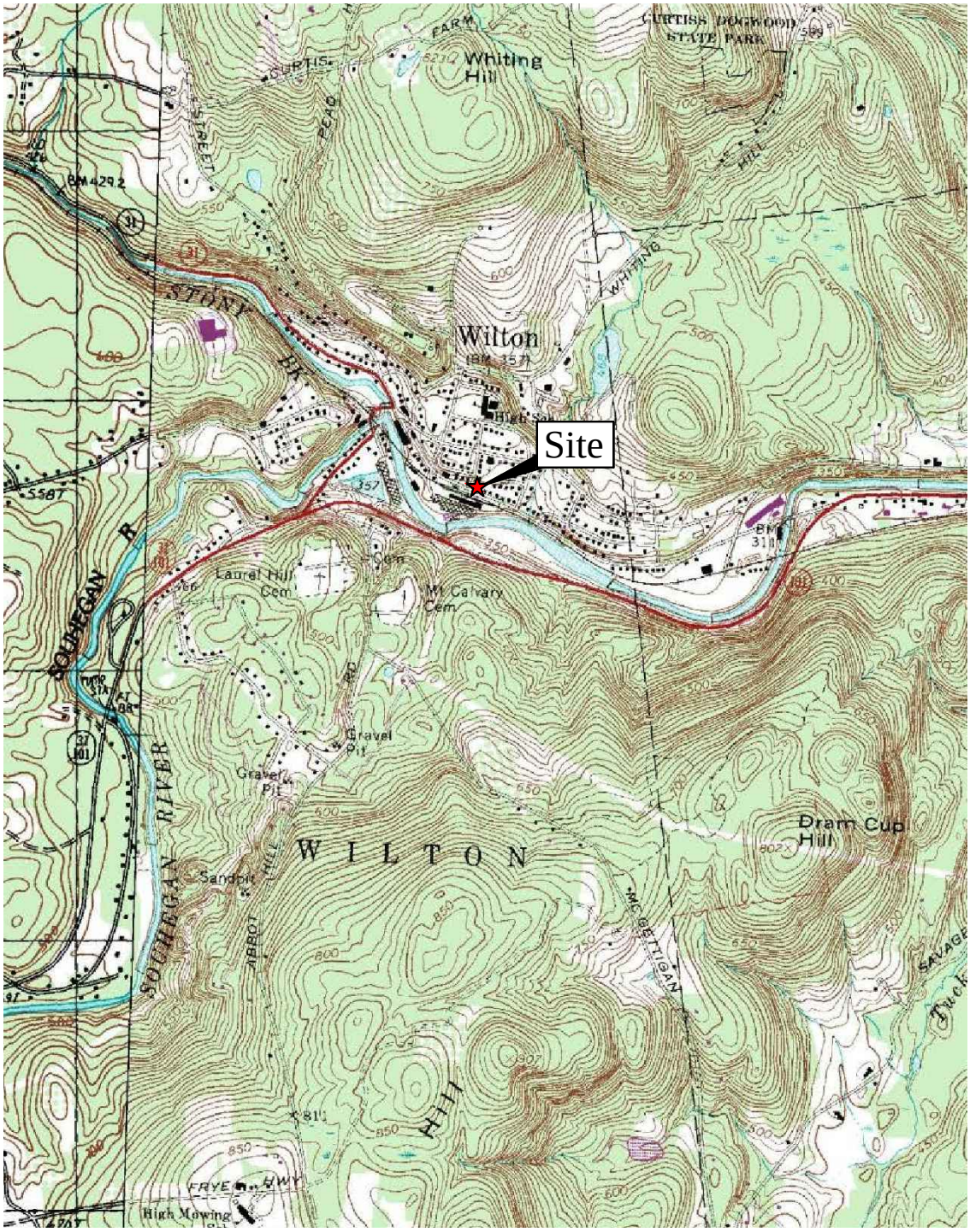
Peter D. Frank, P.G.
Associate/Senior Hydrogeologist

Attachments

cc: Scott Kendall, Clean Harbors

p:\7690 clean harbors - wilton\wilton ust removal.doc

FIGURES



SOURCE:

USGS MILFORD, NH TOPOGRAPHIC
QUADRANGLE 1985
CONTOUR INTERVAL: 10 FEET

0 2000 4000

APPROX. SCALE IN FEET

CLIENT: FORMER DRAPER ENERGY CO; INC.			
PROJECT: 148 MAIN STREET WILTON, NEW HAMPSHIRE			
TITLE: SITE LOCUS			
DESIGNED: PDF	DRAWN: STM	CHECKED: PDF	APPROVED: PDF
SCALE: 1" = 2000'	DATE: 06/09/15	FILE NO.: 7690-LOCUS	PROJECT NO.: 7690-000

GeoInsight
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FIGURE NO.: 1

PLOT DATE: 6-9-15
FILE: C:\Users\STMcKee\appdata\local\temp\AcPublish_11616\7690-LOCUS.dwg

GeoInsight
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PROJECT NO: 7690-0
SUBJECT: UST Removal / Former Draper Energy
LOCATION: 148 Main St Wilton, NH

CALC BY:
DATE: 5/7/15
CHECKED BY: AJ PDF
DATE:

