LCS INC.
Environmental and Real Estate Consultants

Supplemental Limited and Focused Subsurface Soil and Groundwater Investigation and Vapor Intrusion Assessment Report for the Property Identified as:

201 Charles Street, 116 Wallace Avenue, and Two Unaddressed Parcels on Old Creamery Road (Parcel Nos. 112-5-5.2, 112-5-1, 114-1-1, and 114-1-2) Maybrook, New York

LCS PROJECT # 15N6714.22

FEBRUARY 5, 2016

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February 5, 2016

Ms. Geryl Vitagliano
West Port Management, LLC
33 South Park Road
Newburgh, New York 12550

Re: Supplemental Limited and Focused Subsurface Soil and Groundwater Investigation and Vapor Intrusion Assessment
201 Charles Street, 116 Wallace Avenue, and
Two Unaddressed Parcels on Old Creamery Road
(Parcel Nos. 112-5-5.2, 112-5-1, 114-1-1, and 114-1-2)
Maybrook, New York
LCS Project # 15N6714.22 (Related to 14N5457.22)

Dear Ms. Vitagliano:

Background
At your request, Lender Consulting Services, Inc. (LCS) performed a supplemental limited and focused subsurface soil and groundwater and vapor intrusion assessment, located at 201 Charles Street, 116 Wallace Avenue, and two unaddressed parcels on Old Creamery Road (Parcel Nos. 112-5-5.2, 112-5-1, 114-1-1, and 114-1-2) Maybrook, New York (See Figure 1). The subject property measures approximately 7.2 acres and is occupied by one commercial structure. The subject property is located in a highly developed commercial and residential area. The topography of the site is generally level at grade

This investigation was recommended based on the information gathered by LCS during an initial limited and focused subsurface soil and groundwater assessment which was completed at the subject property to investigate recognized environmental conditions (RECs) identified through completion of a Phase I Environmental Site Assessment Report, January 6, 2015. The Phase I report identified the following RECs warranting intrusive study at that time.

- The subject structure has been utilized as a bus service facility since at least 2008. No floor drains were noted in the service area. Hazardous/regulated materials utilized on-site (including degreaser, antifreeze, paints, and windshield fluid) were noted to be properly stored.
- The subject structure was historically utilized as a light bulb manufacturing facility (Osram Sylvania Products Inc.). This former occupant of the subject structure was identified as a historical generator of hazardous waste in 1985, 1992, 1999, 2004, 2006, and 2007. Based on a Facility Clearance Report dated November 2003, air sampling and metal dust sampling was performed in conjunction with the closure of the former light bulb manufacturing facility. Analytical results indicated that all air samples and metal wipe samples were below established regulatory guidelines.
- The subject property was identified as a registered underground storage tank (UST) facility (Facility ID No. 3-600086) with two 4,000-gallon No. 6 fuel oil USTs listed as installed in 1957 and closed-removed in 1991. No documentation regarding these historic tanks was provided to LCS for review.
- A groundwater monitoring well was noted northeast of the subject structure. The purpose of this monitoring well is unknown.

The results of the initial limited and focused subsurface soil and groundwater investigation were summarized within a report dated December 1, 2015. Based on those findings additional study was recommended to better determine the extent of the groundwater contamination discovered proximate to temporary monitoring well TPMW1 and to assess the on-site structure for vapor intrusion.

Introduction

The purpose of this intrusive study was to better assess the environmental quality of on-site soils, groundwater, and sub slab vapor in accessible locations of the subject property due to the environmental concerns identified above. Soil samples were collected for stratigraphic characterization and field monitoring. Temporary groundwater monitoring wells (TWs) were installed within select test borings where groundwater was encountered. Select soil, groundwater, and air samples were submitted for laboratory analysis to supplement field observations.

The work completed is generally consistent with LCS' proposal dated December 16, 2015, with the following exceptions. LCS had originally planned on installing six temporary groundwater monitoring wells, however, only two temporary groundwater monitoring wells were installed, as groundwater was not encountered in many of the test borings. Furthermore, the existing monitoring well located on-site was not readily accessible due to the condition of the well cap, preventing a sample to be collected.

The following is a summary of the methods and results of the investigation. For the convenience of the reader, volatile organic compound (VOC) testing results of the initial investigation are included within this report.

Methods of Investigation

Soil

Soil samples were collected on January 14, 2016, with a percussion and hydraulically driven drive system equipped with an approximate 2-inch diameter, approximate 48-inch long macro-core sampler. Soil samples were collected within each borehole continuously from the ground surface until refusal, a depth of between approximately 3 and 11.5 feet below the ground surface (ft. bgs). Any downhole equipment was decontaminated with an Alconox and tap water wash and tap water rinse between boreholes. The cutting shoes were decontaminated in a similar manner between collections of each sample.

The physical characteristics of all soil samples were classified using the Unified Soil Classification System (USCS) (Visual-Manual Method) and placed in separate sealable containers to allow any vapors to accumulate in the headspace. After several minutes, the container was opened slightly and total volatile organic compound (VOC) concentrations in air within the sample container were measured using a photoionization detector (PID). (The PID is designed to detect VOCs, such as those associated with petroleum and some solvents.) Based on the field observations and/or screening results, soils were selected for analysis (see below).

Groundwater

Temporary groundwater monitoring wells TW4 and TW5 were installed within boreholes BH9 and BH10, respectively. Generally, the bottoms of the wells were set to approximately 11.5 ft. bgs. Each of the wells was constructed with one-inch diameter PVC screen and riser with a silica filter pack placed around the well screen. A bentonite seal was placed above the sand and the wells were covered with plastic caps, to prevent surface water from entering the wells prior to sampling. Refer to the attached subsurface logs/well construction details for well specific well construction details.

The groundwater samples from temporary groundwater monitoring wells TW4 and TW5 were collected on January 14, 2016. Prior to sample collection, each well was developed by removing at least three well volumes from the well. New disposable dedicated PVC bailers were used for well development and sample collection activities.

Air Monitoring

Prior to sampling the sub-slab soil vapor, an electric hammer drill equipped with an approximate ¾ inch masonry bit was used to penetrate the concrete slab within the building. Following advancement of the hole through the concrete slab, the area was cleaned to remove concrete dust. An approximate ¼ inch (inside diameter) polyethylene tube (sample probe) was then inserted in the hole created in the concrete foundation by the drill and sealed using modeling clay.

On January 14, 2016 LCS collected three sub-slab soil vapor sample, one outdoor sample, and one indoor air sample from the subject structure (Figure 2).

Sample Analysis

Following labeling of the laboratory-supplied sample containers, selected samples were placed on ice. The samples were then submitted, under standard chain-of-custody, to a New York State Department of Health (NYSDOH) approved laboratory for analysis in accordance with the United States Environmental Protection agency (USEPA) SW-846 Methods as summarized below. The analytical methods were chosen based on LCS' experience with sites of similar use.

The sub-slab soil vapor and air samples were then submitted, under standard chain-of-custody, to a New York State Department of Health (NYSDOH) approved laboratory for analysis in accordance with the United States Environmental Protection Agency (USEPA) TO-15 Method as summarized below.

The following table summarizes the specific analytical testing performed and their respective sample locations.

Sample Location	Analytical Testing Performed	Recognized Environmental Condition
Soil		
BH8 (4-6 ft. bgs)	VOC + CP-51 VOCs	Former Manufacturing Area
BH9 (4-6 ft. bgs)		
BH10 (4-6 ft. bgs)		
BH10 (11.5 ft. bgs)		
BH11 (6-8 ft. bgs)		
BH12 (1-3 ft. bgs)		
BH13 (6-8 ft. bgs)		
Water		
TW4	VOC + CP-51 VOCs	Former Manufacturing Area
TW5		
Air		
Indoor	VOCs TO-15	Former Manufacturing Area
Outdoor		
SS-1		
SS-2		
SS-3		

ft. bgs = feet below ground surface

TCL+CP-51 VOCs = Target Compound and Commissioner Policy List volatile organic compounds via USEPA Test Method 8260

TO-15 = Select volatile organic compounds via United States Environmental Protection Agency Test Method TO-15

Results of Supplemental Field Investigation

Soil and Groundwater

Six boreholes were completed in accessible areas of the subject property proximate to the environmental concerns. (See Figure 2.) A total of 26 soil samples were collected for geologic description. Fill material consisting of asphalt, gravel, and silt, was noted within test borings BH8 through BH13 to a maximum depth of approximately 3 ft. bgs. Generally, the native soils encountered consisted of varying mixtures of sand, silt, and clay to the bottom of the test borings. Apparent groundwater was encountered in BH9 and BH10 at approximately 10 ft. bgs.

Equipment refusal was encountered within all test borings between approximately 3 and 11.5 ft. bgs. The cause of the equipment refusal could not be determined; however, is suspected to be due to shallow bedrock underlying the property.

PID measurements were above total ambient air background VOC measurements (i.e., 0.0 parts per million, ppm) in one of the 26 soil samples collected. The elevated concentration measured 41.5 ppm (BH10, ~4-6 ft. bgs). No petroleum or solvent-type odors were detected in soil samples collected from test borings In LCS' experience, the PID measurements and field observations do not suggest the obvious presence of VOC impact proximate to areas investigated.

Refer to the attached subsurface logs for soil classification for each sample interval, field observations and PID measurements.

Air/Vapor Sample Collection

The sub-slab vapor samples and indoor and outdoor air samples were collected on January 14, 2016, with laboratory-provided pre-cleaned evacuated Summa Canisters each equipped with an eight-hour flow regulator. Each regulator was opened and the vacuum with each Summa Canister was monitored for proper function throughout the eight-hour sampling period.

Soil and Groundwater Investigation Analytical Results

The soil and groundwater samples collected and analyzed detected the analytes list on the analytical summary Tables below. The respective concentrations as well as applicable regulatory guidance values are also listed for comparison. Analytes not detected are not shown.

SOIL TESTING RESULTS

VOCs by USEPA SW-846 Method 8260

Sample ID	SB1	SB2	SB4	SB5	SB6	BH8	BH9	BH10	BH10	BH11	BH12	BH13	Part 375 (Unrestricted) Soil Cleanup Objectives	Part 375 (Residential) Soil Cleanup Objectives	Part 375 (Residential Restricted) Soil Cleanup Objectives	Part 375 (Commercial) Soil Cleanup Objectives	Part 375 (Industrial) Soil Cleanup Objectives
Date Sampled	11/17/15	11/17/15	11/17/15	11/17/15	11/17/15	1/14/16	1/14/16	1/14/16	1/14/16	1/14/16	1/14/16	1/14/16					
Sample Depth	2-4 ft. bgs	2-4 ft. bgs	4-6 ft. bgs	6-8 ft. bgs	6-8 ft. bgs	4-6 ft. bgs	4-6 ft. bgs	4-6 ft. bgs	9.5-11.5 ft. bgs	6-8 ft. bgs	1-3 ft. bgs	6-8 ft. bgs					
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Acetone	87.0	60.7	36.2 J	19.5 J	<10	28.7J	<10	<10	14.5 J	<10	20.3 J	<142	50	100,000	100,000	500,000	1,000,000
Carbon Disulfide	0.512 J	<0.221	<0.221	<0.221	<0.221	<0.221	<0.221	<0.221	<0.221	0.278 J	0.414 J	<3.15	NL	NL	NL	NL	NL
2- Butanone	8.40 J	9.44 J	<4.68	<4.68	<4.68	<4.68	<4.68	<4.68	<4.68	<4.68	<4.68	<4.68	120	100,000	100,000	500,000	1,000,000
Cis-1,2- Dichloroethene	<0.235	3.74	<0.235	<0.235	<0.235	0.358 J	0.357	11.0	10.1	<0.235	2.30	<3.315	250	59,000	100,000	500,000	1,000,000
Trichloroethene	<0.279	0.940 J	<0.279	<0.279	<0.279	1.29	1.17	4.92	4.34	<0.279	1.24	<3.98	470	10,000	21,000	200,000	400,000
Tetrachloroethene	81.4	37.5	1.12 J	<0.276	<0.276	123	100	6,270	9,420	3.32	7.23	209	1,300	5,500	19,000	150,000	300,000
Trans-1,2- Dichloroethene	<0.264	<0.264	<0.264	<0.264	<0.264	<0.264	<0.264	0.305 J	<0.264	<0.264	<0.264	<3.76	190	100,000	100,000	500,000	1,000,000

µg/kg = micrograms per kilogram
ft. bgs = feet below ground surface
NL = Not Listed
J = Indicates an estimated value
Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)
= Analyte detected above the Part 375 (Unrestricted) Soil Cleanup Objectives and Part 375 (Unrestricted) Soil Cleanup Objectives.

GROUNDWATER TESTING RESULTS

VOC by USEPA-846 Method 8260

Sample ID	TPMW1	TPMW2	TPMW3	TW4	TW5	NYSDEC Groundwater Criteria (Class GA)
Date Sampled	11/17/15	11/17/15	11/17/15	1/14/16	1/14/16	
Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Cis-1,2- Dichloroethene	3.16	<0.260	0.394 J	1.16	24.1	5
Trichloroethene	4.81	<0.398	<0.398	3.73	12.6	5
Tetrachloroethene	614	4.69	<0.372	458	2,240	5
Naphthalene	<10	<1	<1	<1	3.82 J	10
Trans-1,2-Dichloroethene	<0.396	<0.396	<0.396	<0.396	0.444 J	5
n-Propylbenzene	<0.349	<0.349	<0.349	<0.349	0.54 J	5
1,2,4-Trimethylbenzene	<0.373	<0.373	<0.373	<0.373	2.23	5
1,3,5-Trimethylbenzene	<0.387	<0.387	<0.387	<0.387	0.534 J	5
Ethylbenzene	<0.384	<0.384	<0.384	<0.384	0.793 J	5
m,p- Xylene	<0.719	<0.719	<0.719	<0.719	0.88 J	5

µg/L = micrograms per liter
J = Indicates an estimated value.
NYSDEC Groundwater Criteria (Class GA) = 6 NYCRR Part 703 (June 1998 and April 2000 Addendum)
= Analyte detected above the NYSDEC Groundwater Criteria.

Air/Vapor Investigation Analytical Results

New York State provides recommendations (i.e., no further action, monitor, or mitigate) for four VOCs including carbon tetrachloride, tetrachloroethylene (PCE), 1,1,1-trichloroethane, and trichloroethylene (TCE). If detected, these analytes were compared with the concentrations in the New York State Department of Health (NYSDOH) guidance for Evaluating Soil Vapor Intrusion in the State of New York.

Due to the lack of specific NYSDOH regulatory guidance values for the other analytes tested for in this study, analytes detected at concentrations above the laboratory's method detection limits (MDLs) were compared to the USEPA Building Assessment and Survey Evaluation (BASE) study (Final New York State Department of Health Vapor Intrusion Guidance, October 2006, Appendix C). Between 1994 and 1996, the USEPA measured indoor and outdoor air quality at 100 randomly selected public and commercial buildings across the United States. Many products stored at commercial, residential, and public buildings include VOCs which can be detected within indoor air. Only buildings with at least fifty full-time employees, no more than two air handling units, and without highly publicized indoor air quality complaints were eligible for inclusion in the study. For reference, the 25th percentile BASE concentration for a specific analyte in indoor air is the concentration of that analyte at which only 25% of the buildings in the BASE study had lower concentrations. For example, the 25th percentile BASE concentration for benzene in indoor air is 1.1 µg/m^3; this indicates that only 25% of the buildings in the BASE study had concentrations of benzene lower than 1.1 µg/m^3 in indoor air.

Soil Vapor/Indoor Air Matrix 1 (Trichloroethylene and Carbon Tetrachloride)

Sub-Slab Vapor Concentration of Compound (µg/m³)	**Indoor Air Concentration of Compound (mcg/m³)**			
	<0.25	0.25 to <1	1 to <5.0	5.0 and above
<5	1. No further action	2. Take reasonable and practical actions to identify source(s) and reduce exposure	3. Take reasonable and practical actions to identify source(s) and reduce exposure	4. Take reasonable and practical actions to identify source(s) and reduce exposure
5 to <50	5. No further action	6. Monitor	7. Monitor	8. Mitigate
50 to <250	9. Monitor	10. Monitor/Mitigate	11. Mitigate	12. Mitigate
250 and above	13. Mitigate	14. Mitigate	15. Mitigate	16. Mitigate

Soil Vapor/Indoor Air Matrix 2 (Tetrachloroethene and 1,1,1-Trichloroethane)

Sub-Slab Vapor Concentration of Compound (µg/m³)	Indoor Air Concentration of Compound (µg/m³)			
	<3	3 to <30	30 to <100	100 and above
<100	1. No further action	2. Take reasonable and practical actions to identify source(s) and reduce exposure	3. Take reasonable and practical actions to identify source(s) and reduce exposure	4. Take reasonable and practical actions to identify source(s) and reduce exposure
100 to <1,000	5. Monitor	6. Monitor/Mitigate	7. Mitigate	8. Mitigate
1,000 and above	9. Mitigate	10. Mitigate	11. Mitigate	12. Mitigate

NO FURTHER ACTION: Given that the compound was not detected in the indoor air sample and that the concentration detected in the sub-slab vapor sample is not expected to significantly affect indoor air quality, no additional actions are needed to address human exposures. Take reasonable and practical actions to identify source(s) and reduce exposures: The concentration detected in the indoor air sample is likely due to indoor and/or outdoor sources rather than soil vapor intrusion given the concentration detected in the sub-slab vapor sample. Therefore, steps should be taken to identify potential source(s) and to reduce exposures accordingly (e.g., by keeping containers tightly capped or by storing volatile organic compound-containing products in places where people do not spend much time, such as a garage or outdoor shed). Resampling may be recommended to demonstrate the effectiveness of actions taken to reduce exposures.

MONITOR: Monitoring, including sub-slab vapor, basement air, lowest occupied living space air, and outdoor air sampling, is needed to determine whether concentrations in the indoor air or sub-slab vapor have changed. Monitoring may also be needed to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined on a site-specific and building-specific basis, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

MITIGATE: Mitigation is needed to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system, and changing the pressurization of the building in conjunction with monitoring. The type or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

MONITOR / MITIGATE: Monitoring or mitigation may be recommended after considering the magnitude of sub-slab vapor and indoor air concentrations along with building- and site specific conditions.

AIR TESTING RESULTS

VOCs by USEPA SW-846 Method TO-15

Sample ID	INDOOR	OUTDOOR	SS1	SS2	SS3
Date Collected	**1/14/2016**	**1/14/2016**	**1/14/2016**	**1/14/2016**	**1/14/2016**
Units	**µg/m^3**	**µg/m^3**	**µg/m^3**	**µg/m^3**	**µg/m^3**
Acetone	5.08	3.71	39.6	114	23.0
Benzene	1.60	0.97	2.50	3.82	3.07
1,3-Butadiene	0.285 J	<0.125	<0.125	3.24 J	<0.125
Carbon disulfide	<0.169	<0.169	1.84	0.193 J	0.411 J
Carbon tetrachloride	0.597 J	0.55 J	0.422 J	0.49 J	0.479 J
Chloroform	<0.279	<0.279	<0.279	<0.279	1.77
Chloromethane	1.43	1.45	0.744	1.53	0.857
Cyclohexane	<0.184	<0.184	0.712	1.87	0.858
Ethanol	31.8	5.76	60.1	112	24.9
Ethylbenzene	0.509 J	<0.219	1.79	1.05	0.875
4-Ethyltoluene	<0.327	<0.237	0.52 J	0.554 J	<0.327
Trichlorofluoromethane	1.73	1.57	14.5	1.46	1.84
Dichlorodifluoromethane	2.20	2.03	320	1.72	2.19
1,1,2-Trichlorotrifluoroethane	0.669 J	0.695 J	0.67 J	0.612 J	0.679 J
Heptane	0.384 J	<0.256	1.02	1.26	1.21
n-Hexane	0.673 J	0.534 J	1.98	3.72	1.49
Naphthalene	<0.806	<0.806	<0.806	0.823 J	<0.806
2-Butanone (MEK)	<0.145	<0.145	3.04 J	1.83 J	2.70 J
4-Methyl-2-Pentone (MIBK)	<0.266	<0.266	8.85	0.772 J	2.54 J
2-Propanol	2.22 J	0.591 J	8.53	96.4	1.33 J
Toluene	1.35	0.618 J	8.27	3.26	4.65
Styrene	<0.198	<0.198	0.873	0.475 J	0.364 J
Tetrachloroethene	**42.6**	<0.337	**618**	**18.9**	**2,360**
Tetrahydrofuran	<0.15	<0.15	0.525 J	<0.15	<0.15
Trichloroethane	<0.292	<0.292	7.49	<0.292	0.725 J
1,1,1-Trichloroethane	<0.362	<0.362	1.82	<0.362	1.57
1,2,4-Trimethylbenzene	0.53 J	<0.237	1.81	1.89	0.82 J
1,3,5-Trimethylbenzene	<0.31	<0.31	0.485 J	0.583 J	<0.31
2,2,4-Trimethylpentane	0.649 J	0.645 J	3.25	1.82	0.59
m&p-Xylene	1.24 J	<0.41	6.44	3.09	2.76
o-Xylene	0.52 J	<0.274	2.22	1.28	0.957

SS = Sub slab vapor sample
µg/m^3 = micrograms per cubic meter
J = Estimated value

Conclusions

The purpose of this study was to further assess the chlorinated solvent impact identified during LCS' initial limited and focused subsurface soil and groundwater investigation.

