Periodic Review Report

Scott Rotary Seals Site
Olean, New York
BCP Site No. 905036

June 2015 0189-014-001

Prepared For: DST Properties NY, LLC
Scott Rotary Seals

TurnKey Environmental Restoration, LLC
Benchmark Environmental Engineering & Science, PLLC

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PERIODIC REVIEW REPORT

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(BCP SITE NO. C905036)

OLEAN, NEW YORK

June 2015 0189-015-001

Prepared for:

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1.0 INTRODUCTION

Benchmark Environmental Engineering and Science, PLLC (Benchmark) in association with TurnKey Environmental Restoration, LLC (TurnKey) has prepared this Periodic Review Report (PRR), on behalf of DST Properties NY, LLC (DST) to summarize the post-remedial status of New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C905036, located in Olean, Cattaraugus County, New York (Site; see Figure 1), commonly referred to as the Scott Rotary Seals Site.

This PRR has been prepared for the Scott Rotary Seals Site in accordance with NYSDEC DER-10/*Technical Guidance for Site Investigation and Remediation* (May 3, 2010). The NYSDEC's Institutional and Engineering Controls (IC/EC) Certification Form has been completed for the Site (see Appendix A).

This PRR and the associated inspections form has been completed for the post-remedial activities at the Site for the period from June 1, 2014 to May 31, 2015.

1.1 Site Background

The Scott Rotary Seals Site encompasses approximately 2-acres of land which was redeveloped as an approximately 15,000-sf facility for the manufacture of rotating unions and rotary timing valves along with commercial office space in Olean, New York (see Figure 1). The Site was formerly a portion of a larger refinery and petroleum bulk storage facility commonly known as the former Socony-Vacuum facility situated in a heavily industrialized area of Olean. Figure 2 is an aerial view of the Site pre-remediation.

Grossly contaminated soils, stained soils and petroleum-like odors were observed site-wide during a Phase II Investigation completed by TurnKey in 2009. The Investigation also identified the presence of volatile organic compounds (VOC) tentatively identified compounds (TICs) and semi-volatile organic compounds (SVOC) TICs in soil, and acetone, sec-butylbenzene, and phenanthrene, in groundwater above NYSDEC GWQS. It was concluded that, based on visual/olfactory observations, PID measurements, and analytical results, significant site-wide petroleum-VOC and -SVOC impacts were evident, with grossly contaminated soils present in some areas, and that remediation was warranted. Groundwater was also impacted by Light Non-Aqueous Phase Liquids (LNAPL) on at least one occasion in monitoring wells MW-2, MW-4 and MW-6.

1.2 Remedial History

After acceptance into the New York State BCP in March 2010, an Interim Remedial Measures (IRM) Work Plan was prepared and subsequently approved by the NYSDEC. IRM activities were completed between March and May 2011 to address the removal of abandoned underground piping (and the contents thereof) and removal of four soil/fill/debris piles. A Remedial Action Work Plan (RAWP) was prepared and submitted by DST and was approved by the NYSDEC to address the residual soil and groundwater remediation. Remedial activities are described below in Section 2.0. The remedial program was successful in achieving the remedial objectives for the Site, and the Site Management Plan (SMP) and Final Engineering Report (FER) were approved by the Department in December 2012. The NYSDEC issued a COC for the Site on December 11, 2012.

1.3 Compliance and Recommendations

The site photo log is included in Appendix B. At the time of the Site inspection (June 23, 2014), the Site was fully compliant with the Department's approved SMP.

At the outset of the SVE system operation vapor-phase activated carbon was used to treat the effluent air from the SVE trailer. The effluent air concentrations dropped and odors were not evident over time. The NYSDEC was petitioned to terminate the usage of vapor-phase carbon which was granted by the NYSDEC in correspondence dated August 1, 2012.