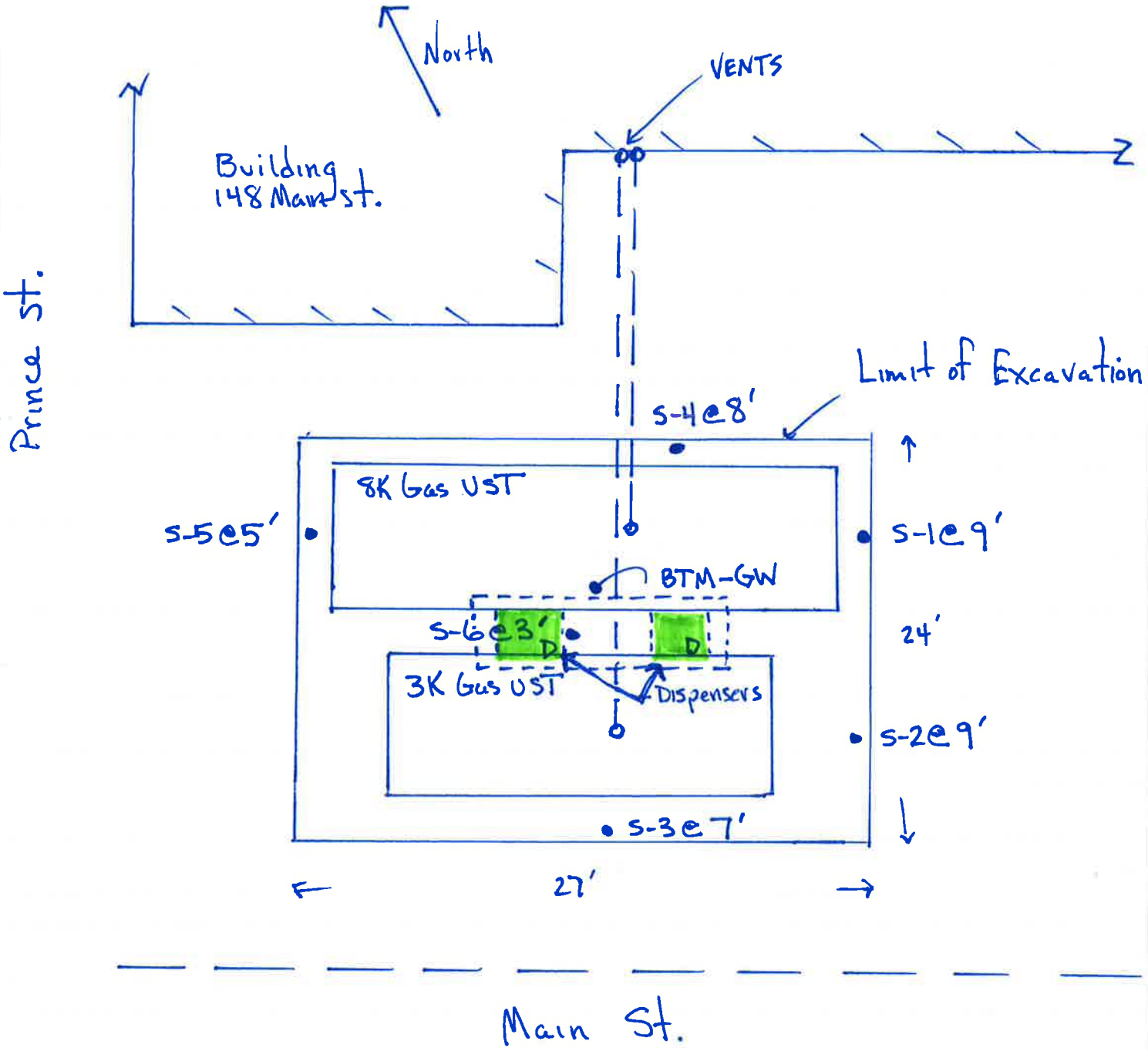


Figure 2

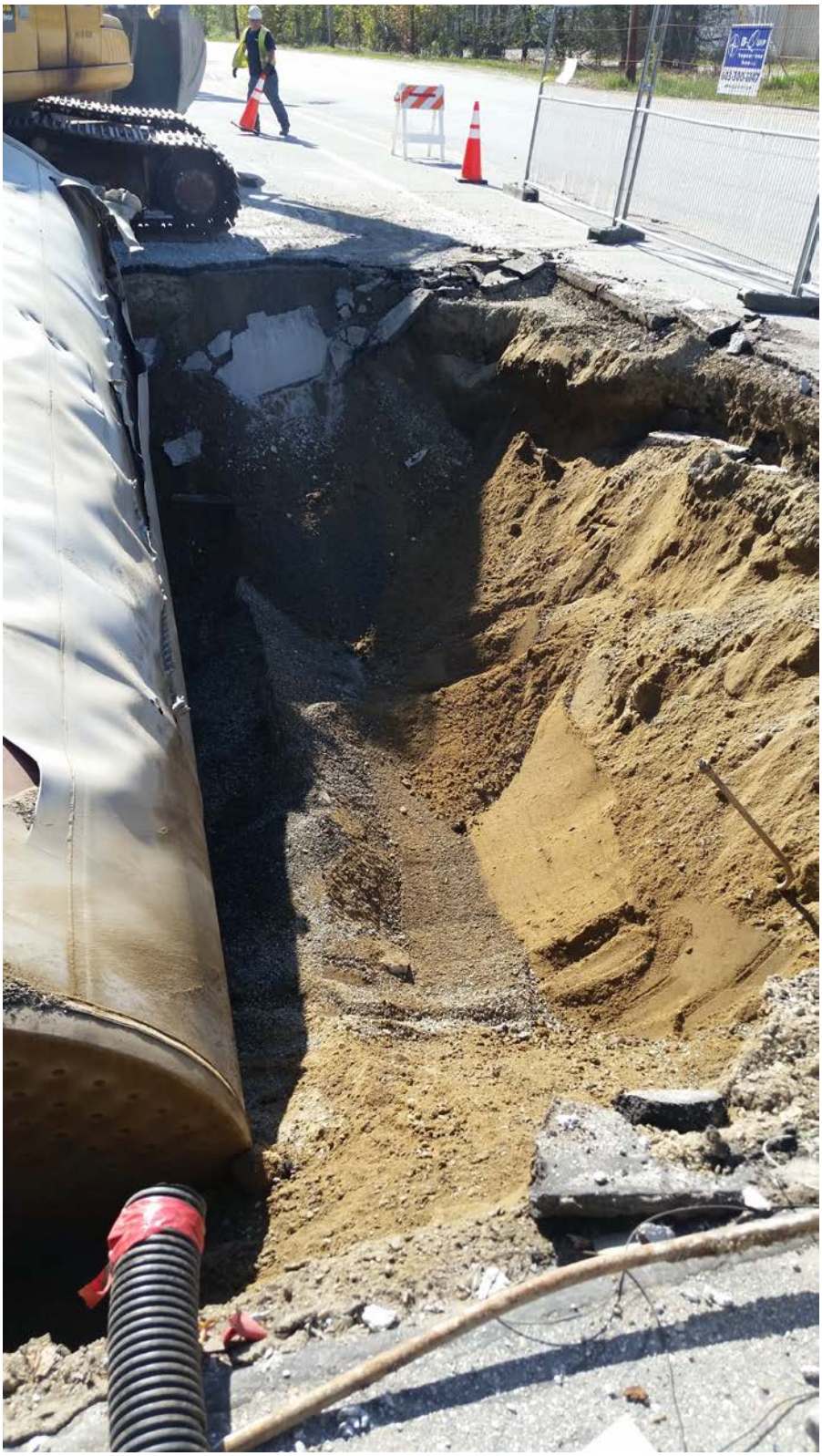
ATTACHMENT A

SITE PHOTOGRAPHS

FORMER DRAPER ENERGY CO; INC.
148 MAIN STREET
WILTON, NEW HAMPSHIRE
NHDES UST SITE #0111761

1. Top of gasoline USTs following pad removal, venting, cutting, and cleaning (view is to the south west).

2. Gasoline UST entry point; note previous welded patch (typical of two).



3. UST grave following the removal of the 3,000-gallon tank.

4. 3,000- gallon Gasoline UST following removal; no rips, holes or tears were noted (note plastic welded containment around tank).

5. 8000-gallon Gasoline UST following removal; no rips, holes or tears were noted (note plastic welded containment around tank).

6. Groundwater encountered below the 8,000-gallon UST at approximately 10 feet below ground surface.

7. UST being loaded for offsite scrap disposal (typical of two).

8. Backfilling and compacting following UST(s) removal.

ATTACHMENT B

SOIL LABORATORY ANALYTICAL REPORT

ANALYTICAL REPORT

Lab Number:	L1509816
Client:	Geoinsight 186 Granite Street 3rd Floor, Suite A Manchester, NH 03101
ATTN:	Peter Frank
Phone:	(603) 314-0820
Project Name:	CLEAN HARBORS-WILTON
Project Number:	7690-000
Report Date:	05/14/15

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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

Project Name: CLEAN HARBORS-WILTON
Project Number: 7690-000

Lab Number: L1509816
Report Date: 05/14/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1509816-01	BTM-GW	WATER	WILTON, NH	05/07/15 09:30	05/07/15
L1509816-02	SIDE -COMP	SOIL	WILTON, NH	05/07/15 10:35	05/07/15
L1509816-03	TRIP	SOIL	WILTON, NH	05/04/15 00:00	05/07/15
L1509816-04	TRIP	WATER	WILTON, NH	05/04/15 00:00	05/07/15

Project Name: CLEAN HARBORS-WILTON
Project Number: 7690-000
Lab Number: L1509816
Report Date: 05/14/15

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

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

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

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: Kelly Stenstrom

Title: Technical Director/Representative Date: 05/14/15

ORGANICS

VOLATILES

Project Name: CLEAN HARBORS-WILTON **Lab Number:** L1509816

Project Number: 7690-000 **Report Date:** 05/14/15

SAMPLE RESULTS

Lab ID: L1509816-01
Client ID: BTM-GW
Sample Location: WILTON, NH
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 05/13/15 18:05
Analyst: PD

Date Collected: 05/07/15 09:30