Field Observations

PID measurements were above total ambient air background VOC measurements (i.e., 0.0 parts per million, ppm) in one of the 26 soil samples collected. The elevated concentration measured 41.5 ppm (BH10, ~4-6 ft. bgs). No petroleum or solvent-type odors were detected in soil samples collected from test borings In LCS' experience, the PID measurements and field observations do not suggest the obvious presence of VOC impact proximate to areas investigated.

Soil and Groundwater Laboratory Test Results

One VOC was detected at concentrations above the Part 375 (Unrestricted) Soil Cleanup Objectives and Part 375 (Residential) Soil Cleanup Objectives in two of the seven samples collected and submitted for VOCs analysis on 1/14/2016. The following VOC was detected in the same borehole at two different depths above such criteria:

- Tetrachloroethene in BH10 at 4-6 ft. and 9.5-11 ft.

Furthermore, three VOCs were detected at concentrations above the NYSDEC Groundwater Criteria (Class GA) in both of waters submitted for VOCs analysis on 1/14/2016. The following VOCs were detected in these samples at concentrations above the NYSDEC Groundwater Criteria (Class GA):

- Tetrachloroethene in TW4 and TW5
- Cis-1,2- Dichloroethene and Trichloroethene in TW5

In the previous study conducted on December 1, 2015, Tetrachloroethene was detected at concentrations above the NYSDEC Groundwater Criteria (Class GA) in TPMW1.

The extent of the soil and groundwater impact is not known.

Vapor Intrusion Laboratory Test Results

According to the laboratory results, of the four VOCs for which NYSDOH provides recommendations [carbon tetrachloride, tetrachloroethylene (PCE), 1,1,1-trichloroethane, and trichloroethylene (TCE)] one VOC [Tetrachloroethene (PCE)] was detected at concentrations that the NYSDOH guidance specifies requires further action (Mitigate) from a vapor intrusion perspective. No other analytes were detected at concentrations above percentile for BASE criteria.

Recommendations

Based on the results of LCS' studies, additional study is recommended to better delineate the extent of solvent impact in soil and groundwater. Additional study of soil and groundwater should include areas beneath the on-site structure as well as areas south of the structure. Similarly, additional assessment for vapor intrusion is recommended beneath the on-site structure.

Once the extent solvent impact has been determined, remedial options can be considered and a remedial action plan can be prepared.

Additionally, environmental legal counsel should be consulted to evaluate potential reporting obligations, if any, to the NYSDEC.

Thank you for allowing LCS to service your environmental needs. If you have any questions or require additional information, please do not hesitate to call our office.

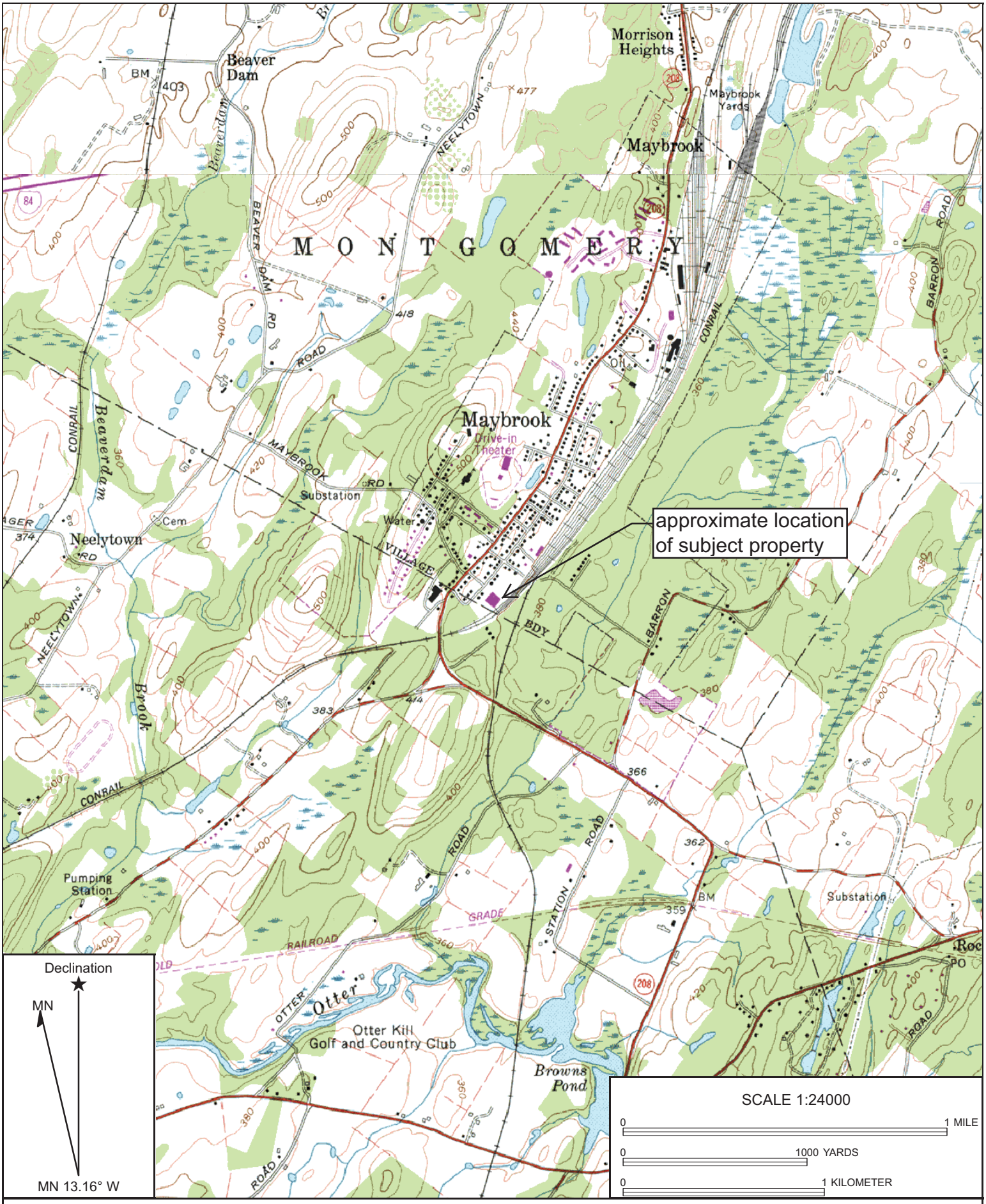
Sincerely,

Brandon Stau
Environmental Analyst/ Project Manager

Reviewed by:

Douglas B. Reid
Sr. VP, Environmental Services
Sr. Environmental Scientist

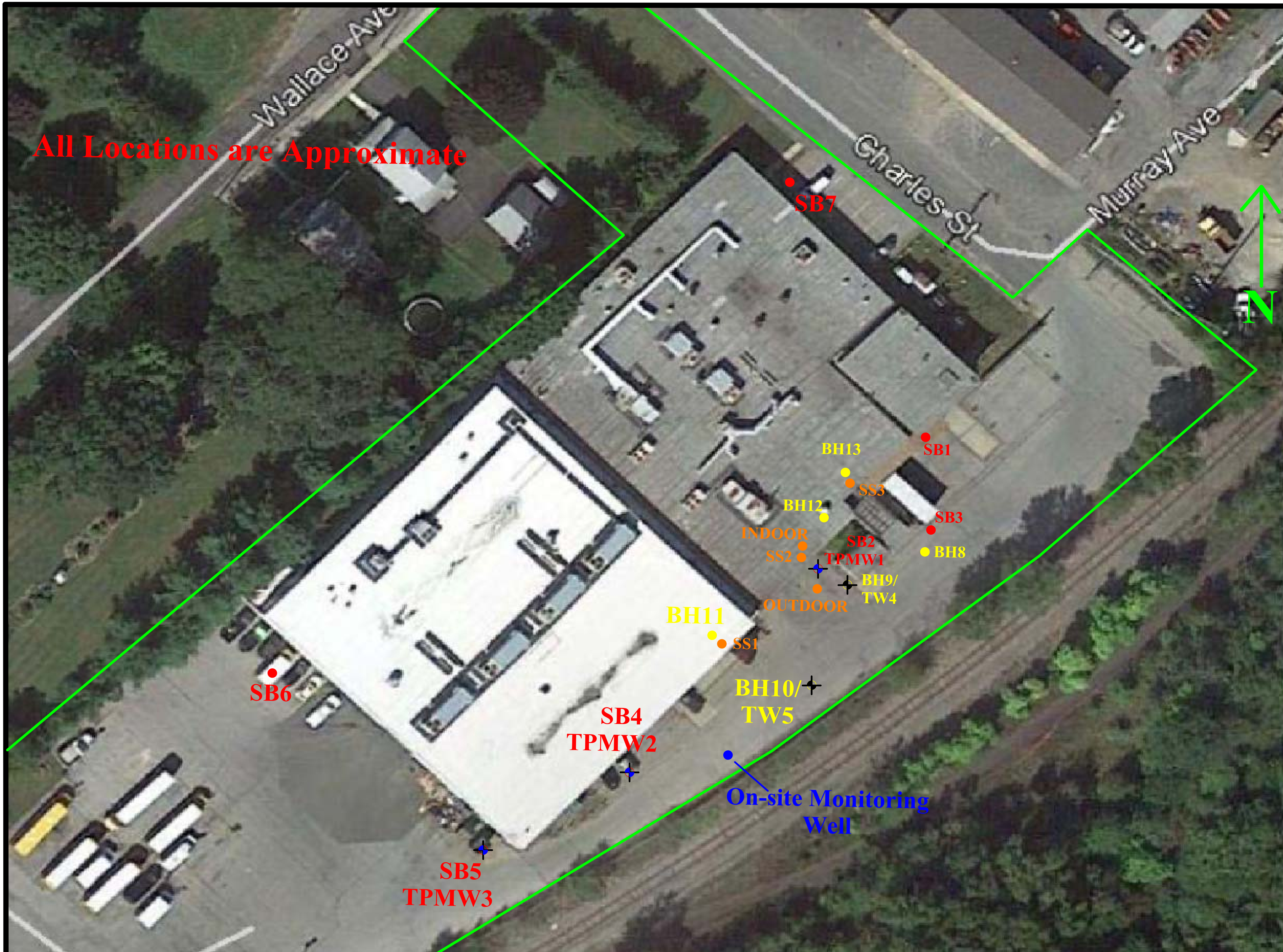
SITE LOCATION MAP



Name: MAYBROOK 1957, revised 1981
Date: 01/02/15
Scale: 1 inch = 2,000 ft.

Location: 041° 28' 51.45" N 074° 13' 06.51" W

SUBSURFACE INVESTIGATION MAP



Drawn by: BMS

Checked by: DBR

50 100
Approximate Scale in Feet

LCS Project # 15N6714.22

FIGURE 2- SITE INVESTIGATION PLAN

201 Charles Street, 116 Wallace Avenue, and Two Unaddressed Parcels on Old Creamery Road (Parcel Nos. 112-5-5.2, 112-5-1, 114-1-1, and 114-1-2) Maybrook, New York

LCS INC.

SUBSURFACE LOGS

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 201 Charles Street, 116 Wallace Avenue, and Two Unaddressed Parcels on Old Creamery Road, Maybrook, New York

PROJECT No. 15N6714.22

CLIENT: West Port Management, LLC

BORING/WELL No. BH8

DATE STARTED: 1/14/2016 DATE COMPLETED: 1/14/2016 RECORDED BY: MN

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 21 °F Sunny DRILL RIG: Geoprobe DRILLER: TREC

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	U	-	-	14	0 – 0.4 ft: Asphalt
2	0.0	2-4	U	-	-	14	0.4 – 2 ft: Gray gravel (coarse, angular, loose, moist)
3	0.0	4-6	U	-	-	15	2 – 8 ft: Brown silty sand (medium, loose, moist) (weathered rock)
4	0.0	6-8	U	-	-	15	Refusal encountered at ~8 ft. bgs.

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~2 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 201 Charles Street, 116 Wallace Avenue, and Two Unaddressed Parcels on Old Creamery Road, Maybrook, New York

PROJECT No. 15N6714.22

CLIENT: West Port Management, LLC

BORING/WELL No. BH9/TPMW4

DATE STARTED: 1/14/2016 DATE COMPLETED: 1/14/2016 RECORDED BY: MN

GROUNDWATER DEPTH WHILE DRILLING: ~10 ft. bgs. AFTER COMPLETION: ~10 ft. bgs.

WEATHER: 21 °F Sunny DRILL RIG: Geoprobe DRILLER: TREC

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	U	-	-	20	0 – 0.4 ft: Asphalt
2	0.0	2-4	U	-	-	20	0.4 – 2 ft: Gray gravelly silt (low plasticity, dry)
3	0.0	4-6	U	-	-	24	2 – 10 ft: Brown silt (low plasticity, moist) (weathered rock)
4	0.0	6-8	U	-	-	24	10 – 11.5 ft: Brown silt (low plasticity, wet)
5	0.0	8-10	U	-	-	15	Refusal encountered at ~11.5 ft. bgs.
6	0.0	10-12	U	-	-	15	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~2 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 201 Charles Street, 116 Wallace Avenue, and Two Unaddressed Parcels on Old Creamery Road, Maybrook, New York

PROJECT No. 15N6714.22

CLIENT: West Port Management, LLC

BORING/WELL No. BH10/TPMW5

DATE STARTED: 1/14/2016 DATE COMPLETED: 1/14/2016 RECORDED BY: MN

GROUNDWATER DEPTH WHILE DRILLING: ~10 ft. bgs AFTER COMPLETION: ~10 ft. bgs

WEATHER: 21 °F Sunny DRILL RIG: Geoprobe DRILLER: TREC

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	U	-	-	22	0 – 0.4 ft: Asphalt
2	0.0	2-4	U	-	-	22	0.4 – 2 ft: Gray gravelly silt (low plasticity, dry)
3	41.5	4-6	U	-	-	24	2 – 10 ft: Brown silty sand (medium, loose, moist) (weathered rock)
4	6.3	6-8	U	-	-	24	10 – 11.5 ft: Brown silty sand (medium, loose, moist) (weathered rock)
5	0.0	8-10	U	-	-	6	
6	0.0	10-12	U	-	-	6	Refusal encountered at ~11.5 ft. bgs.

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~2 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 201 Charles Street, 116 Wallace Avenue, and Two Unaddressed Parcels on Old Creamery Road, Maybrook, New York

PROJECT No. 15N6714.22

CLIENT: West Port Management, LLC

BORING/WELL No. BH11

DATE STARTED: 1/14/2016 DATE COMPLETED: 1/14/2016 RECORDED BY: MN

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 21 °F Sunny DRILL RIG: Geoprobe DRILLER: TREC

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	U	-	-	13	0 – 3 ft: Gray gravelly silt (low plasticity, dry)
2	0.0	2-4	U	-	-	13	3 – 8 ft: Brown gravelly silty sand (medium, loose, dry) (weathered rock
3	0.0	4-6	U	-	-	20	
							Refusal encountered at ~8 ft. bgs.
4	0.0	6-8	U	-	-	20	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~3 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 201 Charles Street, 116 Wallace Avenue, and Two Unaddressed Parcels on Old Creamery Road, Maybrook, New York

PROJECT No. 15N6714.22

CLIENT: West Port Management, LLC

BORING/WELL No. BH12

DATE STARTED: 1/14/2016 DATE COMPLETED: 1/14/2016 RECORDED BY: MN

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 21 °F Sunny DRILL RIG: Geoprobe DRILLER: TREC

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	U	-	-	11	0 – 2 ft: Brown Gravelly silt (low plasticity, dry)
2	0.0	2-4	U	-	-	11	2 – 3 ft: Gray clay (low plasticity, stiff, dry) Refusal encountered at ~3 ft. bgs.

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~2 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 201 Charles Street, 116 Wallace Avenue, and Two Unaddressed Parcels on Old Creamery Road, Maybrook, New York

PROJECT No. 15N6714.22

CLIENT: West Port Management, LLC

BORING/WELL No. BH13

DATE STARTED: 1/14/2016 DATE COMPLETED: 1/14/2016 RECORDED BY: MN

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 21 °F Sunny DRILL RIG: Geoprobe DRILLER: TREC

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	U	-	-	23	0 – 3 ft: Gray gravelly silt (low plasticity, dry)
2	0.0	2-4	U	-	-	23	3 – 8 ft: Brown gravelly silty sand (medium, loose, dry) (weathered rock
3	0.0	4-6	U	-	-	21	
							Refusal encountered at ~8 ft. bgs.
4	0.0	6-8	U	-	-	21	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~3 ft. bgs

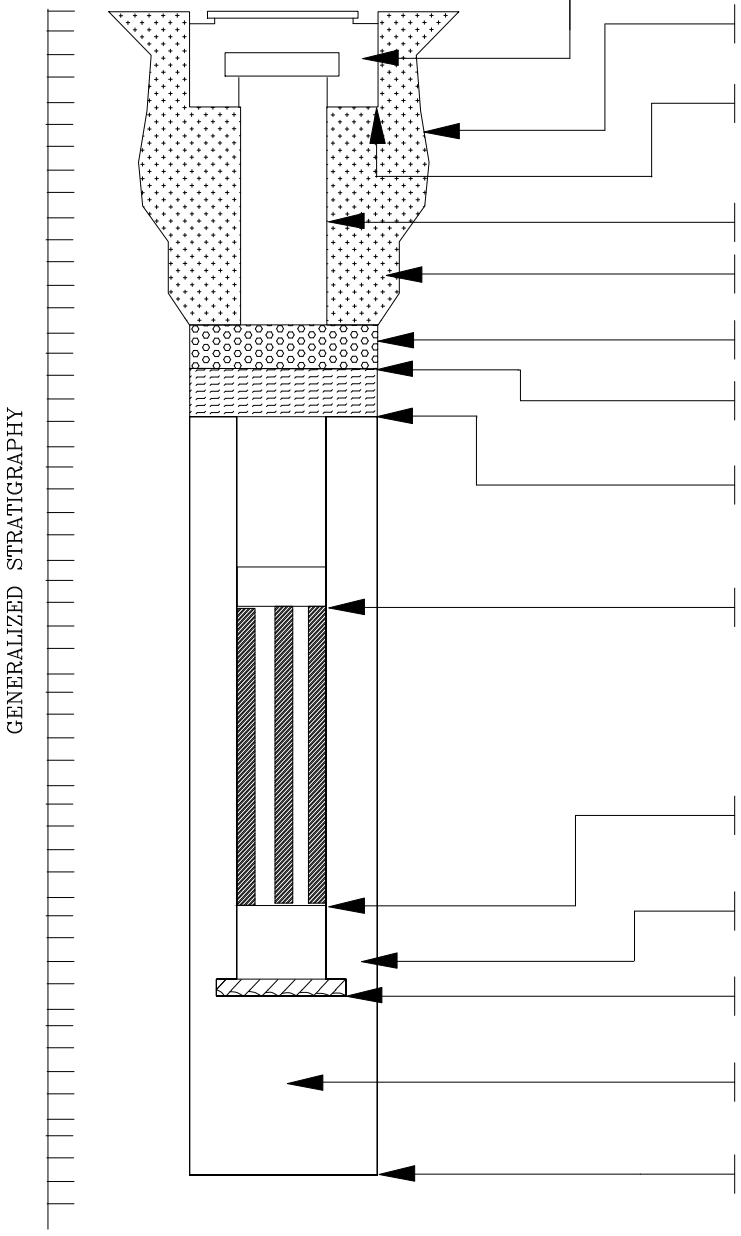
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

WELL CONSTRUCTION DETAILS

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	201 Charles Street, 116 Wallace Avenue, and Two Unaddressed Parcels on Old Creamery Road, Maybrook, New York	PROJECT No.	15N6714.22
CLIENT:	West Port Management, LLC	WELL No.	TW4
DATE COMPLETED:	1/14/2016	SUPERVISED BY:	MN



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 1.0 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 1.3 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 11.3 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 11.5 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 11.5 ft. bgs