The NYSDEC was petitioned in May 2013 to assess the discontinuation of operation of the SVE system as a significant reduction was observed in the mass removal rate and the mass removal rate was "leveling-off". The NYSDEC granted the request and as such the SVE discontinuation evaluation which included soil sampling and testing was undertaken and discussed in a letter report to the NYSDEC dated July 16, 2013. The split-spoon soil sampling from the four borings completed for the SVE discontinuation evaluation showed that the soil quality has greatly improved; gray staining has been reduced and the soils are predominantly yellowish-brown; odors are either absent or reduced from strong to slight; the VOC concentrations based on PID readings have been decreased by a minimum of 80% to over 90%; the soil analytical data show there are no exceedances of the Commercial Soil Clean-up Objectives (CSCOs); and the concentrations of contaminants have decreased

sharply in the SVE exhaust. Benchmark/TurnKey proposed that the SVE system be terminated; this request has not been approved. However, the Department has agreed to reduce SVE operations to limit them to the summer and fall months (June to December). The SVE system was down due to mechanical failure of a transfer pump for much of June 2015. The part was ordered and has been replaced. The SVE system was reactivated on June 19, 2015 and is currently active.

2.0 SITE OVERVIEW

The Scott Rotary Seals Site, located in the City of Olean, and identified as SBL 94.040-1-29.02, is an approximate 2-acre parcel bounded by Franklin Street to the north, railroad tracks to the south and east, and commercial and former industrial properties to the west (see Figures 1 and 2). The Site was historically a portion of a larger petroleum refinery and bulk petroleum storage and distribution facility formerly known as Socony.

Environmental site investigations were conducted by TurnKey prior to acceptance into the BCP which confirmed contamination of the Site's soil and groundwater.

DST Properties NY, LLC entered into a Brownfield Cleanup Agreement (BCA) with the NYSDEC in 2010 to remediate and redevelop the site as a rotary union and timing valve manufacturer and commercial office space. The remedial activities began in March 2011 and were completed in July 2012 and were done under an approved IRM Work Plan and the approved RAWP. The remedial activities included:

IRM

- Removed, cleaning and recycling of historic piping, collection of solid and liquid pipe contents, and off-site treatment/disposal for pipe contents;
- Excavation and off-site disposal of soil/fill/debris piles;

RAWP

- Removal of shallow grossly contaminated soil/fill;
- Extraction and treatment of soil/gas using a SVE system consisting of nine extraction wells, treatment of the recovered gas with carbon, prior to discharge to the atmosphere. Carbon usage was suspended as agreed upon with the NYSDEC (refer to Section 1.3 for further detail);
- Implementation of a Soil/Fill Management Plan (SFMP) during Site redevelopment;
- Implementation of LNAPL recovery including absorbent socks and a Petrotrap™ free product skimmer in selected wells;
- Installation of a vapor barrier and an active sub-slab depressurization (ASD) system beneath the newly constructed manufacturing and commercial office space;
- Semi-annual groundwater monitoring; and
- Placement of a soil cover system.

Remedial activities were completed in July 2012. The FER and SMP for the Site were approved by the Department in November 2012. The COC was issued for the Site on December 11, 2012.

3.0 SITE MANAGEMENT PLAN

A SMP was prepared for the Site, and approved by the Department in November 27, 2012. The SMP includes an Operation, Monitoring and Maintenance (OM&M) Plan, a Soil/Fill Management Plan (SFMP), and a copy of the Environmental Easements. A brief description of the components of the SMP is presented below.

3.1 Operation, Monitoring and Maintenance Plan

The OM&M Plan consists of four major components, including the Active Sub-slab Depressurization System (ASD); LNAPL Recovery System; the SVE system; and the Annual Inspection & Certification Program.

3.1.1 Active Sub-slab Depressurization System

An ASD system was installed within the newly constructed manufacturing and commercial office space building. As required by the Department-approved SMP, the ASD system must: (1) be operated continuously to maintain a negative pressure (below ambient atmospheric) under the floor slab; (2) be visually inspected periodically to verify proper operation; and (3) annually inspected and certified that the system is performing properly and remains an effective engineering control (EC).

During the annual Site Inspection, the inspector verified that the ASD system was operating properly, as indicated by the readings on the vacuum gauges. A summary of the ASD periodic inspection readings are included on Table 1 and in Appendix C.