Date Received: 05/07/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1

Project Name: CLEAN HARBORS-WILTON **Lab Number:** L1509816

Project Number: 7690-000 **Report Date:** 05/14/15

SAMPLE RESULTS

Lab ID: L1509816-01 Date Collected: 05/07/15 09:30

Client ID: BTM-GW Date Received: 05/07/15

Sample Location: WILTON, NH Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,3,5-Trichlorobenzene	ND		ug/l	2.0	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1

Project Name: CLEAN HARBORS-WILTON **Lab Number:** L1509816

Project Number: 7690-000 **Report Date:** 05/14/15

SAMPLE RESULTS

Lab ID: L1509816-01 Date Collected: 05/07/15 09:30

Client ID: BTM-GW Date Received: 05/07/15

Sample Location: WILTON, NH Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/l	2.5	--	1
Isopropyl Ether	ND		ug/l	2.0	--	1
Tert-Butyl Alcohol	ND		ug/l	10	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	100		70-130

Project Name: CLEAN HARBORS-WILTON **Lab Number:** L1509816

Project Number: 7690-000 **Report Date:** 05/14/15

SAMPLE RESULTS

Lab ID: L1509816-02
Client ID: SIDE -COMP
Sample Location: WILTON, NH
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/11/15 16:30
Analyst: BN
Percent Solids: 85%

Date Collected: 05/07/15 10:35
Date Received: 05/07/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.8	--	1
1,1-Dichloroethane	ND		ug/kg	1.2	--	1
Chloroform	ND		ug/kg	1.2	--	1
Carbon tetrachloride	ND		ug/kg	0.78	--	1
1,2-Dichloropropane	ND		ug/kg	2.7	--	1
Dibromochloromethane	ND		ug/kg	0.78	--	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	--	1
Tetrachloroethene	ND		ug/kg	0.78	--	1
Chlorobenzene	ND		ug/kg	0.78	--	1
Trichlorofluoromethane	ND		ug/kg	3.9	--	1
1,2-Dichloroethane	ND		ug/kg	0.78	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.78	--	1
Bromodichloromethane	ND		ug/kg	0.78	--	1
trans-1,3-Dichloropropene	ND		ug/kg	0.78	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.78	--	1
1,3-Dichloropropene, Total	ND		ug/kg	0.78	--	1
1,1-Dichloropropene	ND		ug/kg	3.9	--	1
Bromoform	ND		ug/kg	3.1	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.78	--	1
Benzene	ND		ug/kg	0.78	--	1
Toluene	ND		ug/kg	1.2	--	1
Ethylbenzene	ND		ug/kg	0.78	--	1
Chloromethane	ND		ug/kg	3.9	--	1
Bromomethane	ND		ug/kg	1.6	--	1
Vinyl chloride	ND		ug/kg	1.6	--	1
Chloroethane	ND		ug/kg	1.6	--	1
1,1-Dichloroethene	ND		ug/kg	0.78	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	--	1
Trichloroethene	ND		ug/kg	0.78	--	1
1,2-Dichlorobenzene	ND		ug/kg	3.9	--	1