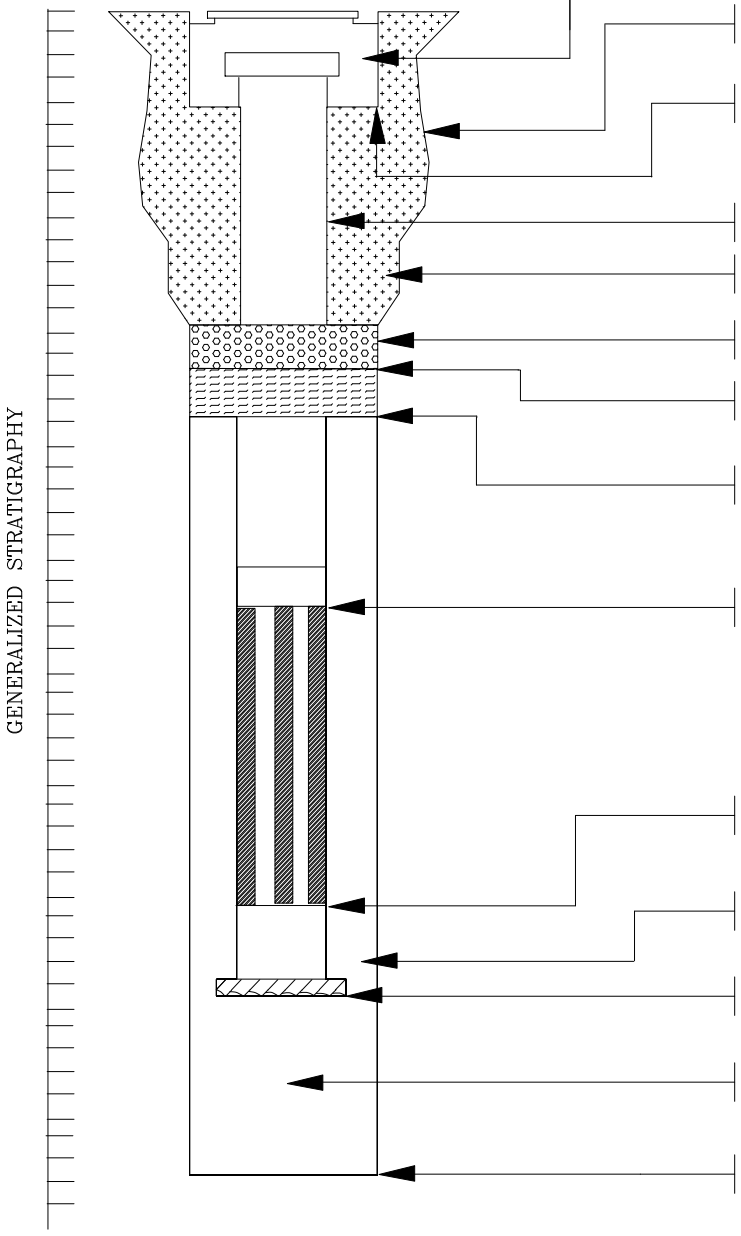
TYPE OF FILLER
BELOW PLUGGED BLANK: NA

BOTTOM OF BOREHOLE
Elevation/Depth: 11.5 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	201 Charles Street, 116 Wallace Avenue, and Two Unaddressed Parcels on Old Creamery Road, Maybrook, New York	PROJECT No.	15N6714.22
CLIENT:	West Port Management, LLC	WELL No.	TW5
DATE COMPLETED:	1/14/2016	SUPERVISED BY:	MN



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Achedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft.bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 1.0 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 1.3 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 11.3 ft.bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 11.5 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 11.5 ft.bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: NA

BOTTOM OF BOREHOLE
Elevation/Depth: 11.5 ft. bgs

NOTES

ANALYTICAL RESULTS

ANALYTICAL REPORT

January 20, 2016

Lender Consulting Services - NY

Sample Delivery Group:	L812440
Samples Received:	01/16/2016
Project Number:	15N6714.22
Description:	

Report To:

Mr. Doug Reid
40 La Riviere Dr., Ste. 120
Buffalo, NY 14202

Entire Report Reviewed By:

T. Alan Harvill
Technical Service Representative

INDOOR L812440-01 Air

Collected by: Manny Nazario
Collected date/time: 01/14/16 17:02
Received date/time: 01/16/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG842953	1	01/17/16 17:06	01/17/16 17:06	MBF

OUTDOOR L812440-02 Air

Collected by: Manny Nazario
Collected date/time: 01/14/16 17:00
Received date/time: 01/16/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG842953	1	01/17/16 18:02	01/17/16 18:02	MBF

SS-1 L812440-03 Air

Collected by: Manny Nazario
Collected date/time: 01/14/16 17:07
Received date/time: 01/16/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG842953	1	01/17/16 18:57	01/17/16 18:57	MBF
Volatile Organic Compounds (MS) by Method TO-15	WG843168	16	01/18/16 16:05	01/18/16 16:05	MBF

SS-2 L812440-04 Air

Collected by: Manny Nazario
Collected date/time: 01/14/16 17:20
Received date/time: 01/16/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG842953	1	01/17/16 19:54	01/17/16 19:54	MBF
Volatile Organic Compounds (MS) by Method TO-15	WG843168	20	01/18/16 18:07	01/18/16 18:07	MBF

SS-3 L812440-05 Air

Collected by: Manny Nazario
Collected date/time: 01/14/16 17:30
Received date/time: 01/16/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG842953	1	01/17/16 20:48	01/17/16 20:48	MBF
Volatile Organic Compounds (MS) by Method TO-15	WG843168	20	01/18/16 18:44	01/18/16 18:44	MBF

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

T. Alan Harvill
Technical Service Representative

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL1 ppbv	RDL1 ppb	RDL2 ug/m3	Result ppb	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	0.0569	1.25	2.97	2.14	5.08		1	WG842953
Allyl chloride	107-05-1	76.53	0.0546	0.200	0.626	U	U		1	WG842953
Benzene	71-43-2	78.10	0.0460	0.200	0.639	0.500	1.60		1	WG842953
Benzyl Chloride	100-44-7	127	0.0598	0.200	1.04	U	U		1	WG842953
Bromodichloromethane	75-27-4	164	0.0436	0.200	1.34	U	U		1	WG842953
Bromoform	75-25-2	253	0.0786	0.600	6.21	U	U		1	WG842953
Bromomethane	74-83-9	94.90	0.0609	0.200	0.776	U	U		1	WG842953
1,3-Butadiene	106-99-0	54.10	0.0563	2.00	4.43	0.129	0.285	J	1	WG842953
Carbon disulfide	75-15-0	76.10	0.0544	0.200	0.622	U	U		1	WG842953
Carbon tetrachloride	56-23-5	154	0.0585	0.200	1.26	0.0948	0.597	J	1	WG842953
Chlorobenzene	108-90-7	113	0.0601	0.200	0.924	U	U		1	WG842953
Chloroethane	75-00-3	64.50	0.0489	0.200	0.528	U	U		1	WG842953
Chloroform	67-66-3	119	0.0574	0.200	0.973	U	U		1	WG842953
Chloromethane	74-87-3	50.50	0.0544	0.200	0.413	0.695	1.43		1	WG842953
2-Chlorotoluene	95-49-8	126	0.0605	0.200	1.03	U	U		1	WG842953
Cyclohexane	110-82-7	84.20	0.0534	0.200	0.689	U	U		1	WG842953
Dibromochloromethane	124-48-1	208	0.0494	0.200	1.70	U	U		1	WG842953
1,2-Dibromoethane	106-93-4	188	0.0185	0.200	1.54	U	U		1	WG842953
1,2-Dichlorobenzene	95-50-1	147	0.0603	0.200	1.20	U	U		1	WG842953
1,3-Dichlorobenzene	541-73-1	147	0.0597	0.200	1.20	U	U		1	WG842953
1,4-Dichlorobenzene	106-46-7	147	0.0557	0.200	1.20	U	U		1	WG842953
1,2-Dichloroethane	107-06-2	99	0.0616	0.200	0.810	U	U		1	WG842953
1,1-Dichloroethane	75-34-3	98	0.0514	0.200	0.802	U	U		1	WG842953
1,1-Dichloroethene	75-35-4	96.90	0.0490	0.200	0.793	U	U		1	WG842953
cis-1,2-Dichloroethene	156-59-2	96.90	0.0389	0.200	0.793	U	U		1	WG842953
trans-1,2-Dichloroethene	156-60-5	96.90	0.0464	0.200	0.793	U	U		1	WG842953
1,2-Dichloropropane	78-87-5	113	0.0599	0.200	0.924	U	U		1	WG842953
cis-1,3-Dichloropropene	10061-01-5	111	0.0588	0.200	0.908	U	U		1	WG842953
trans-1,3-Dichloropropene	10061-02-6	111	0.0435	0.200	0.908	U	U		1	WG842953
1,4-Dioxane	123-91-1	88.10	0.0554	0.200	0.721	U	U		1	WG842953
Ethanol	64-17-5	46.10	0.0832	0.630	1.19	16.9	31.8		1	WG842953
Ethylbenzene	100-41-4	106	0.0506	0.200	0.867	0.117	0.509	J	1	WG842953
4-Ethyltoluene	622-96-8	120	0.0666	0.200	0.982	U	U		1	WG842953
Trichlorofluoromethane	75-69-4	137.40	0.0673	0.200	1.12	0.307	1.73		1	WG842953
Dichlorodifluoromethane	75-71-8	120.92	0.0601	0.200	0.989	0.444	2.20		1	WG842953
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.0687	0.200	1.53	0.0872	0.669	J	1	WG842953
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.0458	0.200	1.40	U	U		1	WG842953
Heptane	142-82-5	100	0.0626	0.200	0.818	0.0939	0.384	J	1	WG842953
Hexachloro-1,3-butadiene	87-68-3	261	0.0656	0.630	6.73	U	U		1	WG842953
n-Hexane	110-54-3	86.20	0.0457	0.200	0.705	0.191	0.673	J	1	WG842953
Isopropylbenzene	98-82-8	120.20	0.0563	0.200	0.983	U	U		1	WG842953
Methylene Chloride	75-09-2	84.90	0.0465	0.200	0.694	U	U		1	WG842953
Methyl Butyl Ketone	591-78-6	100	0.0682	1.25	5.11	U	U		1	WG842953
2-Butanone (MEK)	78-93-3	72.10	0.0493	1.25	3.69	U	U		1	WG842953
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.0650	1.25	5.12	U	U		1	WG842953
Methyl methacrylate	80-62-6	100.12	0.0773	0.200	0.819	U	U		1	WG842953
MTBE	1634-04-4	88.10	0.0505	0.200	0.721	U	U		1	WG842953
Naphthalene	91-20-3	128	0.154	0.630	3.30	U	U		1	WG842953
2-Propanol	67-63-0	60.10	0.0882	1.25	3.07	0.902	2.22	J	1	WG842953
Propene	115-07-1	42.10	0.0932	0.400	0.689	U	U		1	WG842953
Styrene	100-42-5	104	0.0465	0.200	0.851	U	U		1	WG842953
1,1,2,2-Tetrachloroethane	79-34-5	168	0.0576	0.200	1.37	U	U		1	WG842953
Tetrachloroethylene	127-18-4	166	0.0497	0.200	1.36	6.28	42.6		1	WG842953
Tetrahydrofuran	109-99-9	72.10	0.0508	0.200	0.590	U	U		1	WG842953
Toluene	108-88-3	92.10	0.0499	0.200	0.753	0.358	1.35		1	WG842953
1,2,4-Trichlorobenzene	120-82-1	181	0.148	0.630	4.66	U	U		1	WG842953

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL1 ppbv	RDL1 ppb	RDL2 ug/m3	Result ppb	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.0665	0.200	1.09	U	U		1	WG842953
1,1,2-Trichloroethane	79-00-5	133	0.0287	0.200	1.09	U	U		1	WG842953
Trichloroethylene	79-01-6	131	0.0545	0.200	1.07	U	U		1	WG842953
1,2,4-Trimethylbenzene	95-63-6	120	0.0483	0.200	0.982	0.108	0.530	J	1	WG842953
1,3,5-Trimethylbenzene	108-67-8	120	0.0631	0.200	0.982	U	U		1	WG842953
2,2,4-Trimethylpentane	540-84-1	114.22	0.0456	0.200	0.934	0.139	0.649	J	1	WG842953
Vinyl chloride	75-01-4	62.50	0.0457	0.200	0.511	U	U		1	WG842953
Vinyl Bromide	593-60-2	106.95	0.0727	0.200	0.875	U	U		1	WG842953
Vinyl acetate	108-05-4	86.10	0.0639	0.200	0.704	U	U		1	WG842953
m&p-Xylene	1330-20-7	106	0.0946	0.400	1.73	0.286	1.24	J	1	WG842953
o-Xylene	95-47-6	106	0.0633	0.200	0.867	0.120	0.520	J	1	WG842953
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*		*60.0-140*		*105*				WG842953

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL1 ppbv	RDL1 ppb	RDL2 ug/m3	Result ppb	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	0.0569	1.25	2.97	1.56	3.71		1	WG842953
Allyl chloride	107-05-1	76.53	0.0546	0.200	0.626	U	U		1	WG842953
Benzene	71-43-2	78.10	0.0460	0.200	0.639	0.304	0.970		1	WG842953
Benzyl Chloride	100-44-7	127	0.0598	0.200	1.04	U	U		1	WG842953
Bromodichloromethane	75-27-4	164	0.0436	0.200	1.34	U	U		1	WG842953
Bromoform	75-25-2	253	0.0786	0.600	6.21	U	U		1	WG842953
Bromomethane	74-83-9	94.90	0.0609	0.200	0.776	U	U		1	WG842953
1,3-Butadiene	106-99-0	54.10	0.0563	2.00	4.43	U	U		1	WG842953
Carbon disulfide	75-15-0	76.10	0.0544	0.200	0.622	U	U		1	WG842953
Carbon tetrachloride	56-23-5	154	0.0585	0.200	1.26	0.0874	0.550	J	1	WG842953
Chlorobenzene	108-90-7	113	0.0601	0.200	0.924	U	U		1	WG842953
Chloroethane	75-00-3	64.50	0.0489	0.200	0.528	U	U		1	WG842953
Chloroform	67-66-3	119	0.0574	0.200	0.973	U	U		1	WG842953
Chloromethane	74-87-3	50.50	0.0544	0.200	0.413	0.700	1.45		1	WG842953
2-Chlorotoluene	95-49-8	126	0.0605	0.200	1.03	U	U		1	WG842953
Cyclohexane	110-82-7	84.20	0.0534	0.200	0.689	U	U		1	WG842953
Dibromochloromethane	124-48-1	208	0.0494	0.200	1.70	U	U		1	WG842953
1,2-Dibromoethane	106-93-4	188	0.0185	0.200	1.54	U	U		1	WG842953
1,2-Dichlorobenzene	95-50-1	147	0.0603	0.200	1.20	U	U		1	WG842953
1,3-Dichlorobenzene	541-73-1	147	0.0597	0.200	1.20	U	U		1	WG842953
1,4-Dichlorobenzene	106-46-7	147	0.0557	0.200	1.20	U	U		1	WG842953
1,2-Dichloroethane	107-06-2	99	0.0616	0.200	0.810	U	U		1	WG842953
1,1-Dichloroethane	75-34-3	98	0.0514	0.200	0.802	U	U		1	WG842953
1,1-Dichloroethene	75-35-4	96.90	0.0490	0.200	0.793	U	U		1	WG842953
cis-1,2-Dichloroethene	156-59-2	96.90	0.0389	0.200	0.793	U	U		1	WG842953
trans-1,2-Dichloroethene	156-60-5	96.90	0.0464	0.200	0.793	U	U		1	WG842953
1,2-Dichloropropane	78-87-5	113	0.0599	0.200	0.924	U	U		1	WG842953
cis-1,3-Dichloropropene	10061-01-5	111	0.0588	0.200	0.908	U	U		1	WG842953
trans-1,3-Dichloropropene	10061-02-6	111	0.0435	0.200	0.908	U	U		1	WG842953
1,4-Dioxane	123-91-1	88.10	0.0554	0.200	0.721	U	U		1	WG842953
Ethanol	64-17-5	46.10	0.0832	0.630	1.19	3.06	5.76		1	WG842953
Ethylbenzene	100-41-4	106	0.0506	0.200	0.867	U	U		1	WG842953
4-Ethyltoluene	622-96-8	120	0.0666	0.200	0.982	U	U		1	WG842953
Trichlorofluoromethane	75-69-4	137.40	0.0673	0.200	1.12	0.279	1.57		1	WG842953
Dichlorodifluoromethane	75-71-8	120.92	0.0601	0.200	0.989	0.410	2.03		1	WG842953
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.0687	0.200	1.53	0.0907	0.695	J	1	WG842953
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.0458	0.200	1.40	U	U		1	WG842953
Heptane	142-82-5	100	0.0626	0.200	0.818	U	U		1	WG842953
Hexachloro-1,3-butadiene	87-68-3	261	0.0656	0.630	6.73	U	U		1	WG842953
n-Hexane	110-54-3	86.20	0.0457	0.200	0.705	0.151	0.534	J	1	WG842953
Isopropylbenzene	98-82-8	120.20	0.0563	0.200	0.983	U	U		1	WG842953
Methylene Chloride	75-09-2	84.90	0.0465	0.200	0.694	U	U		1	WG842953
Methyl Butyl Ketone	591-78-6	100	0.0682	1.25	5.11	U	U		1	WG842953
2-Butanone (MEK)	78-93-3	72.10	0.0493	1.25	3.69	U	U		1	WG842953
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.0650	1.25	5.12	U	U		1	WG842953
Methyl methacrylate	80-62-6	100.12	0.0773	0.200	0.819	U	U		1	WG842953
MTBE	1634-04-4	88.10	0.0505	0.200	0.721	U	U		1	WG842953
Naphthalene	91-20-3	128	0.154	0.630	3.30	U	U		1	WG842953
2-Propanol	67-63-0	60.10	0.0882	1.25	3.07	0.241	0.591	J	1	WG842953
Propene	115-07-1	42.10	0.0932	0.400	0.689	U	U		1	WG842953
Styrene	100-42-5	104	0.0465	0.200	0.851	U	U		1	WG842953
1,1,2,2-Tetrachloroethane	79-34-5	168	0.0576	0.200	1.37	U	U		1	WG842953
Tetrachloroethylene	127-18-4	166	0.0497	0.200	1.36	U	U		1	WG842953
Tetrahydrofuran	109-99-9	72.10	0.0508	0.200	0.590	U	U		1	WG842953
Toluene	108-88-3	92.10	0.0499	0.200	0.753	0.164	0.618	J	1	WG842953
1,2,4-Trichlorobenzene	120-82-1	181	0.148	0.630	4.66	U	U		1	WG842953

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL1 ppbv	RDL1 ppb	RDL2 ug/m3	Result ppb	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.0665	0.200	1.09	U	U		1	WG842953
1,1,2-Trichloroethane	79-00-5	133	0.0287	0.200	1.09	U	U		1	WG842953
Trichloroethylene	79-01-6	131	0.0545	0.200	1.07	U	U		1	WG842953
1,2,4-Trimethylbenzene	95-63-6	120	0.0483	0.200	0.982	U	U		1	WG842953
1,3,5-Trimethylbenzene	108-67-8	120	0.0631	0.200	0.982	U	U		1	WG842953
2,2,4-Trimethylpentane	540-84-1	114.22	0.0456	0.200	0.934	0.138	0.645	J	1	WG842953
Vinyl chloride	75-01-4	62.50	0.0457	0.200	0.511	U	U		1	WG842953
Vinyl Bromide	593-60-2	106.95	0.0727	0.200	0.875	U	U		1	WG842953
Vinyl acetate	108-05-4	86.10	0.0639	0.200	0.704	U	U		1	WG842953
m&p-Xylene	1330-20-7	106	0.0946	0.400	1.73	U	U		1	WG842953
o-Xylene	95-47-6	106	0.0633	0.200	0.867	U	U		1	WG842953
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*		*60.0-140*		*106*				WG842953