3.1.2 LNAPL Recovery System

Previous investigations indicated sporadic evidence of LNAPL (i.e., product and/or sheen) in wells MW-2, MW-4 and MW-6, likely attributable to seasonal fluctuations in groundwater elevations, which is managed utilizing hydrocarbon absorbent socks and passive skimmer. Absorbent socks are installed in MW-2 and MW-4. The adsorbent socks are installed in the well at the LNAPL/water interface. During monthly inspections, socks that have obvious staining/saturation of LNAPL are removed and replaced with new socks. Used socks are containerized, labeled, characterized and will be properly disposed off-Site.

A free product passive skimmer (Petrotrap™) was installed in well MW-6 to address an apparent localized LNAPL layer in the area of well MW-6. There has been no significant

product recovered with the Petrotrap™ and as such, it has been replaced with an absorbent sock.

The components of the LNAPL recovery system are inspected during monthly site inspections. LNAPL inspection notes are provided on Table 2 and in Appendix D.

3.1.3 SVE System

Installation of the SVE system was completed in March 2012, including the installation of nine (9) SVE wells, associated conveyance piping, and placement of the trailer-mounted SVE system. SVE system emissions were controlled using two (2) 1,000-lb vapor-phase granulated active carbon (GAC) vessels plumbed in series[1]. SVE system monitoring is conducted on a minimum frequency of monthly throughout the operation period. SVE system monitoring includes: monitoring of mechanical system components for proper operation, vacuum monitoring at each SVE well and at the main intake; and, VOC vapor PID screening at each SVE well and between the GAC vessels. Detailed procedures for monitoring, operating and maintaining the SVE System are provided in the SMP. A summary of monitoring is provided on Table 3 and in Appendix E.

3.1.4 Groundwater Monitoring

Four groundwater monitoring events (May 10, 2013, December 6, 2013, July 18, 2014 and December 4, 2014) were completed at the Scott Rotary Seals Site that included sampling and analysis of groundwater collected from wells MW-1, MW-2, MW-3, MW-4, MW-5 and MW-6 using the procedures in the approved SMP. The groundwater samples indicate that that the groundwater does not contain any exceedances of the GWQS; VOC TICs have been significantly reduced post-remediation; and, there is a decreasing trend in the VOC TICs as groundwater traverses the Site. The likely source of the VOC TICs is upgradient of the site. On this basis, no further groundwater sampling is recommended. The results of the sampling and analysis are more fully discussed in Appendix F.

[1] The carbon canisters were removed as agreed to with the NYSDEC on August 1, 2012. Continuous SVE system operations have been reduced by agreement with the Department to summer through fall (June to December).

3.1.5 Annual Inspection and Certification Program

The Annual Inspection and Certification Program outlines the requirements for the Site, to certify and attest that the institutional controls and/or engineering controls employed at the Site are unchanged from the previous certification. The Annual Certification will primarily consist of an annual Site Inspection to complete the NYSDEC's IC/EC Certification Form. The Site inspection will verify that the IC/ECs:

- Are in place and effective.
- Are performing as designed.
- That nothing has occurred that would impair the ability of the controls to protect the public health and environment.
- That nothing has occurred that would constitute a violation or failure to comply with any operation and maintenance plan for such controls.
- Access is available to the Site to evaluate continued maintenance of such controls.

A Site inspection of the property was conducted by a Benchmark Scientist who meets the requirements of a Qualified Environmental Professional (QEP) on May 29, 2015. At the time of the inspection, the property was being used as for the manufacture of rotary seals and unions (Scott Rotary Seals) with surface parking and landscaped areas. No observable indication of intrusive activities was noted during the Site inspection. Scott Rotary Seals utilizes the local municipal water supply, and no observable use of groundwater was noted during the Site inspection.

The completed Site Management Periodic Review Report Notice – Institutional and Engineering Controls Certification Form is included in Appendix A. A photolog of the Site inspection is included in Appendix B.

3.2 Soil/Fill Management Plan

A SFMP was included in the approved-SMP for the Site. The SFMP provides guidelines for the management of soil and fill material during any future intrusive actives.

No intrusive activities requiring management of on-Site soil or fill material; or the placement of backfill materials occurred during the monitoring period.