Project Name: CLEAN HARBORS-WILTON **Lab Number:** L1509816

Project Number: 7690-000 **Report Date:** 05/14/15

SAMPLE RESULTS

Lab ID: L1509816-02 Date Collected: 05/07/15 10:35

Client ID: SIDE -COMP Date Received: 05/07/15

Sample Location: WILTON, NH Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.9	--	1
1,4-Dichlorobenzene	ND		ug/kg	3.9	--	1
Methyl tert butyl ether	ND		ug/kg	1.6	--	1
p/m-Xylene	ND		ug/kg	1.6	--	1
o-Xylene	ND		ug/kg	1.6	--	1
Xylenes, Total	ND		ug/kg	1.6	--	1
cis-1,2-Dichloroethene	ND		ug/kg	0.78	--	1
1,2-Dichloroethene, Total	ND		ug/kg	0.78	--	1
Dibromomethane	ND		ug/kg	7.8	--	1
1,2,3-Trichloropropane	ND		ug/kg	7.8	--	1
Styrene	ND		ug/kg	1.6	--	1
Dichlorodifluoromethane	ND		ug/kg	7.8	--	1
Acetone	ND		ug/kg	28	--	1
Carbon disulfide	ND		ug/kg	7.8	--	1
2-Butanone	ND		ug/kg	7.8	--	1
4-Methyl-2-pentanone	ND		ug/kg	7.8	--	1
2-Hexanone	ND		ug/kg	7.8	--	1
Bromochloromethane	ND		ug/kg	3.9	--	1
Tetrahydrofuran	ND		ug/kg	16	--	1
2,2-Dichloropropane	ND		ug/kg	3.9	--	1
1,2-Dibromoethane	ND		ug/kg	3.1	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.78	--	1
Bromobenzene	ND		ug/kg	3.9	--	1
n-Butylbenzene	ND		ug/kg	0.78	--	1
sec-Butylbenzene	ND		ug/kg	0.78	--	1
tert-Butylbenzene	ND		ug/kg	3.9	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	3.1	--	1
o-Chlorotoluene	ND		ug/kg	3.9	--	1
p-Chlorotoluene	ND		ug/kg	3.9	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	--	1
Hexachlorobutadiene	ND		ug/kg	3.9	--	1
Isopropylbenzene	ND		ug/kg	0.78	--	1
p-Isopropyltoluene	ND		ug/kg	0.78	--	1
Naphthalene	ND		ug/kg	3.9	--	1
n-Propylbenzene	ND		ug/kg	0.78	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.9	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.9	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.9	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.9	--	1

Project Name: CLEAN HARBORS-WILTON **Lab Number:** L1509816

Project Number: 7690-000 **Report Date:** 05/14/15

SAMPLE RESULTS

Lab ID: L1509816-02 Date Collected: 05/07/15 10:35

Client ID: SIDE -COMP Date Received: 05/07/15

Sample Location: WILTON, NH Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Ethyl ether	ND		ug/kg	3.9	--	1
Isopropyl Ether	ND		ug/kg	3.1	--	1
Tert-Butyl Alcohol	ND		ug/kg	78	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	3.1	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	3.1	--	1
1,4-Dioxane	ND		ug/kg	78	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	99		70-130

Project Name: CLEAN HARBORS-WILTON **Lab Number:** L1509816

Project Number: 7690-000 **Report Date:** 05/14/15

SAMPLE RESULTS

Lab ID: L1509816-03
Client ID: TRIP
Sample Location: WILTON, NH
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/11/15 16:55
Analyst: BN
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Date Collected: 05/04/15 00:00
Date Received: 05/07/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	--	1
1,1-Dichloroethane	ND		ug/kg	1.5	--	1
Chloroform	ND		ug/kg	1.5	--	1
Carbon tetrachloride	ND		ug/kg	1.0	--	1
1,2-Dichloropropane	ND		ug/kg	3.5	--	1
Dibromochloromethane	ND		ug/kg	1.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	--	1
Tetrachloroethene	ND		ug/kg	1.0	--	1
Chlorobenzene	ND		ug/kg	1.0	--	1
Trichlorofluoromethane	ND		ug/kg	5.0	--	1
1,2-Dichloroethane	ND		ug/kg	1.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	--	1
Bromodichloromethane	ND		ug/kg	1.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	--	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	--	1
1,1-Dichloropropene	ND		ug/kg	5.0	--	1
Bromoform	ND		ug/kg	4.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	--	1
Benzene	ND		ug/kg	1.0	--	1
Toluene	ND		ug/kg	1.5	--	1
Ethylbenzene	ND		ug/kg	1.0	--	1
Chloromethane	ND		ug/kg	5.0	--	1
Bromomethane	ND		ug/kg	2.0	--	1
Vinyl chloride	ND		ug/kg	2.0	--	1
Chloroethane	ND		ug/kg	2.0	--	1
1,1-Dichloroethene	ND		ug/kg	1.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	--	1
Trichloroethene	ND		ug/kg	1.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	--	1

Project Name: CLEAN HARBORS-WILTON **Lab Number:** L1509816

Project Number: 7690-000 **Report Date:** 05/14/15

SAMPLE RESULTS

Lab ID: L1509816-03 Date Collected: 05/04/15 00:00

Client ID: TRIP Date Received: 05/07/15

Sample Location: WILTON, NH Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	--	1
Methyl tert butyl ether	ND		ug/kg	2.0	--	1
p/m-Xylene	ND		ug/kg	2.0	--	1
o-Xylene	ND		ug/kg	2.0	--	1
Xylenes, Total	ND		ug/kg	2.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	--	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	--	1
Dibromomethane	ND		ug/kg	10	--	1
1,2,3-Trichloropropane	ND		ug/kg	10	--	1
Styrene	ND		ug/kg	2.0	--	1
Dichlorodifluoromethane	ND		ug/kg	10	--	1
Acetone	ND		ug/kg	36	--	1
Carbon disulfide	ND		ug/kg	10	--	1
2-Butanone	ND		ug/kg	10	--	1
4-Methyl-2-pentanone	ND		ug/kg	10	--	1
2-Hexanone	ND		ug/kg	10	--	1
Bromochloromethane	ND		ug/kg	5.0	--	1
Tetrahydrofuran	ND		ug/kg	20	--	1
2,2-Dichloropropane	ND		ug/kg	5.0	--	1
1,2-Dibromoethane	ND		ug/kg	4.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	--	1
Bromobenzene	ND		ug/kg	5.0	--	1
n-Butylbenzene	ND		ug/kg	1.0	--	1
sec-Butylbenzene	ND		ug/kg	1.0	--	1
tert-Butylbenzene	ND		ug/kg	5.0	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	4.0	--	1
o-Chlorotoluene	ND		ug/kg	5.0	--	1
p-Chlorotoluene	ND		ug/kg	5.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--	1
Hexachlorobutadiene	ND		ug/kg	5.0	--	1
Isopropylbenzene	ND		ug/kg	1.0	--	1
p-Isopropyltoluene	ND		ug/kg	1.0	--	1
Naphthalene	ND		ug/kg	5.0	--	1
n-Propylbenzene	ND		ug/kg	1.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	--	1