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL1 ppbv	RDL1 ppb	RDL2 ug/m3	Result ppb	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	0.0569	1.25	2.97	16.7	39.6		1	WG842953
Allyl chloride	107-05-1	76.53	0.0546	0.200	0.626	U	U		1	WG842953
Benzene	71-43-2	78.10	0.0460	0.200	0.639	0.782	2.50		1	WG842953
Benzyl Chloride	100-44-7	127	0.0598	0.200	1.04	U	U		1	WG842953
Bromodichloromethane	75-27-4	164	0.0436	0.200	1.34	U	U		1	WG842953
Bromoform	75-25-2	253	0.0786	0.600	6.21	U	U		1	WG842953
Bromomethane	74-83-9	94.90	0.0609	0.200	0.776	U	U		1	WG842953
1,3-Butadiene	106-99-0	54.10	0.0563	2.00	4.43	U	U		1	WG842953
Carbon disulfide	75-15-0	76.10	0.0544	0.200	0.622	0.590	1.84		1	WG842953
Carbon tetrachloride	56-23-5	154	0.0585	0.200	1.26	0.0669	0.422	J	1	WG842953
Chlorobenzene	108-90-7	113	0.0601	0.200	0.924	U	U		1	WG842953
Chloroethane	75-00-3	64.50	0.0489	0.200	0.528	U	U		1	WG842953
Chloroform	67-66-3	119	0.0574	0.200	0.973	U	U		1	WG842953
Chloromethane	74-87-3	50.50	0.0544	0.200	0.413	0.360	0.744		1	WG842953
2-Chlorotoluene	95-49-8	126	0.0605	0.200	1.03	U	U		1	WG842953
Cyclohexane	110-82-7	84.20	0.0534	0.200	0.689	0.207	0.712		1	WG842953
Dibromochloromethane	124-48-1	208	0.0494	0.200	1.70	U	U		1	WG842953
1,2-Dibromoethane	106-93-4	188	0.0185	0.200	1.54	U	U		1	WG842953
1,2-Dichlorobenzene	95-50-1	147	0.0603	0.200	1.20	U	U		1	WG842953
1,3-Dichlorobenzene	541-73-1	147	0.0597	0.200	1.20	U	U		1	WG842953
1,4-Dichlorobenzene	106-46-7	147	0.0557	0.200	1.20	U	U		1	WG842953
1,2-Dichloroethane	107-06-2	99	0.0616	0.200	0.810	U	U		1	WG842953
1,1-Dichloroethane	75-34-3	98	0.0514	0.200	0.802	U	U		1	WG842953
1,1-Dichloroethene	75-35-4	96.90	0.0490	0.200	0.793	U	U		1	WG842953
cis-1,2-Dichloroethene	156-59-2	96.90	0.0389	0.200	0.793	U	U		1	WG842953
trans-1,2-Dichloroethene	156-60-5	96.90	0.0464	0.200	0.793	U	U		1	WG842953
1,2-Dichloropropane	78-87-5	113	0.0599	0.200	0.924	U	U		1	WG842953
cis-1,3-Dichloropropene	10061-01-5	111	0.0588	0.200	0.908	U	U		1	WG842953
trans-1,3-Dichloropropene	10061-02-6	111	0.0435	0.200	0.908	U	U		1	WG842953
1,4-Dioxane	123-91-1	88.10	0.0554	0.200	0.721	U	U		1	WG842953
Ethanol	64-17-5	46.10	1.33	10.1	19.0	31.9	60.1		16	WG843168
Ethylbenzene	100-41-4	106	0.0506	0.200	0.867	0.413	1.79		1	WG842953
4-Ethyltoluene	622-96-8	120	0.0666	0.200	0.982	0.106	0.520	J	1	WG842953
Trichlorofluoromethane	75-69-4	137.40	0.0673	0.200	1.12	2.58	14.5		1	WG842953
Dichlorodifluoromethane	75-71-8	120.92	0.962	3.20	15.8	64.8	320		16	WG843168
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.0687	0.200	1.53	0.0875	0.670	J	1	WG842953
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.0458	0.200	1.40	U	U		1	WG842953
Heptane	142-82-5	100	0.0626	0.200	0.818	0.250	1.02		1	WG842953
Hexachloro-1,3-butadiene	87-68-3	261	0.0656	0.630	6.73	U	U		1	WG842953
n-Hexane	110-54-3	86.20	0.0457	0.200	0.705	0.561	1.98		1	WG842953
Isopropylbenzene	98-82-8	120.20	0.0563	0.200	0.983	U	U		1	WG842953
Methylene Chloride	75-09-2	84.90	0.0465	0.200	0.694	U	U		1	WG842953
Methyl Butyl Ketone	591-78-6	100	0.0682	1.25	5.11	U	U		1	WG842953
2-Butanone (MEK)	78-93-3	72.10	0.0493	1.25	3.69	1.03	3.04	J	1	WG842953
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.0650	1.25	5.12	2.16	8.85		1	WG842953
Methyl methacrylate	80-62-6	100.12	0.0773	0.200	0.819	U	U		1	WG842953
MTBE	1634-04-4	88.10	0.0505	0.200	0.721	U	U		1	WG842953
Naphthalene	91-20-3	128	0.154	0.630	3.30	U	U		1	WG842953
2-Propanol	67-63-0	60.10	0.0882	1.25	3.07	3.47	8.53		1	WG842953
Propene	115-07-1	42.10	0.0932	0.400	0.689	U	U		1	WG842953
Styrene	100-42-5	104	0.0465	0.200	0.851	0.205	0.873		1	WG842953
1,1,2,2-Tetrachloroethane	79-34-5	168	0.0576	0.200	1.37	U	U		1	WG842953
Tetrachloroethylene	127-18-4	166	0.795	3.20	21.7	91.1	618		16	WG843168
Tetrahydrofuran	109-99-9	72.10	0.0508	0.200	0.590	0.178	0.525	J	1	WG842953
Toluene	108-88-3	92.10	0.0499	0.200	0.753	2.20	8.27		1	WG842953
1,2,4-Trichlorobenzene	120-82-1	181	0.148	0.630	4.66	U	U		1	WG842953

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL1 ppbv	RDL1 ppb	RDL2 ug/m3	Result ppb	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.0665	0.200	1.09	0.335	1.82		1	WG842953
1,1,2-Trichloroethane	79-00-5	133	0.0287	0.200	1.09	U	U		1	WG842953
Trichloroethylene	79-01-6	131	0.0545	0.200	1.07	1.40	7.49		1	WG842953
1,2,4-Trimethylbenzene	95-63-6	120	0.0483	0.200	0.982	0.368	1.81		1	WG842953
1,3,5-Trimethylbenzene	108-67-8	120	0.0631	0.200	0.982	0.0988	0.485	J	1	WG842953
2,2,4-Trimethylpentane	540-84-1	114.22	0.0456	0.200	0.934	0.696	3.25		1	WG842953
Vinyl chloride	75-01-4	62.50	0.0457	0.200	0.511	U	U		1	WG842953
Vinyl Bromide	593-60-2	106.95	0.0727	0.200	0.875	U	U		1	WG842953
Vinyl acetate	108-05-4	86.10	0.0639	0.200	0.704	U	U		1	WG842953
m&p-Xylene	1330-20-7	106	0.0946	0.400	1.73	1.48	6.44		1	WG842953
o-Xylene	95-47-6	106	0.0633	0.200	0.867	0.511	2.22		1	WG842953
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*		*60.0-140*		*109*				WG842953

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL1 ppbv	RDL1 ppb	RDL2 ug/m3	Result ppb	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	0.0569	1.25	2.97	48.2	114		1	WG842953
Allyl chloride	107-05-1	76.53	0.0546	0.200	0.626	U	U		1	WG842953
Benzene	71-43-2	78.10	0.0460	0.200	0.639	1.20	3.82		1	WG842953
Benzyl Chloride	100-44-7	127	0.0598	0.200	1.04	U	U		1	WG842953
Bromodichloromethane	75-27-4	164	0.0436	0.200	1.34	U	U		1	WG842953
Bromoform	75-25-2	253	0.0786	0.600	6.21	U	U		1	WG842953
Bromomethane	74-83-9	94.90	0.0609	0.200	0.776	U	U		1	WG842953
1,3-Butadiene	106-99-0	54.10	0.0563	2.00	4.43	1.46	3.24	J	1	WG842953
Carbon disulfide	75-15-0	76.10	0.0544	0.200	0.622	0.0619	0.193	J	1	WG842953
Carbon tetrachloride	56-23-5	154	0.0585	0.200	1.26	0.0778	0.490	J	1	WG842953
Chlorobenzene	108-90-7	113	0.0601	0.200	0.924	U	U		1	WG842953
Chloroethane	75-00-3	64.50	0.0489	0.200	0.528	U	U		1	WG842953
Chloroform	67-66-3	119	0.0574	0.200	0.973	U	U		1	WG842953
Chloromethane	74-87-3	50.50	0.0544	0.200	0.413	0.742	1.53		1	WG842953
2-Chlorotoluene	95-49-8	126	0.0605	0.200	1.03	U	U		1	WG842953
Cyclohexane	110-82-7	84.20	0.0534	0.200	0.689	0.544	1.87		1	WG842953
Dibromochloromethane	124-48-1	208	0.0494	0.200	1.70	U	U		1	WG842953
1,2-Dibromoethane	106-93-4	188	0.0185	0.200	1.54	U	U		1	WG842953
1,2-Dichlorobenzene	95-50-1	147	0.0603	0.200	1.20	U	U		1	WG842953
1,3-Dichlorobenzene	541-73-1	147	0.0597	0.200	1.20	U	U		1	WG842953
1,4-Dichlorobenzene	106-46-7	147	0.0557	0.200	1.20	U	U		1	WG842953
1,2-Dichloroethane	107-06-2	99	0.0616	0.200	0.810	U	U		1	WG842953
1,1-Dichloroethane	75-34-3	98	0.0514	0.200	0.802	U	U		1	WG842953
1,1-Dichloroethene	75-35-4	96.90	0.0490	0.200	0.793	U	U		1	WG842953
cis-1,2-Dichloroethene	156-59-2	96.90	0.0389	0.200	0.793	U	U		1	WG842953
trans-1,2-Dichloroethene	156-60-5	96.90	0.0464	0.200	0.793	U	U		1	WG842953
1,2-Dichloropropane	78-87-5	113	0.0599	0.200	0.924	U	U		1	WG842953
cis-1,3-Dichloropropene	10061-01-5	111	0.0588	0.200	0.908	U	U		1	WG842953
trans-1,3-Dichloropropene	10061-02-6	111	0.0435	0.200	0.908	U	U		1	WG842953
1,4-Dioxane	123-91-1	88.10	0.0554	0.200	0.721	U	U		1	WG842953
Ethanol	64-17-5	46.10	1.66	12.6	23.8	59.4	112		20	WG843168
Ethylbenzene	100-41-4	106	0.0506	0.200	0.867	0.242	1.05		1	WG842953
4-Ethyltoluene	622-96-8	120	0.0666	0.200	0.982	0.113	0.554	J	1	WG842953
Trichlorofluoromethane	75-69-4	137.40	0.0673	0.200	1.12	0.259	1.46		1	WG842953
Dichlorodifluoromethane	75-71-8	120.92	0.0601	0.200	0.989	0.347	1.72		1	WG842953
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.0687	0.200	1.53	0.0799	0.612	J	1	WG842953
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.0458	0.200	1.40	U	U		1	WG842953
Heptane	142-82-5	100	0.0626	0.200	0.818	0.307	1.26		1	WG842953
Hexachloro-1,3-butadiene	87-68-3	261	0.0656	0.630	6.73	U	U		1	WG842953
n-Hexane	110-54-3	86.20	0.0457	0.200	0.705	1.05	3.72		1	WG842953
Isopropylbenzene	98-82-8	120.20	0.0563	0.200	0.983	U	U		1	WG842953
Methylene Chloride	75-09-2	84.90	0.0465	0.200	0.694	U	U		1	WG842953
Methyl Butyl Ketone	591-78-6	100	0.0682	1.25	5.11	U	U		1	WG842953
2-Butanone (MEK)	78-93-3	72.10	0.0493	1.25	3.69	0.619	1.83	J	1	WG842953
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.0650	1.25	5.12	0.188	0.772	J	1	WG842953
Methyl methacrylate	80-62-6	100.12	0.0773	0.200	0.819	U	U		1	WG842953
MTBE	1634-04-4	88.10	0.0505	0.200	0.721	U	U		1	WG842953
Naphthalene	91-20-3	128	0.154	0.630	3.30	0.157	0.823	J	1	WG842953
2-Propanol	67-63-0	60.10	0.0882	1.25	3.07	39.2	96.4		1	WG842953
Propene	115-07-1	42.10	0.0932	0.400	0.689	U	U		1	WG842953
Styrene	100-42-5	104	0.0465	0.200	0.851	0.112	0.475	J	1	WG842953
1,1,2,2-Tetrachloroethane	79-34-5	168	0.0576	0.200	1.37	U	U		1	WG842953
Tetrachloroethylene	127-18-4	166	0.0497	0.200	1.36	2.79	18.9		1	WG842953
Tetrahydrofuran	109-99-9	72.10	0.0508	0.200	0.590	U	U		1	WG842953
Toluene	108-88-3	92.10	0.0499	0.200	0.753	0.866	3.26		1	WG842953
1,2,4-Trichlorobenzene	120-82-1	181	0.148	0.630	4.66	U	U		1	WG842953

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL1 ppbv	RDL1 ppb	RDL2 ug/m3	Result ppb	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.0665	0.200	1.09	U	U		1	WG842953
1,1,2-Trichloroethane	79-00-5	133	0.0287	0.200	1.09	U	U		1	WG842953
Trichloroethylene	79-01-6	131	0.0545	0.200	1.07	U	U		1	WG842953
1,2,4-Trimethylbenzene	95-63-6	120	0.0483	0.200	0.982	0.384	1.89		1	WG842953
1,3,5-Trimethylbenzene	108-67-8	120	0.0631	0.200	0.982	0.119	0.583	J	1	WG842953
2,2,4-Trimethylpentane	540-84-1	114.22	0.0456	0.200	0.934	0.390	1.82		1	WG842953
Vinyl chloride	75-01-4	62.50	0.0457	0.200	0.511	U	U		1	WG842953
Vinyl Bromide	593-60-2	106.95	0.0727	0.200	0.875	U	U		1	WG842953
Vinyl acetate	108-05-4	86.10	0.0639	0.200	0.704	U	U		1	WG842953
m&p-Xylene	1330-20-7	106	0.0946	0.400	1.73	0.712	3.09		1	WG842953
o-Xylene	95-47-6	106	0.0633	0.200	0.867	0.294	1.28		1	WG842953
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*		*60.0-140*		*112*				WG842953

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL1 ppbv	RDL1 ppb	RDL2 ug/m3	Result ppb	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	0.0569	1.25	2.97	9.69	23.0		1	WG842953
Allyl chloride	107-05-1	76.53	0.0546	0.200	0.626	U	U		1	WG842953
Benzene	71-43-2	78.10	0.0460	0.200	0.639	0.960	3.07		1	WG842953
Benzyl Chloride	100-44-7	127	0.0598	0.200	1.04	U	U		1	WG842953
Bromodichloromethane	75-27-4	164	0.0436	0.200	1.34	U	U		1	WG842953
Bromoform	75-25-2	253	0.0786	0.600	6.21	U	U		1	WG842953
Bromomethane	74-83-9	94.90	0.0609	0.200	0.776	U	U		1	WG842953
1,3-Butadiene	106-99-0	54.10	0.0563	2.00	4.43	U	U		1	WG842953
Carbon disulfide	75-15-0	76.10	0.0544	0.200	0.622	0.132	0.411	J	1	WG842953
Carbon tetrachloride	56-23-5	154	0.0585	0.200	1.26	0.0760	0.479	J	1	WG842953
Chlorobenzene	108-90-7	113	0.0601	0.200	0.924	U	U		1	WG842953
Chloroethane	75-00-3	64.50	0.0489	0.200	0.528	U	U		1	WG842953
Chloroform	67-66-3	119	0.0574	0.200	0.973	0.363	1.77		1	WG842953
Chloromethane	74-87-3	50.50	0.0544	0.200	0.413	0.415	0.857		1	WG842953
2-Chlorotoluene	95-49-8	126	0.0605	0.200	1.03	U	U		1	WG842953
Cyclohexane	110-82-7	84.20	0.0534	0.200	0.689	0.249	0.858		1	WG842953
Dibromochloromethane	124-48-1	208	0.0494	0.200	1.70	U	U		1	WG842953
1,2-Dibromoethane	106-93-4	188	0.0185	0.200	1.54	U	U		1	WG842953
1,2-Dichlorobenzene	95-50-1	147	0.0603	0.200	1.20	U	U		1	WG842953
1,3-Dichlorobenzene	541-73-1	147	0.0597	0.200	1.20	U	U		1	WG842953
1,4-Dichlorobenzene	106-46-7	147	0.0557	0.200	1.20	U	U		1	WG842953
1,2-Dichloroethane	107-06-2	99	0.0616	0.200	0.810	U	U		1	WG842953
1,1-Dichloroethane	75-34-3	98	0.0514	0.200	0.802	U	U		1	WG842953
1,1-Dichloroethene	75-35-4	96.90	0.0490	0.200	0.793	U	U		1	WG842953
cis-1,2-Dichloroethene	156-59-2	96.90	0.0389	0.200	0.793	U	U		1	WG842953
trans-1,2-Dichloroethene	156-60-5	96.90	0.0464	0.200	0.793	U	U		1	WG842953
1,2-Dichloropropane	78-87-5	113	0.0599	0.200	0.924	U	U		1	WG842953
cis-1,3-Dichloropropene	10061-01-5	111	0.0588	0.200	0.908	U	U		1	WG842953
trans-1,3-Dichloropropene	10061-02-6	111	0.0435	0.200	0.908	U	U		1	WG842953
1,4-Dioxane	123-91-1	88.10	0.0554	0.200	0.721	U	U		1	WG842953
Ethanol	64-17-5	46.10	0.0832	0.630	1.19	13.2	24.9		1	WG842953
Ethylbenzene	100-41-4	106	0.0506	0.200	0.867	0.201	0.872		1	WG842953
4-Ethyltoluene	622-96-8	120	0.0666	0.200	0.982	U	U		1	WG842953
Trichlorofluoromethane	75-69-4	137.40	0.0673	0.200	1.12	0.327	1.84		1	WG842953
Dichlorodifluoromethane	75-71-8	120.92	0.0601	0.200	0.989	0.443	2.19		1	WG842953
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.0687	0.200	1.53	0.0886	0.679	J	1	WG842953
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.0458	0.200	1.40	U	U		1	WG842953
Heptane	142-82-5	100	0.0626	0.200	0.818	0.297	1.21		1	WG842953
Hexachloro-1,3-butadiene	87-68-3	261	0.0656	0.630	6.73	U	U		1	WG842953
n-Hexane	110-54-3	86.20	0.0457	0.200	0.705	0.423	1.49		1	WG842953
Isopropylbenzene	98-82-8	120.20	0.0563	0.200	0.983	U	U		1	WG842953
Methylene Chloride	75-09-2	84.90	0.0465	0.200	0.694	U	U		1	WG842953
Methyl Butyl Ketone	591-78-6	100	0.0682	1.25	5.11	U	U		1	WG842953
2-Butanone (MEK)	78-93-3	72.10	0.0493	1.25	3.69	0.917	2.70	J	1	WG842953
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.0650	1.25	5.12	0.621	2.54	J	1	WG842953
Methyl methacrylate	80-62-6	100.12	0.0773	0.200	0.819	U	U		1	WG842953
MTBE	1634-04-4	88.10	0.0505	0.200	0.721	U	U		1	WG842953
Naphthalene	91-20-3	128	0.154	0.630	3.30	U	U		1	WG842953
2-Propanol	67-63-0	60.10	0.0882	1.25	3.07	0.542	1.33	J	1	WG842953
Propene	115-07-1	42.10	0.0932	0.400	0.689	U	U		1	WG842953
Styrene	100-42-5	104	0.0465	0.200	0.851	0.0857	0.364	J	1	WG842953
1,1,2,2-Tetrachloroethane	79-34-5	168	0.0576	0.200	1.37	U	U		1	WG842953
Tetrachloroethylene	127-18-4	166	0.994	4.00	27.2	348	2360		20	WG843168
Tetrahydrofuran	109-99-9	72.10	0.0508	0.200	0.590	U	U		1	WG842953
Toluene	108-88-3	92.10	0.0499	0.200	0.753	1.24	4.65		1	WG842953
1,2,4-Trichlorobenzene	120-82-1	181	0.148	0.630	4.66	U	U		1	WG842953

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL1 ppbv	RDL1 ppb	RDL2 ug/m3	Result ppb	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.0665	0.200	1.09	0.289	1.57		1	WG842953
1,1,2-Trichloroethane	79-00-5	133	0.0287	0.200	1.09	U	U		1	WG842953
Trichloroethylene	79-01-6	131	0.0545	0.200	1.07	0.135	0.725	J	1	WG842953
1,2,4-Trimethylbenzene	95-63-6	120	0.0483	0.200	0.982	0.167	0.820	J	1	WG842953
1,3,5-Trimethylbenzene	108-67-8	120	0.0631	0.200	0.982	U	U		1	WG842953
2,2,4-Trimethylpentane	540-84-1	114.22	0.0456	0.200	0.934	0.126	0.590	J	1	WG842953
Vinyl chloride	75-01-4	62.50	0.0457	0.200	0.511	U	U		1	WG842953
Vinyl Bromide	593-60-2	106.95	0.0727	0.200	0.875	U	U		1	WG842953
Vinyl acetate	108-05-4	86.10	0.0639	0.200	0.704	U	U		1	WG842953
m&p-Xylene	1330-20-7	106	0.0946	0.400	1.73	0.637	2.76		1	WG842953
o-Xylene	95-47-6	106	0.0633	0.200	0.867	0.221	0.957		1	WG842953
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*		*60.0-140*		*104*				WG842953

Method Blank (MB)

(MB) 01/17/16 08:12

Analyte	MB Result ppb	MB Qualifier	MB MDL ppb	MB RDL ppb
Acetone	U		0.0569	1.25
Allyl Chloride	U		0.0546	0.200
Benzene	U		0.0460	0.200
Benzyl Chloride	U		0.0598	0.200
Bromodichloromethane	U		0.0436	0.200
Bromoform	U		0.0786	0.600
Bromomethane	U		0.0609	0.200
1,3-Butadiene	U		0.0563	2.00
Carbon disulfide	U		0.0544	0.200
Carbon tetrachloride	U		0.0585	0.200
Chlorobenzene	U		0.0601	0.200
Chloroethane	U		0.0489	0.200
Chloroform	U		0.0574	0.200
Chloromethane	U		0.0544	0.200
2-Chlorotoluene	U		0.0605	0.200
Cyclohexane	U		0.0534	0.200
Dibromochloromethane	U		0.0494	0.200
1,2-Dibromoethane	U		0.0185	0.200
1,2-Dichlorobenzene	U		0.0603	0.200
1,3-Dichlorobenzene	U		0.0597	0.200
1,4-Dichlorobenzene	U		0.0557	0.200
1,2-Dichloroethane	U		0.0616	0.200
1,1-Dichloroethane	U		0.0514	0.200
1,1-Dichloroethene	U		0.0490	0.200
cis-1,2-Dichloroethene	U		0.0389	0.200
trans-1,2-Dichloroethene	U		0.0464	0.200
1,2-Dichloropropane	U		0.0599	0.200
cis-1,3-Dichloropropene	U		0.0588	0.200
trans-1,3-Dichloropropene	U		0.0435	0.200
1,4-Dioxane	U		0.0554	0.200
Ethylbenzene	U		0.0506	0.200
4-Ethyltoluene	U		0.0666	0.200
Trichlorofluoromethane	U		0.0673	0.200
Dichlorodifluoromethane	U		0.0601	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0687	0.200
1,2-Dichlorotetrafluoroethane	U		0.0458	0.200