3.3 Engineering and Institutional Control Requirements and Compliance

As detailed in the Environmental Easements, several IC/ECs need to be maintained as a requirement of the BCAs for the Site.

3.3.1 Institutional Controls

- Groundwater-Use Restriction – the use of groundwater for potable and non-potable purposes is prohibited; and
- Land-Use Restriction: The controlled property may be used for commercial and/or industrial use; and
- Implementation of the SMP including the OM&M Plan and SFMP.

3.3.2 Engineering Controls

- Vapor Mitigation – ASD System has been operated continuously and properly maintained.
- SVE System – SVE system has been operated and monitored nearly continuously since installation (March 2012). Per the Department's approval, the SVE system operations have been reduced to summer and fall months (June to December).
- LNAPL Recovery/Monitoring – LNAPL recovery and monitoring has been done monthly.
- Cover System – The cover system, including building foundations, concrete sidewalks, asphalt and gravel driveways and parking areas, and landscaped vegetated areas are all being maintained in compliance with the SMP.

At the time of the site inspection, the Site was fully compliant with all institutional control requirements and compliant with engineering controls as discussed above.

4.0 CONCLUSIONS AND RECOMMENDATIONS

- At the time of the Site inspection, the Site was in compliance with the SMP. Specifically, the Site is fully compliant with the Institutional Controls including land-use restrictions, groundwater-use restrictions, and the soil/fill management plan component; and fully compliant with the Engineering Controls (continuous operation of the ASD system, monthly LNAPL monitoring, and SVE system operations). The cover system is compliant with the Cover System Engineering Control.
- Long-term groundwater monitoring is recommended to be terminated.

5.0 DECLARATION/LIMITATION

Benchmark Environmental Engineering and Science, PLLC, personnel conducted the annual site inspections for Brownfield Cleanup Program Site No. C905036, Olean, New York, according to generally accepted practices. This report complied with the scope of work provided to DST Properties NY, LLC by Benchmark Environmental Engineering and Science, PLLC and TurnKey Environmental Restoration, LLC.

This report has been prepared for the exclusive use of DST Properties NY, LLC. The contents of this report are limited to information available at the time of the site inspection. The findings herein may be relied upon only at the discretion of DST Properties NY, LLC. Use of or reliance upon this report or its findings by any other person or entity is prohibited without written permission of Benchmark Environmental Engineering and Science, PLLC and TurnKey Environmental Restoration, LLC.

TABLES

TABLES

TABLE 1
Scott Rotary Seals Site (C905036)
ASD System Inspection Log

Date	Time	Inspector's Initials	ASD-1 (in.WC)	ASD-2 (in.WC)	ASD-3 (in.WC)	ASD-4 (in.WC)	ASD-5 (in.WC)	ASD-6 (in.WC)	ASD-7 (in.WC)
7/10/14	8:00	PWW	2.4	1.75	1.85	2.0	1.25	1.6	1.5
8/4/14	10:30	PWW	2.4	1.75	1.85	2.0	1.35	1.6	1.5
9/22/14	12:45	PWW	2.3	1.75	1.95	2.0	1.35	1.6	1.5
10/9/14	12:00	PWW	2.3	1.75	1.95	2.0	1.35	1.6	1.5
11/3/14	10:30	PWW	2.3	1.75	1.95	2.0	1.35	1.6	1.5
12/4/14	16:00	PWW	2.2	1.75	1.9	2.0	1.3	1.6	1.5
1/6/15	16:00	PWW	2.3	1.75	1.9	2.0	1.3	1.6	1.5
2/23/15	13:25	PWW	2.3	1.75	1.9	2.0	1.3	1.6	1.5
3/12/15	10:22	ML	2.3	1.75	1.85	2.0	1.3	1.6	1.5
4/15/15	12:37	ML	2.2	1.75	1.85	2.0	1.3	1.6	1.5
5/29/15	12:30	PWW	2.2	1.75	1.85	2.0	1.3	1.6	1.5

Notes:

Date	
8/4/14	ASD-1 Fan has bad bearing, but is still operational. Order replacement fan.
8/22/14	ASD-1 Fan replaced by Mitigation Tech.