Project Name: CLEAN HARBORS-WILTON **Lab Number:** L1509816

Project Number: 7690-000 **Report Date:** 05/14/15

SAMPLE RESULTS

Lab ID: L1509816-03 Date Collected: 05/04/15 00:00

Client ID: TRIP Date Received: 05/07/15

Sample Location: WILTON, NH Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Ethyl ether	ND		ug/kg	5.0	--	1
Isopropyl Ether	ND		ug/kg	4.0	--	1
Tert-Butyl Alcohol	ND		ug/kg	100	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	--	1
1,4-Dioxane	ND		ug/kg	100	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	100		70-130

Project Name: CLEAN HARBORS-WILTON **Lab Number:** L1509816

Project Number: 7690-000 **Report Date:** 05/14/15

SAMPLE RESULTS

Lab ID: L1509816-04
Client ID: TRIP
Sample Location: WILTON, NH
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 05/13/15 18:33
Analyst: PD

Date Collected: 05/04/15 00:00
Date Received: 05/07/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1

Project Name: CLEAN HARBORS-WILTON **Lab Number:** L1509816

Project Number: 7690-000 **Report Date:** 05/14/15

SAMPLE RESULTS

Lab ID: L1509816-04 Date Collected: 05/04/15 00:00

Client ID: TRIP Date Received: 05/07/15

Sample Location: WILTON, NH Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,3,5-Trichlorobenzene	ND		ug/l	2.0	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1

Project Name: CLEAN HARBORS-WILTON **Lab Number:** L1509816

Project Number: 7690-000 **Report Date:** 05/14/15

SAMPLE RESULTS

Lab ID: L1509816-04 Date Collected: 05/04/15 00:00

Client ID: TRIP Date Received: 05/07/15

Sample Location: WILTON, NH Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/l	2.5	--	1
Isopropyl Ether	ND		ug/l	2.0	--	1
Tert-Butyl Alcohol	ND		ug/l	10	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	100		70-130

Project Name: CLEAN HARBORS-WILTON
Project Number: 7690-000
Lab Number: L1509816
Report Date: 05/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/11/15 08:46
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 02-03 Batch: WG784150-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	1.5	--
Chloroform	ND		ug/kg	1.5	--
Carbon tetrachloride	ND		ug/kg	1.0	--
1,2-Dichloropropane	ND		ug/kg	3.5	--
Dibromochloromethane	ND		ug/kg	1.0	--
1,1,2-Trichloroethane	ND		ug/kg	1.5	--
Tetrachloroethene	ND		ug/kg	1.0	--
Chlorobenzene	ND		ug/kg	1.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	1.0	--
1,1,1-Trichloroethane	ND		ug/kg	1.0	--
Bromodichloromethane	ND		ug/kg	1.0	--
trans-1,3-Dichloropropene	ND		ug/kg	1.0	--
cis-1,3-Dichloropropene	ND		ug/kg	1.0	--
1,3-Dichloropropene, Total	ND		ug/kg	1.0	--
1,1-Dichloropropene	ND		ug/kg	5.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	--
Benzene	ND		ug/kg	1.0	--
Toluene	ND		ug/kg	1.5	--
Ethylbenzene	ND		ug/kg	1.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	1.0	--
trans-1,2-Dichloroethene	ND		ug/kg	1.5	--
Trichloroethene	ND		ug/kg	1.0	--

Project Name: CLEAN HARBORS-WILTON **Lab Number:** L1509816

Project Number: 7690-000 **Report Date:** 05/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/11/15 08:46
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 02-03 Batch: WG784150-3					
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--
p/m-Xylene	ND		ug/kg	2.0	--
o-Xylene	ND		ug/kg	2.0	--
Xylenes, Total	ND		ug/kg	2.0	--
cis-1,2-Dichloroethene	ND		ug/kg	1.0	--
1,2-Dichloroethene, Total	ND		ug/kg	1.0	--
Dibromomethane	ND		ug/kg	10	--
1,2,3-Trichloropropane	ND		ug/kg	10	--
Styrene	ND		ug/kg	2.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
Tetrahydrofuran	ND		ug/kg	20	--
2,2-Dichloropropane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	--
Bromobenzene	ND		ug/kg	5.0	--
n-Butylbenzene	ND		ug/kg	1.0	--
sec-Butylbenzene	ND		ug/kg	1.0	--
tert-Butylbenzene	ND		ug/kg	5.0	--
1,3,5-Trichlorobenzene	ND		ug/kg	4.0	--
o-Chlorotoluene	ND		ug/kg	5.0	--

Project Name: CLEAN HARBORS-WILTON
Project Number: 7690-000
Lab Number: L1509816
Report Date: 05/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/11/15 08:46
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 02-03 Batch: WG784150-3					
p-Chlorotoluene	ND		ug/kg	5.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Hexachlorobutadiene	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	1.0	--
p-Isopropyltoluene	ND		ug/kg	1.0	--
Naphthalene	ND		ug/kg	5.0	--
n-Propylbenzene	ND		ug/kg	1.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	--
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	--
Ethyl ether	ND		ug/kg	5.0	--
Isopropyl Ether	ND		ug/kg	4.0	--
Tert-Butyl Alcohol	ND		ug/kg	100	--
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	--
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	--
1,4-Dioxane	ND		ug/kg	100	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	96		70-130