Method Blank (MB)

(MB) 01/17/16 08:12

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ppb		ppb	ppb
Heptane	U		0.0626	0.200
Hexachloro-1,3-butadiene	U		0.0656	0.630
n-Hexane	U		0.0457	0.200
Isopropylbenzene	U		0.0563	0.200
Methylene Chloride	U		0.0465	0.200
Methyl Butyl Ketone	U		0.0682	1.25
2-Butanone (MEK)	U		0.0493	1.25
4-Methyl-2-pentanone (MIBK)	U		0.0650	1.25
Methyl Methacrylate	U		0.0773	0.200
MTBE	U		0.0505	0.200
Naphthalene	U		0.154	0.630
2-Propanol	0.109		0.0882	1.25
Propene	U		0.0932	0.400
Styrene	U		0.0465	0.200
1,1,2,2-Tetrachloroethane	U		0.0576	0.200
Tetrachloroethylene	U		0.0497	0.200
Tetrahydrofuran	U		0.0508	0.200
Toluene	U		0.0499	0.200
1,2,4-Trichlorobenzene	U		0.148	0.630
1,1,1-Trichloroethane	U		0.0665	0.200
1,1,2-Trichloroethane	U		0.0287	0.200
Trichloroethylene	U		0.0545	0.200
1,2,4-Trimethylbenzene	U		0.0483	0.200
1,3,5-Trimethylbenzene	U		0.0631	0.200
2,2,4-Trimethylpentane	U		0.0456	0.200
Vinyl chloride	U		0.0457	0.200
Vinyl Bromide	U		0.0727	0.200
Vinyl acetate	U		0.0639	0.200
m&p-Xylene	U		0.0946	0.400
o-Xylene	U		0.0633	0.200
Ethanol	U		0.0832	0.630
(S) 1,4-Bromofluorobenzene	*97.0*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 01/17/16 05:37 • (LCSD) 01/17/16 06:28

Analyte	Spike Amount ppb	LCS Result ppb	LCSD Result ppb	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	4.15	4.03	111	107	34.3-167			2.99	25
Propene	3.75	4.63	4.34	123	116	53.9-143			6.37	25
Dichlorodifluoromethane	3.75	4.68	4.52	125	121	56.7-140			3.49	25
1,2-Dichlorotetrafluoroethane	3.75	4.51	4.36	120	116	70.0-130			3.20	25
Chloromethane	3.75	4.48	4.29	119	114	70.0-130			4.22	25
Vinyl chloride	3.75	4.63	4.40	123	117	70.0-130			4.98	25
1,3-Butadiene	3.75	4.50	4.25	120	113	70.0-130			5.60	25
Bromomethane	3.75	4.53	4.22	121	112	70.0-130			7.18	25
Chloroethane	3.75	4.56	4.36	122	116	70.0-130			4.53	25
Trichlorofluoromethane	3.75	4.46	4.23	119	113	70.0-130			5.31	25
1,1,2-Trichlorotrifluoroethane	3.75	4.49	4.33	120	116	70.0-130			3.46	25
1,1-Dichloroethene	3.75	4.54	4.35	121	116	70.0-130			4.24	25
1,1-Dichloroethane	3.75	4.50	4.45	120	119	70.0-130			1.10	25
Acetone	3.75	4.22	4.02	113	107	70.0-130			4.95	25
2-Propanol	3.75	4.54	4.48	121	119	50.4-152			1.49	25
Carbon disulfide	3.75	4.39	4.29	117	114	70.0-130			2.31	25
Methylene Chloride	3.75	4.26	4.16	114	111	70.0-130			2.29	25
MTBE	3.75	4.38	4.25	117	113	70.0-130			2.98	25
trans-1,2-Dichloroethene	3.75	4.40	4.28	117	114	70.0-130			2.66	25
n-Hexane	3.75	4.54	4.51	121	120	70.0-130			0.860	25
Vinyl acetate	3.75	4.67	4.49	124	120	70.0-130			3.84	25
Methyl Ethyl Ketone	3.75	4.48	4.27	120	114	70.0-130			4.79	25
cis-1,2-Dichloroethene	3.75	4.48	4.37	119	117	70.0-130			2.42	25
Chloroform	3.75	4.39	4.39	117	117	70.0-130			0.150	25
Cyclohexane	3.75	4.53	4.44	121	119	70.0-130			1.81	25
1,1,1-Trichloroethane	3.75	4.46	4.43	119	118	70.0-130			0.710	25
Carbon tetrachloride	3.75	4.39	4.34	117	116	70.0-130			1.21	25
Benzene	3.75	4.54	4.53	121	121	70.0-130			0.180	25
1,2-Dichloroethane	3.75	4.46	4.43	119	118	70.0-130			0.670	25
Heptane	3.75	4.70	4.65	125	124	70.0-130			0.990	25
Trichloroethylene	3.75	4.45	4.45	119	119	70.0-130			0.140	25
1,2-Dichloropropane	3.75	4.59	4.59	123	122	70.0-130			0.180	25
1,4-Dioxane	3.75	4.75	4.57	127	122	48.0-156			3.84	25
Bromodichloromethane	3.75	4.51	4.53	120	121	70.0-130			0.450	25
cis-1,3-Dichloropropene	3.75	4.58	4.56	122	122	70.0-130			0.490	25
4-Methyl-2-pentanone (MIBK)	3.75	4.72	4.81	126	128	55.3-154			1.92	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 01/17/16 05:37 • (LCSD) 01/17/16 06:28

Analyte	Spike Amount ppb	LCS Result ppb	LCSD Result ppb	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Toluene	3.75	4.65	4.57	124	122	70.0-130			1.83	25
trans-1,3-Dichloropropene	3.75	4.65	4.56	124	122	70.0-130			1.87	25
1,1,2-Trichloroethane	3.75	4.48	4.46	119	119	70.0-130			0.510	25
Tetrachloroethylene	3.75	4.57	4.45	122	119	70.0-130			2.71	25
Methyl Butyl Ketone	3.75	5.14	5.14	137	137	47.9-165			0.100	25
Dibromochloromethane	3.75	4.58	4.55	122	121	70.0-130			0.500	25
1,2-Dibromoethane	3.75	4.55	4.52	121	120	70.0-130			0.660	25
Chlorobenzene	3.75	4.46	4.42	119	118	70.0-130			0.960	25
Ethylbenzene	3.75	4.43	4.43	118	118	70.0-130			0.120	25
m&p-Xylene	7.50	8.68	8.75	116	117	70.0-130			0.750	25
o-Xylene	3.75	4.46	4.55	119	121	70.0-130			2.02	25
Styrene	3.75	4.59	4.63	122	123	70.0-130			0.890	25
Bromoform	3.75	4.56	4.63	122	123	70.0-130			1.43	25
1,1,2,2-Tetrachloroethane	3.75	4.32	4.36	115	116	70.0-130			0.970	25
4-Ethyltoluene	3.75	4.47	4.51	119	120	70.0-130			0.830	25
1,3,5-Trimethylbenzene	3.75	4.29	4.32	114	115	70.0-130			0.600	25
1,2,4-Trimethylbenzene	3.75	4.44	4.50	118	120	70.0-130			1.20	25
1,3-Dichlorobenzene	3.75	4.49	4.43	120	118	70.0-130			1.38	25
1,4-Dichlorobenzene	3.75	4.60	4.53	123	121	70.0-130			1.57	25
Benzyl Chloride	3.75	3.88	3.77	104	100	55.6-160			3.00	25
1,2-Dichlorobenzene	3.75	4.36	4.34	116	116	70.0-130			0.630	25
1,2,4-Trichlorobenzene	3.75	4.93	5.06	132	135	53.6-154			2.54	25
Hexachloro-1,3-butadiene	3.75	4.36	4.33	116	115	62.1-143			0.830	25
Naphthalene	3.75	4.90	4.92	131	131	52.0-158			0.400	25
Allyl Chloride	3.75	4.55	4.45	121	119	70.0-130			2.27	25
2-Chlorotoluene	3.75	4.42	4.45	118	119	70.0-130			0.770	25
Methyl Methacrylate	3.75	4.84	4.75	129	127	70.0-130			1.75	25
Tetrahydrofuran	3.75	4.62	4.52	123	121	65.0-140			2.11	25
2,2,4-Trimethylpentane	3.75	4.64	4.54	124	121	70.0-130			2.17	25
Vinyl Bromide	3.75	4.49	4.31	120	115	70.0-130			4.06	25
Isopropylbenzene	3.75	4.37	4.42	117	118	70.0-130			1.11	25
(S) 1,4-Bromofluorobenzene				*102*	*102*	*60.0-140*				

Method Blank (MB)

(MB) 01/18/16 10:00

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ppb		ppb	ppb
Dichlorodifluoromethane	U		0.0601	0.200
Tetrachloroethylene	U		0.0497	0.200
Ethanol	U		0.0832	0.630

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 01/18/16 08:39 • (LCSD) 01/18/16 09:19

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ppb	ppb	ppb	%	%	%			%	%
Ethanol	3.75	4.16	4.13	111	110	34.3-167			0.770	25
Dichlorodifluoromethane	3.75	3.29	3.36	87.7	89.5	56.7-140			1.99	25
Tetrachloroethylene	3.75	4.31	4.39	115	117	70.0-130			1.86	25

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND,U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.
SDL	Sample Detection Limit.
MQL	Method Quantitation Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
***** Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [1 4]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

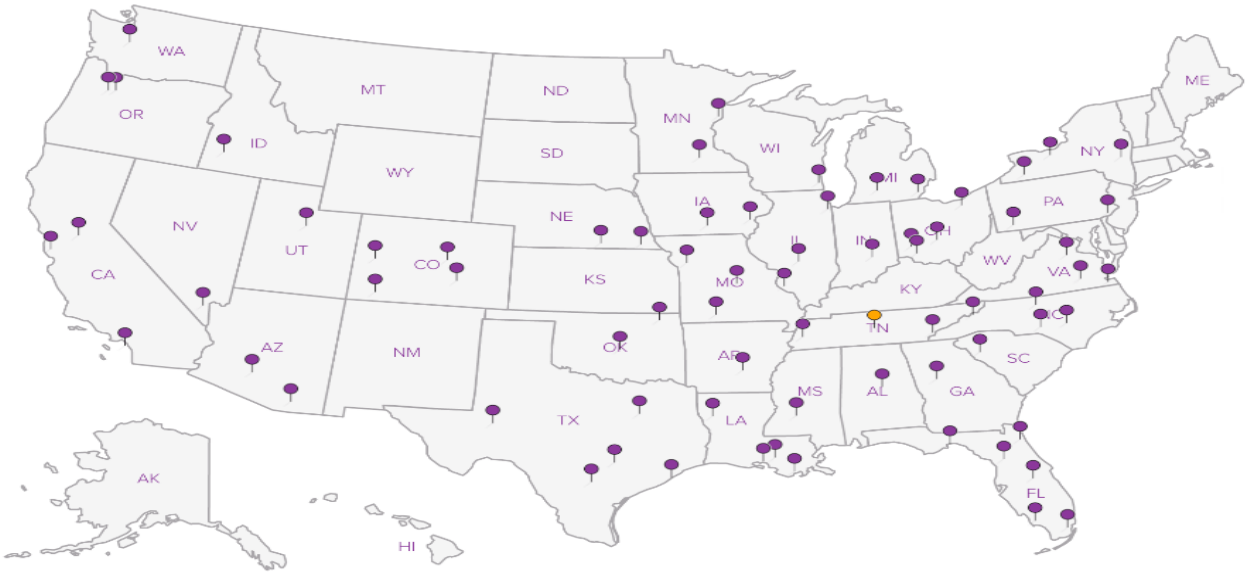
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1.] Drinking Water [2.] Underground Storage Tanks [3.] Aquatic Toxicity [4.] Chemical/Microbiological [5.] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Lender Consulting Services - NY

40 La Riviere Dr., Ste. 120
Buffalo, NY 14202

Billing Information:

Accounts Payable
40 La Riviere Dr., Ste. 120
Buffalo, NY 14202

Report to: Douglas Reid

Email To:

Project Description:

City/State Collected: Maybrook, NY

Phone: 716-845-6145
Fax: 716-845-6164

Client Project # 15N6714.22

Lab Project #

Collected by (print): Manny Nizerio

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N X Y ___

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No ___Yes
FAX? ___No ___Yes

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOCs TO-15	Rem./Contaminant	Sample # (lab only)
Indoor	Grab	Air	5'	1-14-16	1702	1	X		01
Outdoor			5'		1700	1	X		02
SS-1			—		1707	1	X		03
SS-2			—		1720	1	X		04
SS-3	↓	↓	—	↓	1730	1	X		05

* Matrix: **SS** - Soil **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

Remarks:

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

ESC LABORATORY SCIENCES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # 812440

Tab F035

Acctnum: LCSBNY

Template:

Prelogin:

TSR: 364 - T. Alan Harvill

PB: 1-11-16

Shipped Via:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	1-15-16	1400	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Forest Yaeger

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____

Temp: °C Bottles Received: 5

AnB

Date: 1/16/16 Time: 0900

Hold #

Condition: (lab use only)
STXS

COC Seal Intact: ___ Y ___ N ___ NA

pH Checked: NCF:

ANALYTICAL REPORT

February 04, 2016

Lender Consulting Services - NY

Sample Delivery Group:	L815198
Samples Received:	01/16/2016
Project Number:	15N6714.22
Description:	

Report To:

Mr. Doug Reid
40 La Riviere Dr., Ste. 120
Buffalo, NY 14202

Entire Report Reviewed By:

T. Alan Harvill
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

BH-8 4-6FT L815198-01 Solid

Collected by: Manny Mazario
Collected date/time: 01/14/16 14:50
Received date/time: 01/16/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG843335	1	01/19/16 10:00	01/19/16 10:18	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG846672	1	02/03/16 13:57	02/03/16 20:32	DWR

BH-9 4-6FT L815198-02 Solid

Collected by: Manny Mazario
Collected date/time: 01/14/16 14:18
Received date/time: 01/16/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG843335	1	01/19/16 10:00	01/19/16 10:18	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG846672	1	02/03/16 13:57	02/03/16 20:53	DWR

BH-10 4-6FT L815198-03 Solid

Collected by: Manny Mazario
Collected date/time: 01/14/16 14:26
Received date/time: 01/16/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG843358	1	01/19/16 13:01	01/19/16 13:18	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG846672	1	02/03/16 13:57	02/03/16 21:15	DWR
Volatile Organic Compounds (GC/MS) by Method 8260C	WG846911	265	02/04/16 11:11	02/04/16 14:25	BMB

BH-10 9.5-11.5FT L815198-04 Solid

Collected by: Manny Mazario
Collected date/time: 01/14/16 16:16
Received date/time: 01/16/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG843525	1	01/20/16 09:32	01/20/16 09:52	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG846672	1	02/03/16 13:57	02/03/16 21:36	DWR
Volatile Organic Compounds (GC/MS) by Method 8260C	WG846911	315	02/04/16 11:11	02/04/16 14:45	BMB

BH-11 6-8FT L815198-05 Solid

Collected by: Manny Mazario
Collected date/time: 01/14/16 16:30
Received date/time: 01/16/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG843525	1	01/20/16 09:32	01/20/16 09:52	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG846672	1	02/03/16 13:57	02/03/16 21:58	DWR

BH-12 1-3FT L815198-06 Solid

Collected by: Manny Mazario
Collected date/time: 01/14/16 16:41
Received date/time: 01/16/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG843525	1	01/20/16 09:32	01/20/16 09:52	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG846672	1	02/03/16 13:57	02/03/16 22:20	DWR

BH-13 6-8FT L815198-07 Solid

Collected by: Manny Mazario
Collected date/time: 01/14/16 16:55
Received date/time: 01/16/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG843525	1	01/20/16 09:32	01/20/16 09:52	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG846911	14.25	02/04/16 11:11	02/04/16 13:08	BMB

All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

T. Alan Harvill
Technical Service Representative

Sample Handling and Receiving

The following samples were prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.

ESC Sample ID	Project Sample ID	Method
L815198-01	BH-8 4-6FT	8260C
L815198-02	BH-9 4-6FT	8260C
L815198-03	BH-10 4-6FT	8260C
L815198-04	BH-10 9.5-11.5FT	8260C
L815198-05	BH-11 6-8FT	8260C
L815198-06	BH-12 1-3FT	8260C
L815198-07	BH-13 6-8FT	8260C

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.8		1	01/19/2016 10:18	WG843335

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry)	Qualifier	MDL	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	28.7	J	10.0	54.5	1	02/03/2016 20:32	WG846672
Benzene	U		0.270	1.09	1	02/03/2016 20:32	WG846672
Bromochloromethane	U		0.390	1.09	1	02/03/2016 20:32	WG846672
Bromodichloromethane	U		0.254	1.09	1	02/03/2016 20:32	WG846672
Bromoform	U		0.424	1.09	1	02/03/2016 20:32	WG846672
Bromomethane	U		1.34	5.45	1	02/03/2016 20:32	WG846672
Carbon disulfide	U		0.221	1.09	1	02/03/2016 20:32	WG846672
Carbon tetrachloride	U		0.328	1.09	1	02/03/2016 20:32	WG846672
Chlorobenzene	U		0.212	1.09	1	02/03/2016 20:32	WG846672
Chlorodibromomethane	U		0.373	1.09	1	02/03/2016 20:32	WG846672
Chloroethane	U		0.946	5.45	1	02/03/2016 20:32	WG846672
Chloroform	U		0.229	5.45	1	02/03/2016 20:32	WG846672
Chloromethane	U		0.375	2.72	1	02/03/2016 20:32	WG846672
Cyclohexane	U		0.350	1.09	1	02/03/2016 20:32	WG846672
1,2-Dibromo-3-Chloropropane	U		1.05	5.45	1	02/03/2016 20:32	WG846672
1,2-Dibromoethane	U		0.343	1.09	1	02/03/2016 20:32	WG846672
Dichlorodifluoromethane	U	J4	0.713	5.45	1	02/03/2016 20:32	WG846672
1,1-Dichloroethane	U		0.199	1.09	1	02/03/2016 20:32	WG846672
1,2-Dichloroethane	U		0.265	1.09	1	02/03/2016 20:32	WG846672
1,2-Dichlorobenzene	U		0.305	1.09	1	02/03/2016 20:32	WG846672
1,3-Dichlorobenzene	U		0.239	1.09	1	02/03/2016 20:32	WG846672
1,4-Dichlorobenzene	U		0.226	1.09	1	02/03/2016 20:32	WG846672
1,1-Dichloroethene	U		0.303	1.09	1	02/03/2016 20:32	WG846672
cis-1,2-Dichloroethene	0.358	J	0.235	1.09	1	02/03/2016 20:32	WG846672
trans-1,2-Dichloroethene	U		0.264	1.09	1	02/03/2016 20:32	WG846672
1,2-Dichloropropane	U		0.358	1.09	1	02/03/2016 20:32	WG846672
cis-1,3-Dichloropropene	U		0.262	1.09	1	02/03/2016 20:32	WG846672
trans-1,3-Dichloropropene	U		0.267	1.09	1	02/03/2016 20:32	WG846672
Ethylbenzene	U		0.297	1.09	1	02/03/2016 20:32	WG846672
2-Hexanone	U		1.37	10.9	1	02/03/2016 20:32	WG846672
Isopropylbenzene	U		0.243	10.9	1	02/03/2016 20:32	WG846672
2-Butanone (MEK)	U		4.68	10.9	1	02/03/2016 20:32	WG846672
Methyl Acetate	U		6.10	21.8	1	02/03/2016 20:32	WG846672
Methyl Cyclohexane	U		0.380	1.09	1	02/03/2016 20:32	WG846672
Methylene Chloride	U		1.00	5.45	1	02/03/2016 20:32	WG846672
4-Methyl-2-pentanone (MIBK)	U		1.88	10.9	1	02/03/2016 20:32	WG846672
Methyl tert-butyl ether	U		0.212	1.09	1	02/03/2016 20:32	WG846672
Naphthalene	U		1.00	5.45	1	02/03/2016 20:32	WG846672
Styrene	U		0.234	1.09	1	02/03/2016 20:32	WG846672
1,1,2,2-Tetrachloroethane	U		0.365	1.09	1	02/03/2016 20:32	WG846672
Tetrachloroethene	123		0.276	1.09	1	02/03/2016 20:32	WG846672
Toluene	U		0.434	5.45	1	02/03/2016 20:32	WG846672
1,2,3-Trichlorobenzene	U		0.306	1.09	1	02/03/2016 20:32	WG846672
1,2,4-Trichlorobenzene	U		0.388	1.09	1	02/03/2016 20:32	WG846672
1,1,1-Trichloroethane	U		0.286	1.09	1	02/03/2016 20:32	WG846672
1,1,2-Trichloroethane	U		0.277	1.09	1	02/03/2016 20:32	WG846672
Trichloroethene	1.29		0.279	1.09	1	02/03/2016 20:32	WG846672
Trichlorofluoromethane	U		0.382	5.45	1	02/03/2016 20:32	WG846672
1,1,2-Trichlorotrifluoroethane	U		0.365	1.09	1	02/03/2016 20:32	WG846672
Vinyl chloride	U		0.291	1.09	1	02/03/2016 20:32	WG846672