TABLE 2
Scott Rotary Seals Site (C905036)

LNAPL System Inspection Log

Date	Time	Inspector's Initials	MW-2				MW-4				MW-6			
			Product Present? (Y / N)	Product Depth (fbTOR)	Water Level (fbTOR)	Change Absorbent Sock? (Y / N)	Product Present? (Y / N)	Product Depth (fbTOR)	Water Level (fbTOR)	Change Absorbent Sock? (Y / N)	Product Present? (Y / N)	Product Depth (fbTOR)	Water Level (fbTOR)	Change Absorbent Sock? (Y / N)
7/10/2014	8:20	PWW	N	NP	15.14	N	N	NP	12.54	N	N	NP	17.98	N
8/4/2014	11:30	PWW	N	NP	15.64	N	N	NP	13.05	N	N	NP	18.46	N
9/22/2014	11:00	PWW	N	NP	15.79	N	N	NP	13.21	N	N	NP	18.51	N
10/9/2014	12:00	PWW	N	NP	15.82	N	N	NP	13.26	N	N	NP	18.62	N
11/3/2014	9:30	PWW	N	NP	17.73	N	N	NP	15.24	N	N	NP	20.09	N
12/4/2014	12:30	PWW	N	NP	17.89	N	N	NP	14.73	N	N	NP	19.41	N
1/6/2015	12:00	PWW	N	NP	17.34	N	N	NP	14.75	N	N	NP	19.44	N
2/23/2015	13:00	PWW	SEE NOTE 2											
3/12/2015	10:30	ML	N	NP	17.71	N	N	NP	15.14	N	N	NP	19.54	N
4/15/2015	13:30	ML	N	NP	14.3	N	N	NP	11.73	N	N	NP	16.92	N
5/29/2015	12:00	PWW	N	NP	14.62	N	N	NP	12.01	N	N	NP	17.01	N

NP= Not present

Notes:

Date	
7/12/2013	1) Replace oil skimmer at MW-6 with absorbent sock.
2/23/2015	2) Wells inaccessible due to ice.