Project Name: CLEAN HARBORS-WILTON **Lab Number:** L1509816

Project Number: 7690-000 **Report Date:** 05/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/13/15 10:39
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG784622-3					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
1,3-Dichloropropene, Total	ND		ug/l	0.50	--
1,1-Dichloropropene	ND		ug/l	2.5	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
1,2-Dichloroethene, Total	ND		ug/l	0.50	--

Project Name: CLEAN HARBORS-WILTON
Project Number: 7690-000
Lab Number: L1509816
Report Date: 05/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/13/15 10:39
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG784622-3					
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--
Methyl tert butyl ether	ND		ug/l	1.0	--
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylenes, Total	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Dibromomethane	ND		ug/l	5.0	--
1,2,3-Trichloropropane	ND		ug/l	5.0	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Bromochloromethane	ND		ug/l	2.5	--
Tetrahydrofuran	ND		ug/l	5.0	--
2,2-Dichloropropane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--
Bromobenzene	ND		ug/l	2.5	--
n-Butylbenzene	ND		ug/l	0.50	--
sec-Butylbenzene	ND		ug/l	0.50	--
tert-Butylbenzene	ND		ug/l	2.5	--
o-Chlorotoluene	ND		ug/l	2.5	--
p-Chlorotoluene	ND		ug/l	2.5	--

Project Name: CLEAN HARBORS-WILTON
Project Number: 7690-000
Lab Number: L1509816
Report Date: 05/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/13/15 10:39
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG784622-3					
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--
Hexachlorobutadiene	ND		ug/l	0.50	--
Isopropylbenzene	ND		ug/l	0.50	--
p-Isopropyltoluene	ND		ug/l	0.50	--
Naphthalene	ND		ug/l	2.5	--
n-Propylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--
1,3,5-Trichlorobenzene	ND		ug/l	2.0	--
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--
Ethyl ether	ND		ug/l	2.5	--
Isopropyl Ether	ND		ug/l	2.0	--
Tert-Butyl Alcohol	ND		ug/l	10	--
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--
1,4-Dioxane	ND		ug/l	250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: CLEAN HARBORS-WILTON

Project Number: 7690-000

Lab Number: L1509816

Report Date: 05/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG784150-1 WG784150-2								
Methylene chloride	107		104		70-130	3		30
1,1-Dichloroethane	115		108		70-130	6		30
Chloroform	114		108		70-130	5		30
Carbon tetrachloride	121		106		70-130	13		30
1,2-Dichloropropane	113		109		70-130	4		30
Dibromochloromethane	97		95		70-130	2		30
1,1,2-Trichloroethane	99		96		70-130	3		30
2-Chloroethylvinyl ether	94		93		70-130	1		30
Tetrachloroethene	100		91		70-130	9		30
Chlorobenzene	103		98		70-130	5		30
Trichlorofluoromethane	110		94		70-139	16		30
1,2-Dichloroethane	106		103		70-130	3		30
1,1,1-Trichloroethane	119		107		70-130	11		30
Bromodichloromethane	110		105		70-130	5		30
trans-1,3-Dichloropropene	100		96		70-130	4		30
cis-1,3-Dichloropropene	112		108		70-130	4		30
1,1-Dichloropropene	121		109		70-130	10		30
Bromoform	93		91		70-130	2		30
1,1,2,2-Tetrachloroethane	93		91		70-130	2		30
Benzene	117		111		70-130	5		30
Toluene	104		98		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CLEAN HARBORS-WILTON
Project Number: 7690-000

Lab Number: L1509816
Report Date: 05/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG784150-1 WG784150-2								
Ethylbenzene	108		102		70-130	6		30
Chloromethane	110		102		52-130	8		30
Bromomethane	107		100		57-147	7		30
Vinyl chloride	111		99		67-130	11		30
Chloroethane	116		104		50-151	11		30
1,1-Dichloroethene	118		104		65-135	13		30
trans-1,2-Dichloroethene	116		109		70-130	6		30
Trichloroethene	119		111		70-130	7		30
1,2-Dichlorobenzene	95		92		70-130	3		30
1,3-Dichlorobenzene	99		95		70-130	4		30
1,4-Dichlorobenzene	96		93		70-130	3		30
Methyl tert butyl ether	105		103		66-130	2		30
p/m-Xylene	111		104		70-130	7		30
o-Xylene	108		102		70-130	6		30
cis-1,2-Dichloroethene	115		109		70-130	5		30
Dibromomethane	105		104		70-130	1		30
1,4-Dichlorobutane	97		95		70-130	2		30
1,2,3-Trichloropropane	93		91		68-130	2		30
Styrene	108		103		70-130	5		30
Dichlorodifluoromethane	90		76		30-146	17		30
Acetone	113		111		54-140	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CLEAN HARBORS-WILTON
Project Number: 7690-000

Lab Number: L1509816
Report Date: 05/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG784150-1 WG784150-2								
Carbon disulfide	79		67		59-130	16		30
2-Butanone	119		117		70-130	2		30
Vinyl acetate	94		91		70-130	3		30
4-Methyl-2-pentanone	89		88		70-130	1		30
2-Hexanone	84		82		70-130	2		30
Ethyl methacrylate	89		87		70-130	2		30
Acrolein	94		92		70-130	2		30
Acrylonitrile	109		105		70-130	4		30
Bromochloromethane	113		110		70-130	3		30
Tetrahydrofuran	102		101		66-130	1		30
2,2-Dichloropropane	118		106		70-130	11		30
1,2-Dibromoethane	98		95		70-130	3		30
1,3-Dichloropropane	98		96		69-130	2		30
1,1,1,2-Tetrachloroethane	102		98		70-130	4		30
Bromobenzene	94		92		70-130	2		30
n-Butylbenzene	110		101		70-130	9		30
sec-Butylbenzene	109		99		70-130	10		30
tert-Butylbenzene	106		98		70-130	8		30
1,3,5-Trichlorobenzene	115		112		70-139	3		30
o-Chlorotoluene	104		98		70-130	6		30
p-Chlorotoluene	102		98		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CLEAN HARBORS-WILTON