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry) ug/kg	Qualifier	MDL ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Xylenes, Total	U		0.698	3.27	1	02/03/2016 20:32	WG846672
(S) Toluene-d8	*105*			*88.7-115*		*02/03/2016 20:32*	WG846672
(S) Dibromofluoromethane	*109*			*76.3-123*		*02/03/2016 20:32*	WG846672
(S) α,α,α-Trifluorotoluene	*103*			*87.2-117*		*02/03/2016 20:32*	WG846672
(S) 4-Bromofluorobenzene	*95.6*			*69.7-129*		*02/03/2016 20:32*	WG846672

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.7		1	01/19/2016 10:18	WG843335

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry)	Qualifier	MDL	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		10.0	54.5	1	02/03/2016 20:53	WG846672
Benzene	U		0.270	1.09	1	02/03/2016 20:53	WG846672
Bromochloromethane	U		0.390	1.09	1	02/03/2016 20:53	WG846672
Bromodichloromethane	U		0.254	1.09	1	02/03/2016 20:53	WG846672
Bromoform	U		0.424	1.09	1	02/03/2016 20:53	WG846672
Bromomethane	U		1.34	5.45	1	02/03/2016 20:53	WG846672
Carbon disulfide	U		0.221	1.09	1	02/03/2016 20:53	WG846672
Carbon tetrachloride	U		0.328	1.09	1	02/03/2016 20:53	WG846672
Chlorobenzene	U		0.212	1.09	1	02/03/2016 20:53	WG846672
Chlorodibromomethane	U		0.373	1.09	1	02/03/2016 20:53	WG846672
Chloroethane	U		0.946	5.45	1	02/03/2016 20:53	WG846672
Chloroform	U		0.229	5.45	1	02/03/2016 20:53	WG846672
Chloromethane	U		0.375	2.73	1	02/03/2016 20:53	WG846672
Cyclohexane	U		0.350	1.09	1	02/03/2016 20:53	WG846672
1,2-Dibromo-3-Chloropropane	U		1.05	5.45	1	02/03/2016 20:53	WG846672
1,2-Dibromoethane	U		0.343	1.09	1	02/03/2016 20:53	WG846672
Dichlorodifluoromethane	U	J4	0.713	5.45	1	02/03/2016 20:53	WG846672
1,1-Dichloroethane	U		0.199	1.09	1	02/03/2016 20:53	WG846672
1,2-Dichloroethane	U		0.265	1.09	1	02/03/2016 20:53	WG846672
1,2-Dichlorobenzene	U		0.305	1.09	1	02/03/2016 20:53	WG846672
1,3-Dichlorobenzene	U		0.239	1.09	1	02/03/2016 20:53	WG846672
1,4-Dichlorobenzene	U		0.226	1.09	1	02/03/2016 20:53	WG846672
1,1-Dichloroethene	U		0.303	1.09	1	02/03/2016 20:53	WG846672
cis-1,2-Dichloroethene	0.357	J	0.235	1.09	1	02/03/2016 20:53	WG846672
trans-1,2-Dichloroethene	U		0.264	1.09	1	02/03/2016 20:53	WG846672
1,2-Dichloropropane	U		0.358	1.09	1	02/03/2016 20:53	WG846672
cis-1,3-Dichloropropene	U		0.262	1.09	1	02/03/2016 20:53	WG846672
trans-1,3-Dichloropropene	U		0.267	1.09	1	02/03/2016 20:53	WG846672
Ethylbenzene	U		0.297	1.09	1	02/03/2016 20:53	WG846672
2-Hexanone	U		1.37	10.9	1	02/03/2016 20:53	WG846672
Isopropylbenzene	U		0.243	10.9	1	02/03/2016 20:53	WG846672
2-Butanone (MEK)	U		4.68	10.9	1	02/03/2016 20:53	WG846672
Methyl Acetate	U		6.10	21.8	1	02/03/2016 20:53	WG846672
Methyl Cyclohexane	U		0.380	1.09	1	02/03/2016 20:53	WG846672
Methylene Chloride	U		1.00	5.45	1	02/03/2016 20:53	WG846672
4-Methyl-2-pentanone (MIBK)	U		1.88	10.9	1	02/03/2016 20:53	WG846672
Methyl tert-butyl ether	U		0.212	1.09	1	02/03/2016 20:53	WG846672
Naphthalene	U		1.00	5.45	1	02/03/2016 20:53	WG846672
Styrene	U		0.234	1.09	1	02/03/2016 20:53	WG846672
1,1,2,2-Tetrachloroethane	U		0.365	1.09	1	02/03/2016 20:53	WG846672
Tetrachloroethene	100		0.276	1.09	1	02/03/2016 20:53	WG846672
Toluene	U		0.434	5.45	1	02/03/2016 20:53	WG846672
1,2,3-Trichlorobenzene	U		0.306	1.09	1	02/03/2016 20:53	WG846672
1,2,4-Trichlorobenzene	U		0.388	1.09	1	02/03/2016 20:53	WG846672
1,1,1-Trichloroethane	U		0.286	1.09	1	02/03/2016 20:53	WG846672
1,1,2-Trichloroethane	U		0.277	1.09	1	02/03/2016 20:53	WG846672
Trichloroethene	1.17		0.279	1.09	1	02/03/2016 20:53	WG846672
Trichlorofluoromethane	U		0.382	5.45	1	02/03/2016 20:53	WG846672
1,1,2-Trichlorotrifluoroethane	U		0.365	1.09	1	02/03/2016 20:53	WG846672
Vinyl chloride	U		0.291	1.09	1	02/03/2016 20:53	WG846672

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry) ug/kg	Qualifier	MDL ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Xylenes, Total	U		0.698	3.27	1	02/03/2016 20:53	WG846672
(S) Toluene-d8	*106*			*88.7-115*		*02/03/2016 20:53*	WG846672
(S) Dibromofluoromethane	*109*			*76.3-123*		*02/03/2016 20:53*	WG846672
(S) a,a,a-Trifluorotoluene	*102*			*87.2-117*		*02/03/2016 20:53*	WG846672
(S) 4-Bromofluorobenzene	*96.3*			*69.7-129*		*02/03/2016 20:53*	WG846672

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.9		1	01/19/2016 13:18	WG843358

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry)	Qualifier	MDL	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		10.0	55.6	1	02/03/2016 21:15	WG846672
Benzene	U		0.270	1.11	1	02/03/2016 21:15	WG846672
Bromochloromethane	U		0.390	1.11	1	02/03/2016 21:15	WG846672
Bromodichloromethane	U		0.254	1.11	1	02/03/2016 21:15	WG846672
Bromoform	U		0.424	1.11	1	02/03/2016 21:15	WG846672
Bromomethane	U		1.34	5.56	1	02/03/2016 21:15	WG846672
Carbon disulfide	U		0.221	1.11	1	02/03/2016 21:15	WG846672
Carbon tetrachloride	U		0.328	1.11	1	02/03/2016 21:15	WG846672
Chlorobenzene	U		0.212	1.11	1	02/03/2016 21:15	WG846672
Chlorodibromomethane	U		0.373	1.11	1	02/03/2016 21:15	WG846672
Chloroethane	U		0.946	5.56	1	02/03/2016 21:15	WG846672
Chloroform	U		0.229	5.56	1	02/03/2016 21:15	WG846672
Chloromethane	U		0.375	2.78	1	02/03/2016 21:15	WG846672
Cyclohexane	U		0.350	1.11	1	02/03/2016 21:15	WG846672
1,2-Dibromo-3-Chloropropane	U		1.05	5.56	1	02/03/2016 21:15	WG846672
1,2-Dibromoethane	U		0.343	1.11	1	02/03/2016 21:15	WG846672
Dichlorodifluoromethane	U	J4	0.713	5.56	1	02/03/2016 21:15	WG846672
1,1-Dichloroethane	U		0.199	1.11	1	02/03/2016 21:15	WG846672
1,2-Dichloroethane	U		0.265	1.11	1	02/03/2016 21:15	WG846672
1,2-Dichlorobenzene	U		0.305	1.11	1	02/03/2016 21:15	WG846672
1,3-Dichlorobenzene	U		0.239	1.11	1	02/03/2016 21:15	WG846672
1,4-Dichlorobenzene	U		0.226	1.11	1	02/03/2016 21:15	WG846672
1,1-Dichloroethene	U		0.303	1.11	1	02/03/2016 21:15	WG846672
cis-1,2-Dichloroethene	11.0		0.235	1.11	1	02/03/2016 21:15	WG846672
trans-1,2-Dichloroethene	0.305	J	0.264	1.11	1	02/03/2016 21:15	WG846672
1,2-Dichloropropane	U		0.358	1.11	1	02/03/2016 21:15	WG846672
cis-1,3-Dichloropropene	U		0.262	1.11	1	02/03/2016 21:15	WG846672
trans-1,3-Dichloropropene	U		0.267	1.11	1	02/03/2016 21:15	WG846672
Ethylbenzene	U		0.297	1.11	1	02/03/2016 21:15	WG846672
2-Hexanone	U		1.37	11.1	1	02/03/2016 21:15	WG846672
Isopropylbenzene	U		0.243	11.1	1	02/03/2016 21:15	WG846672
2-Butanone (MEK)	U		4.68	11.1	1	02/03/2016 21:15	WG846672
Methyl Acetate	U		6.10	22.2	1	02/03/2016 21:15	WG846672
Methyl Cyclohexane	U		0.380	1.11	1	02/03/2016 21:15	WG846672
Methylene Chloride	U		1.00	5.56	1	02/03/2016 21:15	WG846672
4-Methyl-2-pentanone (MIBK)	U		1.88	11.1	1	02/03/2016 21:15	WG846672
Methyl tert-butyl ether	U		0.212	1.11	1	02/03/2016 21:15	WG846672
Naphthalene	U		1.00	5.56	1	02/03/2016 21:15	WG846672
Styrene	U		0.234	1.11	1	02/03/2016 21:15	WG846672
1,1,2,2-Tetrachloroethane	U		0.365	1.11	1	02/03/2016 21:15	WG846672
Tetrachloroethene	6270		73.1	295	265	02/04/2016 14:25	WG846911
Toluene	U		0.434	5.56	1	02/03/2016 21:15	WG846672
1,2,3-Trichlorobenzene	U		0.306	1.11	1	02/03/2016 21:15	WG846672
1,2,4-Trichlorobenzene	U		0.388	1.11	1	02/03/2016 21:15	WG846672
1,1,1-Trichloroethane	U		0.286	1.11	1	02/03/2016 21:15	WG846672
1,1,2-Trichloroethane	U		0.277	1.11	1	02/03/2016 21:15	WG846672
Trichloroethene	4.92		0.279	1.11	1	02/03/2016 21:15	WG846672
Trichlorofluoromethane	U		0.382	5.56	1	02/03/2016 21:15	WG846672
1,1,2-Trichlorotrifluoroethane	U		0.365	1.11	1	02/03/2016 21:15	WG846672
Vinyl chloride	U		0.291	1.11	1	02/03/2016 21:15	WG846672

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry)	Qualifier	MDL	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Xylenes, Total	U		0.698	3.34	1	02/03/2016 21:15	WG846672
(S) Toluene-d8	*105*			*88.7-115*		*02/03/2016 21:15*	WG846672
(S) Dibromofluoromethane	*110*			*76.3-123*		*02/03/2016 21:15*	WG846672
(S) a,a,a-Trifluorotoluene	*104*			*87.2-117*		*02/03/2016 21:15*	WG846672
(S) 4-Bromofluorobenzene	*94.9*			*69.7-129*		*02/03/2016 21:15*	WG846672

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.2		1	01/20/2016 09:52	WG843525

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry)	Qualifier	MDL	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	14.5	J	10.0	58.7	1	02/03/2016 21:36	WG846672
Benzene	U		0.270	1.17	1	02/03/2016 21:36	WG846672
Bromochloromethane	U		0.390	1.17	1	02/03/2016 21:36	WG846672
Bromodichloromethane	U		0.254	1.17	1	02/03/2016 21:36	WG846672
Bromoform	U		0.424	1.17	1	02/03/2016 21:36	WG846672
Bromomethane	U		1.34	5.87	1	02/03/2016 21:36	WG846672
Carbon disulfide	U		0.221	1.17	1	02/03/2016 21:36	WG846672
Carbon tetrachloride	U		0.328	1.17	1	02/03/2016 21:36	WG846672
Chlorobenzene	U		0.212	1.17	1	02/03/2016 21:36	WG846672
Chlorodibromomethane	U		0.373	1.17	1	02/03/2016 21:36	WG846672
Chloroethane	U		0.946	5.87	1	02/03/2016 21:36	WG846672
Chloroform	U		0.229	5.87	1	02/03/2016 21:36	WG846672
Chloromethane	U		0.375	2.93	1	02/03/2016 21:36	WG846672
Cyclohexane	U		0.350	1.17	1	02/03/2016 21:36	WG846672
1,2-Dibromo-3-Chloropropane	U		1.05	5.87	1	02/03/2016 21:36	WG846672
1,2-Dibromoethane	U		0.343	1.17	1	02/03/2016 21:36	WG846672
Dichlorodifluoromethane	U	J4	0.713	5.87	1	02/03/2016 21:36	WG846672
1,1-Dichloroethane	U		0.199	1.17	1	02/03/2016 21:36	WG846672
1,2-Dichloroethane	U		0.265	1.17	1	02/03/2016 21:36	WG846672
1,2-Dichlorobenzene	U		0.305	1.17	1	02/03/2016 21:36	WG846672
1,3-Dichlorobenzene	U		0.239	1.17	1	02/03/2016 21:36	WG846672
1,4-Dichlorobenzene	U		0.226	1.17	1	02/03/2016 21:36	WG846672
1,1-Dichloroethene	U		0.303	1.17	1	02/03/2016 21:36	WG846672
cis-1,2-Dichloroethene	10.1		0.235	1.17	1	02/03/2016 21:36	WG846672
trans-1,2-Dichloroethene	U		0.264	1.17	1	02/03/2016 21:36	WG846672
1,2-Dichloropropane	U		0.358	1.17	1	02/03/2016 21:36	WG846672
cis-1,3-Dichloropropene	U		0.262	1.17	1	02/03/2016 21:36	WG846672
trans-1,3-Dichloropropene	U		0.267	1.17	1	02/03/2016 21:36	WG846672
Ethylbenzene	U		0.297	1.17	1	02/03/2016 21:36	WG846672
2-Hexanone	U		1.37	11.7	1	02/03/2016 21:36	WG846672
Isopropylbenzene	U		0.243	11.7	1	02/03/2016 21:36	WG846672
2-Butanone (MEK)	U		4.68	11.7	1	02/03/2016 21:36	WG846672
Methyl Acetate	U		6.10	23.5	1	02/03/2016 21:36	WG846672
Methyl Cyclohexane	U		0.380	1.17	1	02/03/2016 21:36	WG846672
Methylene Chloride	U		1.00	5.87	1	02/03/2016 21:36	WG846672
4-Methyl-2-pentanone (MIBK)	U		1.88	11.7	1	02/03/2016 21:36	WG846672
Methyl tert-butyl ether	U		0.212	1.17	1	02/03/2016 21:36	WG846672
Naphthalene	U		1.00	5.87	1	02/03/2016 21:36	WG846672
Styrene	U		0.234	1.17	1	02/03/2016 21:36	WG846672
1,1,2,2-Tetrachloroethane	U		0.365	1.17	1	02/03/2016 21:36	WG846672
Tetrachloroethene	9420		86.9	370	315	02/04/2016 14:45	WG846911
Toluene	U		0.434	5.87	1	02/03/2016 21:36	WG846672
1,2,3-Trichlorobenzene	U		0.306	1.17	1	02/03/2016 21:36	WG846672
1,2,4-Trichlorobenzene	U		0.388	1.17	1	02/03/2016 21:36	WG846672
1,1,1-Trichloroethane	U		0.286	1.17	1	02/03/2016 21:36	WG846672
1,1,2-Trichloroethane	U		0.277	1.17	1	02/03/2016 21:36	WG846672
Trichloroethene	4.34		0.279	1.17	1	02/03/2016 21:36	WG846672
Trichlorofluoromethane	U		0.382	5.87	1	02/03/2016 21:36	WG846672
1,1,2-Trichlorotrifluoroethane	U		0.365	1.17	1	02/03/2016 21:36	WG846672
Vinyl chloride	U		0.291	1.17	1	02/03/2016 21:36	WG846672

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry) ug/kg	Qualifier	MDL ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Xylenes, Total	U		0.698	3.52	1	02/03/2016 21:36	WG846672
(S) Toluene-d8	*107*			*88.7-115*		*02/03/2016 21:36*	WG846672
(S) Dibromofluoromethane	*110*			*76.3-123*		*02/03/2016 21:36*	WG846672
(S) a,a,a-Trifluorotoluene	*104*			*87.2-117*		*02/03/2016 21:36*	WG846672
(S) 4-Bromofluorobenzene	*92.8*			*69.7-129*		*02/03/2016 21:36*	WG846672

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.1		1	01/20/2016 09:52	WG843525

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry)	Qualifier	MDL	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		10.0	53.1	1	02/03/2016 21:58	WG846672
Benzene	U		0.270	1.06	1	02/03/2016 21:58	WG846672
Bromochloromethane	U		0.390	1.06	1	02/03/2016 21:58	WG846672
Bromodichloromethane	U		0.254	1.06	1	02/03/2016 21:58	WG846672
Bromoform	U		0.424	1.06	1	02/03/2016 21:58	WG846672
Bromomethane	U		1.34	5.31	1	02/03/2016 21:58	WG846672
Carbon disulfide	0.278	B J	0.221	1.06	1	02/03/2016 21:58	WG846672
Carbon tetrachloride	U		0.328	1.06	1	02/03/2016 21:58	WG846672
Chlorobenzene	U		0.212	1.06	1	02/03/2016 21:58	WG846672
Chlorodibromomethane	U		0.373	1.06	1	02/03/2016 21:58	WG846672
Chloroethane	U		0.946	5.31	1	02/03/2016 21:58	WG846672
Chloroform	U		0.229	5.31	1	02/03/2016 21:58	WG846672
Chloromethane	U		0.375	2.66	1	02/03/2016 21:58	WG846672
Cyclohexane	U		0.350	1.06	1	02/03/2016 21:58	WG846672
1,2-Dibromo-3-Chloropropane	U		1.05	5.31	1	02/03/2016 21:58	WG846672
1,2-Dibromoethane	U		0.343	1.06	1	02/03/2016 21:58	WG846672
Dichlorodifluoromethane	U	J4	0.713	5.31	1	02/03/2016 21:58	WG846672
1,1-Dichloroethane	U		0.199	1.06	1	02/03/2016 21:58	WG846672
1,2-Dichloroethane	U		0.265	1.06	1	02/03/2016 21:58	WG846672
1,2-Dichlorobenzene	U		0.305	1.06	1	02/03/2016 21:58	WG846672
1,3-Dichlorobenzene	U		0.239	1.06	1	02/03/2016 21:58	WG846672
1,4-Dichlorobenzene	U		0.226	1.06	1	02/03/2016 21:58	WG846672
1,1-Dichloroethene	U		0.303	1.06	1	02/03/2016 21:58	WG846672
cis-1,2-Dichloroethene	U		0.235	1.06	1	02/03/2016 21:58	WG846672
trans-1,2-Dichloroethene	U		0.264	1.06	1	02/03/2016 21:58	WG846672
1,2-Dichloropropane	U		0.358	1.06	1	02/03/2016 21:58	WG846672
cis-1,3-Dichloropropene	U		0.262	1.06	1	02/03/2016 21:58	WG846672
trans-1,3-Dichloropropene	U		0.267	1.06	1	02/03/2016 21:58	WG846672
Ethylbenzene	U		0.297	1.06	1	02/03/2016 21:58	WG846672
2-Hexanone	U		1.37	10.6	1	02/03/2016 21:58	WG846672
Isopropylbenzene	U		0.243	10.6	1	02/03/2016 21:58	WG846672
2-Butanone (MEK)	U		4.68	10.6	1	02/03/2016 21:58	WG846672
Methyl Acetate	U		6.10	21.3	1	02/03/2016 21:58	WG846672
Methyl Cyclohexane	U		0.380	1.06	1	02/03/2016 21:58	WG846672
Methylene Chloride	U		1.00	5.31	1	02/03/2016 21:58	WG846672
4-Methyl-2-pentanone (MIBK)	U		1.88	10.6	1	02/03/2016 21:58	WG846672
Methyl tert-butyl ether	U		0.212	1.06	1	02/03/2016 21:58	WG846672
Naphthalene	U		1.00	5.31	1	02/03/2016 21:58	WG846672
Styrene	U		0.234	1.06	1	02/03/2016 21:58	WG846672
1,1,2,2-Tetrachloroethane	U		0.365	1.06	1	02/03/2016 21:58	WG846672
Tetrachloroethene	3.32		0.276	1.06	1	02/03/2016 21:58	WG846672
Toluene	U		0.434	5.31	1	02/03/2016 21:58	WG846672
1,2,3-Trichlorobenzene	U		0.306	1.06	1	02/03/2016 21:58	WG846672
1,2,4-Trichlorobenzene	U		0.388	1.06	1	02/03/2016 21:58	WG846672
1,1,1-Trichloroethane	U		0.286	1.06	1	02/03/2016 21:58	WG846672
1,1,2-Trichloroethane	U		0.277	1.06	1	02/03/2016 21:58	WG846672
Trichloroethene	U		0.279	1.06	1	02/03/2016 21:58	WG846672
Trichlorofluoromethane	U		0.382	5.31	1	02/03/2016 21:58	WG846672
1,1,2-Trichlorotrifluoroethane	U		0.365	1.06	1	02/03/2016 21:58	WG846672
Vinyl chloride	U		0.291	1.06	1	02/03/2016 21:58	WG846672

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry) ug/kg	Qualifier	MDL ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Xylenes, Total	U		0.698	3.19	1	02/03/2016 21:58	WG846672
(S) Toluene-d8	*107*			*88.7-115*		*02/03/2016 21:58*	WG846672
(S) Dibromofluoromethane	*111*			*76.3-123*		*02/03/2016 21:58*	WG846672
(S) a,a,a-Trifluorotoluene	*103*			*87.2-117*		*02/03/2016 21:58*	WG846672
(S) 4-Bromofluorobenzene	*93.5*			*69.7-129*		*02/03/2016 21:58*	WG846672

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.1		1	01/20/2016 09:52	WG843525

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry)	Qualifier	MDL	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	20.3	J	10.0	53.1	1	02/03/2016 22:20	WG846672
Benzene	U		0.270	1.06	1	02/03/2016 22:20	WG846672
Bromochloromethane	U		0.390	1.06	1	02/03/2016 22:20	WG846672
Bromodichloromethane	U		0.254	1.06	1	02/03/2016 22:20	WG846672
Bromoform	U		0.424	1.06	1	02/03/2016 22:20	WG846672
Bromomethane	U		1.34	5.31	1	02/03/2016 22:20	WG846672
Carbon disulfide	0.414	B J	0.221	1.06	1	02/03/2016 22:20	WG846672
Carbon tetrachloride	U		0.328	1.06	1	02/03/2016 22:20	WG846672
Chlorobenzene	U		0.212	1.06	1	02/03/2016 22:20	WG846672
Chlorodibromomethane	U		0.373	1.06	1	02/03/2016 22:20	WG846672
Chloroethane	U		0.946	5.31	1	02/03/2016 22:20	WG846672
Chloroform	U		0.229	5.31	1	02/03/2016 22:20	WG846672
Chloromethane	U		0.375	2.66	1	02/03/2016 22:20	WG846672
Cyclohexane	U		0.350	1.06	1	02/03/2016 22:20	WG846672
1,2-Dibromo-3-Chloropropane	U		1.05	5.31	1	02/03/2016 22:20	WG846672
1,2-Dibromoethane	U		0.343	1.06	1	02/03/2016 22:20	WG846672
Dichlorodifluoromethane	U	J4	0.713	5.31	1	02/03/2016 22:20	WG846672
1,1-Dichloroethane	U		0.199	1.06	1	02/03/2016 22:20	WG846672
1,2-Dichloroethane	U		0.265	1.06	1	02/03/2016 22:20	WG846672
1,2-Dichlorobenzene	U		0.305	1.06	1	02/03/2016 22:20	WG846672
1,3-Dichlorobenzene	U		0.239	1.06	1	02/03/2016 22:20	WG846672
1,4-Dichlorobenzene	U		0.226	1.06	1	02/03/2016 22:20	WG846672
1,1-Dichloroethene	U		0.303	1.06	1	02/03/2016 22:20	WG846672
cis-1,2-Dichloroethene	2.30		0.235	1.06	1	02/03/2016 22:20	WG846672
trans-1,2-Dichloroethene	U		0.264	1.06	1	02/03/2016 22:20	WG846672
1,2-Dichloropropane	U		0.358	1.06	1	02/03/2016 22:20	WG846672
cis-1,3-Dichloropropene	U		0.262	1.06	1	02/03/2016 22:20	WG846672
trans-1,3-Dichloropropene	U		0.267	1.06	1	02/03/2016 22:20	WG846672
Ethylbenzene	U		0.297	1.06	1	02/03/2016 22:20	WG846672
2-Hexanone	U		1.37	10.6	1	02/03/2016 22:20	WG846672
Isopropylbenzene	U		0.243	10.6	1	02/03/2016 22:20	WG846672
2-Butanone (MEK)	U		4.68	10.6	1	02/03/2016 22:20	WG846672
Methyl Acetate	U		6.10	21.3	1	02/03/2016 22:20	WG846672
Methyl Cyclohexane	U		0.380	1.06	1	02/03/2016 22:20	WG846672
Methylene Chloride	U		1.00	5.31	1	02/03/2016 22:20	WG846672
4-Methyl-2-pentanone (MIBK)	U		1.88	10.6	1	02/03/2016 22:20	WG846672
Methyl tert-butyl ether	U		0.212	1.06	1	02/03/2016 22:20	WG846672
Naphthalene	U		1.00	5.31	1	02/03/2016 22:20	WG846672
Styrene	U		0.234	1.06	1	02/03/2016 22:20	WG846672
1,1,2,2-Tetrachloroethane	U		0.365	1.06	1	02/03/2016 22:20	WG846672
Tetrachloroethene	7.23		0.276	1.06	1	02/03/2016 22:20	WG846672
Toluene	U		0.434	5.31	1	02/03/2016 22:20	WG846672
1,2,3-Trichlorobenzene	U		0.306	1.06	1	02/03/2016 22:20	WG846672
1,2,4-Trichlorobenzene	U		0.388	1.06	1	02/03/2016 22:20	WG846672
1,1,1-Trichloroethane	U		0.286	1.06	1	02/03/2016 22:20	WG846672
1,1,2-Trichloroethane	U		0.277	1.06	1	02/03/2016 22:20	WG846672
Trichloroethene	1.24		0.279	1.06	1	02/03/2016 22:20	WG846672
Trichlorofluoromethane	U		0.382	5.31	1	02/03/2016 22:20	WG846672
1,1,2-Trichlorotrifluoroethane	U		0.365	1.06	1	02/03/2016 22:20	WG846672
Vinyl chloride	U		0.291	1.06	1	02/03/2016 22:20	WG846672

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry) ug/kg	Qualifier	MDL ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Xylenes, Total	U		0.698	3.19	1	02/03/2016 22:20	WG846672
(S) Toluene-d8	*106*			*88.7-115*		*02/03/2016 22:20*	WG846672
(S) Dibromofluoromethane	*111*			*76.3-123*		*02/03/2016 22:20*	WG846672
(S) a,a,a-Trifluorotoluene	*102*			*87.2-117*		*02/03/2016 22:20*	WG846672
(S) 4-Bromofluorobenzene	*93.8*			*69.7-129*		*02/03/2016 22:20*	WG846672

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.8		1	01/20/2016 09:52	WG843525

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry)	Qualifier	MDL	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U		142	812	14.25	02/04/2016 13:08	WG846911
Benzene	U		3.85	16.2	14.25	02/04/2016 13:08	WG846911
Bromochloromethane	U		5.56	16.2	14.25	02/04/2016 13:08	WG846911
Bromodichloromethane	U		3.62	16.2	14.25	02/04/2016 13:08	WG846911
Bromoform	U		6.04	16.2	14.25	02/04/2016 13:08	WG846911
Bromomethane	U		19.1	81.2	14.25	02/04/2016 13:08	WG846911
Carbon disulfide	U		3.15	16.2	14.25	02/04/2016 13:08	WG846911
Carbon tetrachloride	U		4.67	16.2	14.25	02/04/2016 13:08	WG846911
Chlorobenzene	U		3.02	16.2	14.25	02/04/2016 13:08	WG846911
Chlorodibromomethane	U		5.32	16.2	14.25	02/04/2016 13:08	WG846911
Chloroethane	U		13.5	81.2	14.25	02/04/2016 13:08	WG846911
Chloroform	U		3.26	81.2	14.25	02/04/2016 13:08	WG846911
Chloromethane	U		5.34	40.6	14.25	02/04/2016 13:08	WG846911
Cyclohexane	U		4.99	16.2	14.25	02/04/2016 13:08	WG846911
1,2-Dibromo-3-Chloropropane	U		15.0	81.2	14.25	02/04/2016 13:08	WG846911
1,2-Dibromoethane	U		4.89	16.2	14.25	02/04/2016 13:08	WG846911
Dichlorodifluoromethane	U		10.2	81.2	14.25	02/04/2016 13:08	WG846911
1,1-Dichloroethane	U		2.84	16.2	14.25	02/04/2016 13:08	WG846911
1,2-Dichloroethane	U		3.78	16.2	14.25	02/04/2016 13:08	WG846911
1,2-Dichlorobenzene	U		4.35	16.2	14.25	02/04/2016 13:08	WG846911
1,3-Dichlorobenzene	U		3.40	16.2	14.25	02/04/2016 13:08	WG846911
1,4-Dichlorobenzene	U		3.22	16.2	14.25	02/04/2016 13:08	WG846911
1,1-Dichloroethene	U		4.32	16.2	14.25	02/04/2016 13:08	WG846911
cis-1,2-Dichloroethene	U		3.35	16.2	14.25	02/04/2016 13:08	WG846911
trans-1,2-Dichloroethene	U		3.76	16.2	14.25	02/04/2016 13:08	WG846911
1,2-Dichloropropane	U		5.10	16.2	14.25	02/04/2016 13:08	WG846911
cis-1,3-Dichloropropene	U		3.73	16.2	14.25	02/04/2016 13:08	WG846911
trans-1,3-Dichloropropene	U		3.80	16.2	14.25	02/04/2016 13:08	WG846911
Ethylbenzene	U		4.23	16.2	14.25	02/04/2016 13:08	WG846911
2-Hexanone	U		19.5	162	14.25	02/04/2016 13:08	WG846911
Isopropylbenzene	U		3.46	162	14.25	02/04/2016 13:08	WG846911
2-Butanone (MEK)	U		66.7	162	14.25	02/04/2016 13:08	WG846911
Methyl Acetate	U		86.9	325	14.25	02/04/2016 13:08	WG846911
Methyl Cyclohexane	U		5.42	16.2	14.25	02/04/2016 13:08	WG846911
Methylene Chloride	U		14.2	81.2	14.25	02/04/2016 13:08	WG846911
4-Methyl-2-pentanone (MIBK)	U		26.8	162	14.25	02/04/2016 13:08	WG846911
Methyl tert-butyl ether	U		3.02	16.2	14.25	02/04/2016 13:08	WG846911
Naphthalene	U		14.2	81.2	14.25	02/04/2016 13:08	WG846911
Styrene	U		3.33	16.2	14.25	02/04/2016 13:08	WG846911
1,1,2,2-Tetrachloroethane	U		5.20	16.2	14.25	02/04/2016 13:08	WG846911
Tetrachloroethene	209		3.93	16.2	14.25	02/04/2016 13:08	WG846911
Toluene	U		6.18	81.2	14.25	02/04/2016 13:08	WG846911
1,2,3-Trichlorobenzene	U		4.36	16.2	14.25	02/04/2016 13:08	WG846911
1,2,4-Trichlorobenzene	U		5.53	16.2	14.25	02/04/2016 13:08	WG846911
1,1,1-Trichloroethane	U		4.08	16.2	14.25	02/04/2016 13:08	WG846911
1,1,2-Trichloroethane	U		3.95	16.2	14.25	02/04/2016 13:08	WG846911
Trichloroethene	U		3.98	16.2	14.25	02/04/2016 13:08	WG846911
Trichlorofluoromethane	U		5.44	81.2	14.25	02/04/2016 13:08	WG846911
1,1,2-Trichlorotrifluoroethane	U		5.20	16.2	14.25	02/04/2016 13:08	WG846911
Vinyl chloride	U		4.15	16.2	14.25	02/04/2016 13:08	WG846911

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry) ug/kg	Qualifier	MDL ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Xylenes, Total	U		9.95	48.7	14.25	02/04/2016 13:08	WG846911
(S) Toluene-d8	*107*			*88.7-115*		*02/04/2016 13:08*	WG846911
(S) Dibromofluoromethane	*120*			*76.3-123*		*02/04/2016 13:08*	WG846911
(S) a,a,a-Trifluorotoluene	*95.1*			*87.2-117*		*02/04/2016 13:08*	WG846911
(S) 4-Bromofluorobenzene	*96.3*			*69.7-129*		*02/04/2016 13:08*	WG846911

Method Blank (MB)

(MB) 01/19/16 10:18

Analyte	MB Result %	MB Qualifier	MB RDL %
Total Solids	0.000600		

L812526-10 Original Sample (OS) • Duplicate (DUP)

(OS) 01/19/16 10:18 • (DUP) 01/19/16 10:18

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	76.9	81.1	1	5.28	J3	5

Laboratory Control Sample (LCS)

(LCS) 01/19/16 10:18

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) 01/19/16 13:18

Analyte	MB Result %	MB Qualifier	MB RDL %
Total Solids	0.000200		

L812660-08 Original Sample (OS) • Duplicate (DUP)

(OS) 01/19/16 13:18 • (DUP) 01/19/16 13:18

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	79.1	78.8	1	0.328		5

Laboratory Control Sample (LCS)

(LCS) 01/19/16 13:18

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) 01/20/16 09:52

Analyte	MB Result	MB Qualifier	MB RDL
	%		%
Total Solids	0.000800		

L812541-02 Original Sample (OS) • Duplicate (DUP)

(OS) 01/20/16 09:52 • (DUP) 01/20/16 09:52

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	80.0	79.5	1	0.637		5

Laboratory Control Sample (LCS)

(LCS) 01/20/16 09:52

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) 02/03/16 13:04

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0100	0.0500
Benzene	U		0.000270	0.00100
Bromodichloromethane	U		0.000254	0.00100
Bromochloromethane	U		0.000390	0.00100
Bromoform	U		0.000424	0.00100
Bromomethane	U		0.00134	0.00500
Carbon disulfide	0.000229		0.000221	0.00100
Carbon tetrachloride	U		0.000328	0.00100
Chlorobenzene	U		0.000212	0.00100
Chlorodibromomethane	U		0.000373	0.00100
Chloroethane	U		0.000946	0.00500
Chloroform	U		0.000229	0.00500
Chloromethane	U		0.000375	0.00250
Cyclohexane	U		0.000350	0.00100
1,2-Dibromo-3-Chloropropane	U		0.00105	0.00500
1,2-Dibromoethane	U		0.000343	0.00100
1,2-Dichlorobenzene	U		0.000305	0.00100
1,3-Dichlorobenzene	U		0.000239	0.00100
1,4-Dichlorobenzene	U		0.000226	0.00100
Dichlorodifluoromethane	U		0.000713	0.00500
1,1-Dichloroethane	U		0.000199	0.00100
1,2-Dichloroethane	U		0.000265	0.00100
1,1-Dichloroethene	U		0.000303	0.00100
cis-1,2-Dichloroethene	U		0.000235	0.00100
trans-1,2-Dichloroethene	U		0.000264	0.00100
1,2-Dichloropropane	U		0.000358	0.00100
cis-1,3-Dichloropropene	U		0.000262	0.00100
trans-1,3-Dichloropropene	U		0.000267	0.00100
Ethylbenzene	U		0.000297	0.00100
2-Hexanone	U		0.00137	0.0100
Isopropylbenzene	U		0.000243	0.0100
2-Butanone (MEK)	U		0.00468	0.0100
Methyl Acetate	U		0.00610	0.0200
Methyl Cyclohexane	U		0.000380	0.00100
Methylene Chloride	U		0.00100	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00188	0.0100

Method Blank (MB)

(MB) 02/03/16 13:04

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Methyl tert-butyl ether	U		0.000212	0.00100
Naphthalene	U		0.00100	0.00500
Styrene	U		0.000234	0.00100
1,1,2,2-Tetrachloroethane	U		0.000365	0.00100
Tetrachloroethene	U		0.000276	0.00100
Toluene	U		0.000434	0.00500
1,1,2-Trichlorotrifluoroethane	U		0.000365	0.00100
1,2,3-Trichlorobenzene	U		0.000306	0.00100
1,2,4-Trichlorobenzene	U		0.000388	0.00100
1,1,1-Trichloroethane	U		0.000286	0.00100
1,1,2-Trichloroethane	U		0.000277	0.00100
Trichloroethene	U		0.000279	0.00100
Trichlorofluoromethane	U		0.000382	0.00500
Vinyl chloride	U		0.000291	0.00100
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	*105*			*88.7-115*
(S) Dibromofluoromethane	*105*			*76.3-123*
(S) a,a,a-Trifluorotoluene	*104*			*87.2-117*
(S) 4-Bromofluorobenzene	*98.5*			*69.7-129*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 02/03/16 11:17 • (LCSD) 02/03/16 11:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.125	0.104	0.0902	83.4	72.2	25.3-178			14.4	22.9
Benzene	0.0250	0.0275	0.0271	110	108	72.6-120			1.53	20
Bromodichloromethane	0.0250	0.0292	0.0286	117	114	75.3-119			2.11	20
Bromochloromethane	0.0250	0.0283	0.0273	113	109	79.7-123			3.71	20
Bromoform	0.0250	0.0276	0.0263	111	105	69.1-135			4.85	20
Bromomethane	0.0250	0.0297	0.0294	119	118	23.0-191			0.970	20
Carbon disulfide	0.0250	0.0277	0.0271	111	108	49.9-136			2.20	20
Carbon tetrachloride	0.0250	0.0274	0.0270	109	108	69.4-129			1.22	20
Chlorobenzene	0.0250	0.0270	0.0273	108	109	78.9-122			0.960	20
Chlorodibromomethane	0.0250	0.0274	0.0263	110	105	76.4-126			3.91	20
Chloroethane	0.0250	0.0298	0.0300	119	120	47.2-147			0.500	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 02/03/16 11:17 • (LCSD) 02/03/16 11:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloroform	0.0250	0.0290	0.0286	116	114	73.3-122			1.67	20
Chloromethane	0.0250	0.0290	0.0286	116	114	53.1-135			1.48	20
1,2-Dibromo-3-Chloropropane	0.0250	0.0291	0.0276	117	110	64.9-131			5.35	20
1,2-Dibromoethane	0.0250	0.0275	0.0265	110	106	67.2-121			3.68	20
1,2-Dichlorobenzene	0.0250	0.0276	0.0279	110	112	83.6-119			1.02	20
1,3-Dichlorobenzene	0.0250	0.0267	0.0264	107	106	75.9-129			1.13	20
1,4-Dichlorobenzene	0.0250	0.0273	0.0269	109	108	81.0-115			1.49	20
Dichlorodifluoromethane	0.0250	0.0362	0.0379	145	151	50.9-139	J4	J4	4.42	20
1,1-Dichloroethane	0.0250	0.0291	0.0284	117	114	71.7-125			2.61	20
1,2-Dichloroethane	0.0250	0.0295	0.0290	118	116	67.2-121			1.79	20
1,1-Dichloroethene	0.0250	0.0301	0.0296	120	119	60.6-133			1.43	20
cis-1,2-Dichloroethene	0.0250	0.0285	0.0283	114	113	76.1-121			0.730	20
trans-1,2-Dichloroethene	0.0250	0.0285	0.0283	114	113	70.7-124			0.510	20
1,2-Dichloropropane	0.0250	0.0287	0.0282	115	113	76.9-123			1.57	20
cis-1,3-Dichloropropene	0.0250	0.0302	0.0297	121	119	77.3-123			1.63	20
trans-1,3-Dichloropropene	0.0250	0.0304	0.0293	122	117	73.0-127			3.75	20
Ethylbenzene	0.0250	0.0271	0.0274	109	109	78.6-124			0.780	20
2-Hexanone	0.125	0.136	0.123	109	98.1	62.7-150			10.6	20
Isopropylbenzene	0.0250	0.0281	0.0282	112	113	79.4-126			0.690	20
2-Butanone (MEK)	0.125	0.125	0.109	100	87.5	44.5-154			13.5	21.3
Methylene Chloride	0.0250	0.0276	0.0270	110	108	68.2-119			2.39	20
4-Methyl-2-pentanone (MIBK)	0.125	0.148	0.135	118	108	61.1-138			9.47	20
Methyl tert-butyl ether	0.0250	0.0284	0.0276	113	110	70.2-122			2.78	20
Naphthalene	0.0250	0.0276	0.0274	110	110	69.9-132			0.550	20
Styrene	0.0250	0.0226	0.0224	90.5	89.5	79.4-124			1.14	20
1,1,2,2-Tetrachloroethane	0.0250	0.0278	0.0253	111	101	78.8-124			9.57	20
Tetrachloroethene	0.0250	0.0272	0.0271	109	108	71.1-133			0.450	20
Toluene	0.0250	0.0275	0.0271	110	108	76.7-116			1.48	20
1,1,2-Trichlorotrifluoroethane	0.0250	0.0309	0.0306	124	123	62.6-138			0.840	20
1,2,3-Trichlorobenzene	0.0250	0.0288	0.0295	115	118	72.5-137			2.53	20
1,2,4-Trichlorobenzene	0.0250	0.0282	0.0290	113	116	74.0-137			2.81	20
1,1,1-Trichloroethane	0.0250	0.0296	0.0286	119	115	69.9-127			3.42	20
1,1,2-Trichloroethane	0.0250	0.0264	0.0260	105	104	81.9-119			1.37	20
Trichloroethene	0.0250	0.0272	0.0269	109	108	77.2-122			1.11	20
Trichlorofluoromethane	0.0250	0.0280	0.0275	112	110	51.5-151			1.77	20
Vinyl chloride	0.0250	0.0310	0.0301	124	121	58.4-134			2.94	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 02/03/16 11:17 • (LCSD) 02/03/16 11:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Xylenes, Total	0.0750	0.0824	0.0821	110	109	78.1-123			0.450	20
(S) Toluene-d8				*105*	*104*	*88.7-115*				
(S) Dibromofluoromethane				*104*	*101*	*76.3-123*				
(S) a,a,a-Trifluorotoluene				*101*	*102*	*87.2-117*				
(S) 4-Bromofluorobenzene				*97.6*	*99.2*	*69.7-129*				