Project Number: 7690-000

Lab Number: L1509816

Report Date: 05/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG784150-1 WG784150-2								
1,2-Dibromo-3-chloropropane	80		79		68-130	1		30
Hexachlorobutadiene	102		95		67-130	7		30
Isopropylbenzene	111		102		70-130	8		30
p-Isopropyltoluene	108		99		70-130	9		30
Naphthalene	87		86		70-130	1		30
n-Propylbenzene	107		99		70-130	8		30
1,2,3-Trichlorobenzene	94		91		70-130	3		30
1,2,4-Trichlorobenzene	97		94		70-130	3		30
1,3,5-Trimethylbenzene	105		98		70-130	7		30
1,2,4-Trimethylbenzene	104		98		70-130	6		30
trans-1,4-Dichloro-2-butene	97		91		70-130	6		30
Ethyl ether	109		108		67-130	1		30
Methyl Acetate	107		102		65-130	5		30
Ethyl Acetate	108		106		70-130	2		30
Isopropyl Ether	111		107		66-130	4		30
Cyclohexane	129		109		70-130	17		30
Tert-Butyl Alcohol	95		92		70-130	3		30
Ethyl-Tert-Butyl-Ether	108		106		70-130	2		30
Tertiary-Amyl Methyl Ether	107		105		70-130	2		30
1,4-Dioxane	92		94		65-136	2		30
Methyl cyclohexane	125		107		70-130	16		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CLEAN HARBORS-WILTON

Project Number: 7690-000

Lab Number: L1509816

Report Date: 05/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG784150-1 WG784150-2								
1,1,2-Trichloro-1,2,2-Trifluoroethane	123		104		70-130	17		30
1,4-Diethylbenzene	122		114		70-130	7		30
4-Ethyltoluene	124		117		70-130	6		30
1,2,4,5-Tetramethylbenzene	116		111		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		94		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	104		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: CLEAN HARBORS-WILTON

Project Number: 7690-000

Lab Number: L1509816

Report Date: 05/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG784622-1 WG784622-2								
Methylene chloride	106		98		70-130	8		20
1,1-Dichloroethane	104		95		70-130	9		20
Chloroform	111		101		70-130	9		20
Carbon tetrachloride	100		91		63-132	9		20
1,2-Dichloropropane	105		97		70-130	8		20
Dibromochloromethane	108		102		63-130	6		20
1,1,2-Trichloroethane	114		108		70-130	5		20
Tetrachloroethene	104		97		70-130	7		20
Chlorobenzene	104		96		75-130	8		25
Trichlorofluoromethane	88		79		62-150	11		20
1,2-Dichloroethane	102		94		70-130	8		20
1,1,1-Trichloroethane	106		97		67-130	9		20
Bromodichloromethane	104		95		67-130	9		20
trans-1,3-Dichloropropene	120		112		70-130	7		20
cis-1,3-Dichloropropene	89		83		70-130	7		20
1,1-Dichloropropene	106		98		70-130	8		20
Bromoform	104		98		54-136	6		20
1,1,2,2-Tetrachloroethane	104		101		67-130	3		20
Benzene	106		96		70-130	10		25
Toluene	109		100		70-130	9		25
Ethylbenzene	111		103		70-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CLEAN HARBORS-WILTON

Project Number: 7690-000

Lab Number: L1509816

Report Date: 05/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG784622-1 WG784622-2								
Chloromethane	102		91		64-130	11		20
Bromomethane	60		56		39-139	7		20
Vinyl chloride	104		95		55-140	9		20
Chloroethane	91		75		55-138	19		20
1,1-Dichloroethene	97		89		61-145	9		25
trans-1,2-Dichloroethene	103		94		70-130	9		20
Trichloroethene	102		93		70-130	9		25
1,2-Dichlorobenzene	101		93		70-130	8		20
1,3-Dichlorobenzene	106		97		70-130	9		20
1,4-Dichlorobenzene	104		95		70-130	9		20
Methyl tert butyl ether	107		101		63-130	6		20
p/m-Xylene	115		105		70-130	9		20
o-Xylene	109		100		70-130	9		20
cis-1,2-Dichloroethene	104		95		70-130	9		20
Dibromomethane	100		93		70-130	7		20
1,2,3-Trichloropropane	112		111		64-130	1		20
Styrene	**66**	Q	**62**	Q	70-130	6		20
Dichlorodifluoromethane	95		85		36-147	11		20
Acetone	93		87		58-148	7		20
Carbon disulfide	94		86		51-130	9		20
2-Butanone	88		88		63-138	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CLEAN HARBORS-WILTON

Project Number: 7690-000

Lab Number: L1509816

Report Date: 05/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG784622-1 WG784622-2								
4-Methyl-2-pentanone	100		97		59-130	3		20
2-Hexanone	115		114		57-130	1		20
Bromochloromethane	105		98		70-130	7		20
Tetrahydrofuran	78		77		58-130	1		20
2,2-Dichloropropane	107		95		63-133	12		20
1,2-Dibromoethane	110		106		70-130	4		20
1,1,1,2-Tetrachloroethane	115		106		64-130	8		20
Bromobenzene	98		92		70-130	6		20
n-Butylbenzene	108		100		53-136	8		20
sec-Butylbenzene	100		91		70-130	9		20
tert-Butylbenzene	84		77		70-130	9		20
o-Chlorotoluene	108		98		70-130	10		20
p-Chlorotoluene	104		95		70-130	9		20
1,2-Dibromo-3-chloropropane	105		97		41-144	8		20
Hexachlorobutadiene	83		78		63-130	6		20
Isopropylbenzene	95		89		70-130	7		20
p-Isopropyltoluene	101		91		70-130	10		20
Naphthalene	98		93		70-130	5		20
n-Propylbenzene	94		86		69-130	9		20
1,2,3-Trichlorobenzene	104		98		70-130	6		20
1,2,4-Trichlorobenzene	109		102		70-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CLEAN HARBORS-WILTON

Project Number: 7690-000

Lab Number: L1509816

Report Date: 05/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG784622-1 WG784622-2								
1,3,5-Trimethylbenzene	109		98		64-130	11		20
1,3,5-Trichlorobenzene	101		94		70-130	7		20
1,2,4-Trimethylbenzene	104		94		70-130	10		20
Ethyl ether	99		95		59-134	4		20
Isopropyl Ether	103		96		70-130	7		20
Tert-Butyl Alcohol	118		120		70-130	2		20
Ethyl-Tert-Butyl-Ether	107		100		70-130	7		20
Tertiary-Amyl Methyl Ether	107		102		66-130	5		20
1,4-Dioxane	**164**	Q	153		56-162	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		97		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	105		103		70-130

PETROLEUM HYDROCARBONS

Project Name: CLEAN HARBORS-WILTON **Lab Number:** L1509816

Project Number: 7690-000 **Report Date:** 05/14/15

SAMPLE RESULTS

Lab ID: L1509816-02
Client ID: SIDE -COMP
Sample Location: WILTON, NH
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 05/09/15 01:35
Analyst: BS
Percent Solids: 85%

Date Collected: 05/07/15 10:35
Date Received: 05/07/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/kg	3100	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	89		70-130

Project Name: CLEAN HARBORS-WILTON
Project Number: 7690-000
Lab Number: L1509816
Report Date: 05/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 05/08/15 20:55
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 02 Batch: WG783767-10					
Gasoline Range Organics	ND		ug/kg	2500	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: CLEAN HARBORS-WILTON

Project Number: 7690-000

Lab Number: L1509816

Report Date: 05/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab	Associated sample(s): 02		Batch: WG783767-8 WG783767-9					
Gasoline Range Organics	88		92		80-120	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	102		98		70-130
4-Bromofluorobenzene	97		97		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: CLEAN HARBORS-WILTON
Project Number: 7690-000

Lab Number: L1509816
Report Date: 05/14/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 02 QC Batch ID: WG783767-4 WG783767-5 QC Sample: L1509579-05 Client ID: MS Sample												
Gasoline Range Organics	ND	18400	17000	95		15000	83		80-120	13		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		74		70-130
4-Bromofluorobenzene	78		72		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: CLEAN HARBORS-WILTON
Project Number: 7690-000
Lab Number: L1509816
Report Date: 05/14/15

SAMPLE RESULTS

Lab ID: L1509816-02
Client ID: SIDE -COMP
Sample Location: WILTON, NH
Matrix: Soil
Date Collected: 05/07/15 10:35
Date Received: 05/07/15
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	85.4		%	0.100	NA	1	-	05/08/15 00:16	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: CLEAN HARBORS-WILTON
Project Number: 7690-000

Lab Number: L1509816
Report Date: 05/14/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG783037-1 QC Sample: L1509511-15 Client ID: DUP Sample						
Solids, Total	88.3	88.9	%	1		20

Project Name: CLEAN HARBORS-WILTON
Project Number: 7690-000

Lab Number: L1509816
Report Date: 05/14/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 05/07/2015 20:32

Cooler Information **Custody Seal**

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1509816-01A	Vial HCl preserved	A	N/A	5.3	Y	Absent	8260-NH(14)
L1509816-01B	Vial HCl preserved	A	N/A	5.3	Y	Absent	8260-NH(14)
L1509816-01C	Vial HCl preserved	A	N/A	5.3	Y	Absent	8260-NH(14)
L1509816-02A	Vial MeOH preserved	A	N/A	5.3	Y	Absent	TPH-GRO(14),8260HLW-NH(14)
L1509816-02B	Vial water preserved	A	N/A	5.3	Y	Absent	8260HLW-NH(14)
L1509816-02C	Vial water preserved	A	N/A	5.3	Y	Absent	8260HLW-NH(14)
L1509816-02D	Plastic 2oz unpreserved for TS	A	N/A	5.3	Y	Absent	TS(7)
L1509816-03A	Vial MeOH preserved	A	N/A	5.3	Y	Absent	8260HLW-NH(14)
L1509816-03B	Vial water preserved	A	N/A	5.3	Y	Absent	8260HLW-NH(14)
L1509816-04A	Vial HCl preserved	A	N/A	5.3	Y	Absent	8260-NH(14)

*Values in parentheses indicate holding time in days

Project Name:	CLEAN HARBORS-WILTON	**Lab Number:**	L1509816
Project Number:	7690-000	**Report Date:**	05/14/15

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.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

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

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

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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

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

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

Report Format: Data Usability Report

Project Name:	CLEAN HARBORS-WILTON	**Lab Number:**	L1509816
Project Number:	7690-000	**Report Date:**	05/14/15

Data Qualifiers

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

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name:	CLEAN HARBORS-WILTON	**Lab Number:**	L1509816
Project Number:	7690-000	**Report Date:**	05/14/15

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 16, 2014

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 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 2540D: TSS
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: 5/7/15

ALPHA Job #: L1509816

ALPHA ANALYTICAL
World Class Chemistry

8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220

320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Client Information

Client: GeoInsight, Inc

Address: 186 Granite St, 3d Floor, Suite A, Manchester, NH 03101

Phone: 603-314-0920

Email: PDFRANK@GeoInc.com

Additional Project Information:

Project Information

Project Name: Clean Harbors - Wilton

Project Location: Wilton, NH

Project #: 7190-000

Project Manager: Peter Frank

ALPHA Quote #:

Turn-Around Time

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

Date Due:

Report Information - Data Deliverables

☐ ADEx ☑ EMAIL

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements & Project Information Requirements

☐ Yes ☐ No MA MCP Analytical Methods ☐ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☐ No NPDES RGP
☐ Other State /Fed Program _____ Criteria _____

ANALYSIS

VOC: ☑ 8260 ☐ 624 SVOC: ☐ 524.2 ☐ ABN ☐ PAH METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15 ☐ RCRA5 ☐ RCRA8 ☐ PP13 EPH: ☐ Ranges & Targets ☐ Ranges Only VPH: ☐ Ranges & Targets ☐ Ranges Only ☐ PCB ☐ PEST TPH: ☐ Quant Only ☐ Fingerprint TPH-GRO

SAMPLE INFO
Filtration
☐ Field
☐ Lab to do
Preservation
☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Sample Comments	TOTAL # BOTTLES
09816-01	BTM-GW	5-7-15	9:30	GW	aj		3
-02	Side-Comp	5-7-15	10:35	SO	aj		4
-03,-04	Trip	5-4-15	—	W/F	DW		3

Container Type	V
Preservative	B

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
	5-7-15 12:20		5-7-15 12:20
	5/7/15 13:55		5-7-15 13:55
	5-7-15 18:40		5/7/15 18:40

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)