L814289-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 02/03/16 14:50 • (MS) 02/03/16 18:02 • (MSD) 02/03/16 18:23

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.125	0.00334	0.359	0.322	57.0	51.0	5	5.00-182			10.9	31.5
Benzene	0.0250	ND	0.108	0.105	86.8	84.4	5	47.8-131			2.81	22.8
Bromodichloromethane	0.0250	ND	0.125	0.121	100	97.0	5	50.6-128			3.28	22.8
Bromochloromethane	0.0250	ND	0.116	0.110	92.5	87.6	5	62.9-126			5.45	20
Bromoform	0.0250	ND	0.118	0.113	94.2	90.7	5	43.3-139			3.83	25.9
Bromomethane	0.0250	0.00115	0.0955	0.0891	75.5	70.4	5	5.00-189			6.93	26.7
Carbon disulfide	0.0250	0.00125	0.0674	0.0650	52.9	51.0	5	21.2-135			3.65	23.8
Carbon tetrachloride	0.0250	ND	0.113	0.107	90.2	85.7	5	46.0-140			5.10	27.2
Chlorobenzene	0.0250	ND	0.111	0.107	88.9	85.7	5	44.1-134			3.70	25.7
Chlorodibromomethane	0.0250	ND	0.118	0.115	94.7	91.6	5	49.7-134			3.36	24
Chloroethane	0.0250	ND	0.106	0.103	85.1	82.3	5	5.00-164			3.32	28.4
Chloroform	0.0250	ND	0.124	0.118	98.9	94.4	5	51.2-133			4.70	22.8
Chloromethane	0.0250	0.00542	0.0834	0.0792	62.4	59.0	5	31.4-141			5.13	24.6
1,2-Dibromo-3-Chloropropane	0.0250	ND	0.126	0.125	101	100	5	40.4-138			0.870	30.8
1,2-Dibromoethane	0.0250	ND	0.116	0.110	93.2	88.0	5	50.2-133			5.74	23.6
1,2-Dichlorobenzene	0.0250	ND	0.114	0.114	91.4	91.5	5	34.6-139			0.0900	29.9
1,3-Dichlorobenzene	0.0250	ND	0.105	0.101	84.2	80.5	5	28.4-142			4.48	31.2
1,4-Dichlorobenzene	0.0250	ND	0.107	0.106	85.9	84.7	5	35.0-133			1.49	31.1
Dichlorodifluoromethane	0.0250	ND	0.0980	0.0894	78.4	71.5	5	31.2-144			9.11	30.2
1,1-Dichloroethane	0.0250	ND	0.120	0.115	96.3	91.7	5	49.1-136			4.95	22.9
1,2-Dichloroethane	0.0250	ND	0.126	0.118	101	94.6	5	47.1-129			6.20	22.7
1,1-Dichloroethene	0.0250	ND	0.110	0.108	87.7	86.2	5	36.1-142			1.71	25.6
cis-1,2-Dichloroethene	0.0250	ND	0.117	0.112	93.5	89.9	5	50.6-133			4.02	23
trans-1,2-Dichloroethene	0.0250	ND	0.102	0.0974	81.3	77.9	5	43.8-135			4.21	24.8
1,2-Dichloropropane	0.0250	ND	0.120	0.118	95.9	94.1	5	50.3-134			1.94	22.7

L814289-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 02/03/16 14:50 • (MS) 02/03/16 18:02 • (MSD) 02/03/16 18:23

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
cis-1,3-Dichloropropene	0.0250	ND	0.127	0.121	101	96.5	5	48.4-134			4.83	23.6
trans-1,3-Dichloropropene	0.0250	ND	0.128	0.123	102	98.6	5	46.6-135			3.90	25.3
Ethylbenzene	0.0250	ND	0.111	0.108	88.7	86.1	5	44.8-135			3.01	26.9
2-Hexanone	0.125	ND	0.547	0.507	87.5	81.0	5	44.3-157			7.71	23.7
Isopropylbenzene	0.0250	ND	0.115	0.112	91.8	89.5	5	41.9-139			2.50	29.3
2-Butanone (MEK)	0.125	ND	0.479	0.438	76.7	70.0	5	23.9-170			9.10	28.3
Methylene Chloride	0.0250	ND	0.109	0.105	87.4	84.1	5	46.7-125			3.81	22.2
4-Methyl-2-pentanone (MIBK)	0.125	ND	0.655	0.607	105	97.2	5	42.4-146			7.51	26.7
Methyl tert-butyl ether	0.0250	ND	0.125	0.119	99.8	95.2	5	50.4-131			4.66	24.8
Naphthalene	0.0250	0.000300	0.119	0.116	95.2	92.5	5	18.4-145			2.88	34
Styrene	0.0250	ND	0.0919	0.0866	73.5	69.3	5	39.7-137			5.98	28.2
1,1,2,2-Tetrachloroethane	0.0250	ND	0.115	0.107	91.9	85.2	5	45.7-140			7.57	26.4
Tetrachloroethene	0.0250	ND	0.0998	0.0979	79.9	78.3	5	37.7-140			1.97	29.2
Toluene	0.0250	ND	0.109	0.106	87.0	84.6	5	47.8-127			2.79	24.3
1,1,2-Trichlorotrifluoroethane	0.0250	ND	0.120	0.111	96.3	88.5	5	35.7-146			8.46	28.8
1,2,3-Trichlorobenzene	0.0250	ND	0.112	0.114	89.7	91.1	5	10.0-150			1.55	38.5
1,2,4-Trichlorobenzene	0.0250	ND	0.103	0.102	82.7	81.4	5	10.0-153			1.70	39.3
1,1,1-Trichloroethane	0.0250	ND	0.123	0.121	98.7	96.5	5	49.0-138			2.24	25.3
1,1,2-Trichloroethane	0.0250	ND	0.116	0.112	93.1	89.6	5	52.3-132			3.81	23.4
Trichloroethene	0.0250	ND	0.113	0.112	90.6	89.6	5	48.0-132			1.10	24.8
Trichlorofluoromethane	0.0250	ND	0.112	0.108	89.9	86.7	5	12.8-169			3.60	29.7
Vinyl chloride	0.0250	ND	0.0964	0.0920	77.2	73.6	5	32.0-146			4.73	26.3
Xylenes, Total	0.0750	ND	0.332	0.318	88.6	84.9	5	42.7-135			4.25	26.6
(S) Toluene-d8					*107*	*106*		*88.7-115*				
(S) Dibromofluoromethane					*104*	*102*		*76.3-123*				
(S) a,a,a-Trifluorotoluene					*103*	*102*		*87.2-117*				
(S) 4-Bromofluorobenzene					*99.3*	*99.5*		*69.7-129*				

Method Blank (MB)

(MB) 02/04/16 11:18

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0100	0.0500
Benzene	U		0.000270	0.00100
Bromodichloromethane	U		0.000254	0.00100
Bromochloromethane	U		0.000390	0.00100
Bromoform	U		0.000424	0.00100
Bromomethane	U		0.00134	0.00500
Carbon disulfide	U		0.000221	0.00100
Carbon tetrachloride	U		0.000328	0.00100
Chlorobenzene	U		0.000212	0.00100
Chlorodibromomethane	U		0.000373	0.00100
Chloroethane	U		0.000946	0.00500
Chloroform	U		0.000229	0.00500
Chloromethane	U		0.000375	0.00250
Cyclohexane	U		0.000350	0.00100
1,2-Dibromo-3-Chloropropane	U		0.00105	0.00500
1,2-Dibromoethane	U		0.000343	0.00100
1,2-Dichlorobenzene	U		0.000305	0.00100
1,3-Dichlorobenzene	U		0.000239	0.00100
1,4-Dichlorobenzene	U		0.000226	0.00100
Dichlorodifluoromethane	U		0.000713	0.00500
1,1-Dichloroethane	U		0.000199	0.00100
1,2-Dichloroethane	U		0.000265	0.00100
1,1-Dichloroethene	U		0.000303	0.00100
cis-1,2-Dichloroethene	U		0.000235	0.00100
trans-1,2-Dichloroethene	U		0.000264	0.00100
1,2-Dichloropropane	U		0.000358	0.00100
cis-1,3-Dichloropropene	U		0.000262	0.00100
trans-1,3-Dichloropropene	U		0.000267	0.00100
Ethylbenzene	U		0.000297	0.00100
2-Hexanone	U		0.00137	0.0100
Isopropylbenzene	U		0.000243	0.0100
2-Butanone (MEK)	U		0.00468	0.0100
Methyl Acetate	U		0.00610	0.0200
Methyl Cyclohexane	U		0.000380	0.00100
Methylene Chloride	U		0.00100	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00188	0.0100

Method Blank (MB)

(MB) 02/04/16 11:18

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Methyl tert-butyl ether	U		0.000212	0.00100
Naphthalene	U		0.00100	0.00500
Styrene	U		0.000234	0.00100
1,1,2,2-Tetrachloroethane	U		0.000365	0.00100
Tetrachloroethene	U		0.000276	0.00100
Toluene	U		0.000434	0.00500
1,1,2-Trichlorotrifluoroethane	U		0.000365	0.00100
1,2,3-Trichlorobenzene	U		0.000306	0.00100
1,2,4-Trichlorobenzene	U		0.000388	0.00100
1,1,1-Trichloroethane	U		0.000286	0.00100
1,1,2-Trichloroethane	U		0.000277	0.00100
Trichloroethene	U		0.000279	0.00100
Trichlorofluoromethane	U		0.000382	0.00500
Vinyl chloride	U		0.000291	0.00100
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	*108*			*88.7-115*
(S) Dibromofluoromethane	*119*			*76.3-123*
(S) a,a,a-Trifluorotoluene	*96.0*			*87.2-117*
(S) 4-Bromofluorobenzene	*94.3*			*69.7-129*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 02/04/16 09:41 • (LCSD) 02/04/16 10:00

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.125	0.128	0.135	102	108	25.3-178			5.64	22.9
Benzene	0.0250	0.0244	0.0251	97.8	100	72.6-120			2.59	20
Bromodichloromethane	0.0250	0.0235	0.0240	94.0	96.2	75.3-119			2.29	20
Bromochloromethane	0.0250	0.0271	0.0272	109	109	79.7-123			0.210	20
Bromoform	0.0250	0.0243	0.0251	97.3	100	69.1-135			3.18	20
Bromomethane	0.0250	0.0321	0.0331	129	132	23.0-191			2.90	20
Carbon disulfide	0.0250	0.0248	0.0250	99.3	100	49.9-136			0.820	20
Carbon tetrachloride	0.0250	0.0262	0.0261	105	104	69.4-129			0.430	20
Chlorobenzene	0.0250	0.0236	0.0237	94.3	95.0	78.9-122			0.730	20
Chlorodibromomethane	0.0250	0.0248	0.0245	99.1	98.0	76.4-126			1.08	20
Chloroethane	0.0250	0.0405	0.0406	162	162	47.2-147	J4	J4	0.290	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 02/04/16 09:41 • (LCSD) 02/04/16 10:00

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloroform	0.0250	0.0257	0.0258	103	103	73.3-122			0.700	20
Chloromethane	0.0250	0.0173	0.0171	69.1	68.2	53.1-135			1.35	20
1,2-Dibromo-3-Chloropropane	0.0250	0.0217	0.0223	86.7	89.3	64.9-131			2.88	20
1,2-Dibromoethane	0.0250	0.0236	0.0241	94.5	96.4	67.2-121			1.90	20
1,2-Dichlorobenzene	0.0250	0.0235	0.0240	93.8	95.8	83.6-119			2.11	20
1,3-Dichlorobenzene	0.0250	0.0228	0.0231	91.3	92.4	75.9-129			1.20	20
1,4-Dichlorobenzene	0.0250	0.0244	0.0251	97.5	100	81.0-115			2.81	20
Dichlorodifluoromethane	0.0250	0.0226	0.0232	90.2	92.9	50.9-139			2.88	20
1,1-Dichloroethane	0.0250	0.0253	0.0253	101	101	71.7-125			0.0100	20
1,2-Dichloroethane	0.0250	0.0278	0.0281	111	112	67.2-121			1.10	20
1,1-Dichloroethene	0.0250	0.0261	0.0260	104	104	60.6-133			0.290	20
cis-1,2-Dichloroethene	0.0250	0.0235	0.0236	94.1	94.6	76.1-121			0.480	20
trans-1,2-Dichloroethene	0.0250	0.0244	0.0247	97.7	98.9	70.7-124			1.20	20
1,2-Dichloropropane	0.0250	0.0226	0.0235	90.3	94.1	76.9-123			4.13	20
cis-1,3-Dichloropropene	0.0250	0.0233	0.0239	93.2	95.6	77.3-123			2.54	20
trans-1,3-Dichloropropene	0.0250	0.0245	0.0258	98.2	103	73.0-127			4.91	20
Ethylbenzene	0.0250	0.0228	0.0225	91.1	90.0	78.6-124			1.27	20
2-Hexanone	0.125	0.116	0.122	93.1	97.6	62.7-150			4.71	20
Isopropylbenzene	0.0250	0.0231	0.0233	92.3	93.1	79.4-126			0.880	20
2-Butanone (MEK)	0.125	0.128	0.139	103	111	44.5-154			7.93	21.3
Methylene Chloride	0.0250	0.0239	0.0247	95.4	98.6	68.2-119			3.31	20
4-Methyl-2-pentanone (MIBK)	0.125	0.112	0.121	89.8	96.8	61.1-138			7.54	20
Methyl tert-butyl ether	0.0250	0.0263	0.0270	105	108	70.2-122			2.36	20
Naphthalene	0.0250	0.0220	0.0239	88.0	95.7	69.9-132			8.36	20
Styrene	0.0250	0.0234	0.0236	93.7	94.5	79.4-124			0.840	20
1,1,2,2-Tetrachloroethane	0.0250	0.0242	0.0249	96.7	99.5	78.8-124			2.81	20
Tetrachloroethene	0.0250	0.0214	0.0217	85.5	86.6	71.1-133			1.25	20
Toluene	0.0250	0.0221	0.0226	88.2	90.5	76.7-116			2.59	20
1,1,2-Trichlorotrifluoroethane	0.0250	0.0259	0.0271	103	108	62.6-138			4.66	20
1,2,3-Trichlorobenzene	0.0250	0.0219	0.0229	87.7	91.7	72.5-137			4.52	20
1,2,4-Trichlorobenzene	0.0250	0.0213	0.0221	85.3	88.4	74.0-137			3.61	20
1,1,1-Trichloroethane	0.0250	0.0256	0.0257	102	103	69.9-127			0.480	20
1,1,2-Trichloroethane	0.0250	0.0228	0.0234	91.1	93.4	81.9-119			2.58	20
Trichloroethene	0.0250	0.0233	0.0235	93.1	94.1	77.2-122			1.00	20
Trichlorofluoromethane	0.0250	0.0298	0.0301	119	120	51.5-151			1.00	20
Vinyl chloride	0.0250	0.0251	0.0249	100	99.5	58.4-134			0.900	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 02/04/16 09:41 • (LCSD) 02/04/16 10:00

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Xylenes, Total	0.0750	0.0693	0.0694	92.4	92.6	78.1-123			0.150	20
(S) Toluene-d8				*104*	*104*	*88.7-115*				
(S) Dibromofluoromethane				*118*	*119*	*76.3-123*				
(S) a,a,a-Trifluorotoluene				*94.9*	*95.2*	*87.2-117*				
(S) 4-Bromofluorobenzene				*95.5*	*95.3*	*69.7-129*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND,U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.
SDL	Sample Detection Limit.
MQL	Method Quantitation Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.

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***** Not all certifications held by the laboratory are applicable to the results reported in the attached report.

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Alaska	UST-080	New Hampshire	2975
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California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
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Kansas	E-10277	South Carolina	84004
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Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
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Massachusetts	M-TN003	Vermont	VT2006
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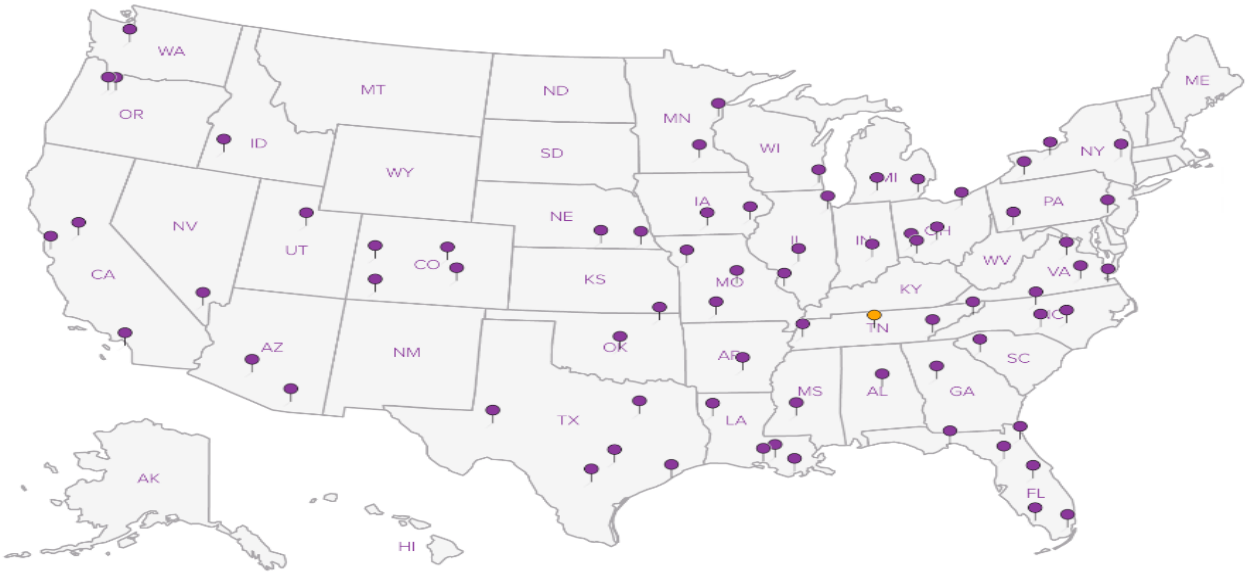
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Lender Consulting Services - NY

40 La Riviere Dr., Ste. 120
Buffalo, NY 14202

Billing Information:
Accounts Payable
40 La Riviere Dr., Ste. 120
Buffalo, NY 14202

Report to: Douglas Reid

Email To:

Project Description:

City/State Collected: Medybrook, NY

Phone: 716-845-6145
Fax: 716-845-6164

Client Project # 15N6714.22

Lab Project #

Collected by (print): Manny Mazario

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No ___Yes
FAX? ___No ___Yes

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Cp-51 VOCs by 8260 (TCL)	Rem./Contaminant	Sample # (lab only)
BH-8	Grab	SS	4-6'	1-14-16	1450	5	X	-01	-01
BH-9			4-6'	1-14-16	1418	5	X	02	-02
BH-10			4-6'	1-14-16	1426	5	X	03	-03
BH-10		9.5	11.5'	1-14-16	1616	5	X	04	-04
BH-11			6-8'	1-14-16	1630	5	X	05	-05
BH-12			1-3'	1-14-16	1641	5	X	06	-06
BH-13			6-8	1-14-16	1655	5	X	07	-07
TW-4		GW	10'	1-14-16	1357	7	X		-08
TW-5		GW	10'	1-14-16	1511	2	X		-09

* Matrix: **SS** - Soil **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

pH _____ Temp _____

Flow _____ Other _____

Remarks:

Chain of Custody Page ___ of ___

ESC LABORATORY SCIENCES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L815127N
G239
T L815198

Acctnum: LCSBNY

Template:

Prelogin:

TSR: 364 - T. Alan Harvill

PB: 1-11-16

Shipped Via:

Hold #

Condition: ok (lab use only) GOLO

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	1-15-16	1400	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ _____

Temp: 3.6 °C Bottles Received: 39+TB

Date: 1/16/16 Time: 910

COC Seal Intact: ___ Y ___ N ___ NA

pH Checked: NCF:

LIMITATIONS

This environmental study is limited by the scope of services contained within this report and time frames specified within the contract for services.

This environmental study makes no warranties nor implies any liability regarding:

1. Any impacted media located beneath the on-site structure(s).
2. Any chemical analytes not included within the analytical test methods employed during this study.
3. Any impacted media present from off-site sources not assessed.
4. Any impact at locations and depths not assessed in this study.
5. Any impact at locations where access was limited (i.e., beneath structures, etc.).
6. Vapor Intrusion.

Conclusions and/or recommendations made within the study are based on the interpretation of data collected at individual sample locations and may change if additional data is collected during future study. Conditions between sampling locations are estimated based on available data. Intrusive studies serve to reduce, but not eliminate, the potential environmental risk associated with a property. No study is considered all-inclusive or representative of the entire subject property. Such would be cost prohibitive.