TABLE 3
SVE System Inspection Log
Scott Rotary Seals Site
Olean, New York

Date	Elapsed Time (days)	SVE Operation Time (days)	Time	Influent (Untreated) PID Reading (ppm)	Corrected Influent Concentration[1] (mg/m^3)	Air Flow Rate (SCFM)	Volume of Air Processed (CF/day)	Rate of VOC Removal (lb/day)	VOCs Removed Since Last Monitoring Period (lb)	Total VOC Removal to Date (lb)	Notes
3/14/12	0	0	3:45 PM	93	439	349	502560	13.8			
3/16/12	2	2	5:00 PM	230	1086	349	502560	34.1	49.1	49	
3/30/12	16	16	8:45 AM	298	1407	349	502560	44.1	534.0	583	
4/6/12	23	23	9:45 AM	286	1350	349	502560	42.4	304.5	888	
4/13/12	30	30	8:00 AM	294	1388	349	502560	43.5	297.5	1,185	
4/13/12	30	30	8:30 AM	73	345	349	502466	10.8	0.6	1,186	Valved down the intake air from the system
4/17/12	34	34	1:06 PM		0						System shut-down for 22 days pending carbon testing and change-out.
5/9/12	56	34	11:50 AM	118	557	351	504778	17.6		1,186	Restarted system
5/11/12	58	36	12:42 PM	222	1048	349	502551	32.9	52.7	1,238	Adjusted system to close off addition of outdoor air
5/15/12	62	40	11:00 AM	248	1171	346	497523	36.4	136.0	1,374	
5/21/12	68	46	9:00 AM	134	632	349	501872	19.8	166.2	1,541	
5/22/12	69	47	9:00 AM	135	637	347	499767	19.9	19.9	1,560	
5/30/12	77	55	4:00 PM	135	637	348	500437	19.9	165.0	1,725	Blower down. Based on hour meter, blower went down at ~4:00 PM on May 30.
5/30/12	77	55	5:10 PM	166	784	345	497358	24.3	0.0	1,725	
6/13/12	91	69	8:15 AM	166	784	345	497358	24.3	331.6	2,057	
6/14/12	92	70	8:10 AM	185	873	348	500690	27.3	25.7	2,083	
6/25/12	102	80	1:00 AM	185	873	348	500690	27.3	292.1	2,375	System Shut Down
6/25/12	103	80	4:00 PM	144	680	348	500690	21.2	0.0	2,375	System reactivated
7/31/12	139	116	2:23 PM	132	623	348	500690	19.5	731.7	3,107	
8/2/12	141	118	10:50 AM	141	666	352	506250	21.0	37.5	3,144	Carbon Removed, stack discharge
8/3/12	142	119	3:32 PM	141	666	348	500858	20.8	24.9	3,169	Power outage; system down; used previous measurments for calculations
8/6/12	145	119	9:53 AM	134	632	351	504796	19.9	0.0	3,169	System restarted
8/9/12	148	123	6:40 PM	134	632	352	507323	20.0	67.3	3,236	Power outage; system down; used previous measurments for calculations
8/10/12	149	123	2:10 PM	123	581	346	498682	18.1	0.0	3,236	
8/21/12	160	134	5:15 PM	139	656	348	501111	20.5	214.8	3,451	
8/21/12	160	134	6:40 PM	187	883	343	494073	27.2	1.4	3,452	Shut off extraction wells 2, 5, and 6
8/24/12	163	137	3:00 PM	199	939	346	497872	29.2	80.3	3,533	
8/25/12	164	138	3:26 PM	199	939	342	492661	28.9	29.6	3,562	System shut down
8/27/12	166	138	8:15 AM	180	850	342	492330	26.1	0.0	3,562	Reactivated
9/1/12	171	143	2:55 PM	180	850	344	495330	26.3	138.3	3,701	System Shut Down
9/4/12	174	143	8:20 AM	180	850	344	495162	26.3	0.0	3,701	Reactivated
9/7/12	176	146	2:00 PM	180	850	343	493656	26.2	69.6	3,770	
9/8/12	178	147	10:34 AM	505	2385	337	485537	72.3	70.9	3,841	Used data from 9/19/12 for mass removal calculations
9/10/12	180	149	8:25 AM	505	2385	332	477806	71.1	136.5	3,978	Used data from 9/19/12 for mass removal calculations
9/19/12	189	158	10:00 AM	505	2385	342	492661	73.4	655.5	4,633	
9/19/12	189	158	2:00 PM	400	1888	342	492661	58.1	11.0	4,644	Well 2 opened, 5 and 6 still off
9/25/12	194	164	4:25 PM	152	717	348	501026	22.4	218.1	4,862	System down; no time known
9/26/12	195	165	1:00 AM	400	1888	343	493823	58.2	42.0	4,904	Assumed extracted vapors returned to pre-shut down condition
10/12/12	212	181	12:00 PM	201	949	354	509630	30.2	727.5	5,632	
10/21/12	221	190	10:17 AM	201	949	354	509630	30.2	269.5	5,901	System shut-down due to high vac alarm; used data from 10/12/12 for mass calculations

TABLE 3
SVE System Inspection Log
Scott Rotary Seals Site
Olean, New York

Date	Elapsed Time (days)	SVE Operation Time (days)	Time	Influent (Untreated) PID Reading (ppm)	Corrected Influent Concentration[1] (mg/m^3)	Air Flow Rate (SCFM)	Volume of Air Processed (CF/day)	Rate of VOC Removal (lb/day)	VOCs Removed Since Last Monitoring Period (lb)	Total VOC Removal to Date (lb)	Notes
11/14/12	245	190	3:30 PM	162	765	365	524977	25.1	0.0	5,901	System repair to well SVE-2 (cracked pipe); used PID reading from 11/29/12 as PID malfunctioned
11/29/12	260	205	10:00 AM	162	765	365	524977	25.1	370.2	6,271	SVE Wells 1, 7, 8 & 9 on; all other wells valved off
11/29/12	260	205	12:50 PM	333	1572	365	524977	51.5	4.5	6,276	
12/4/12	265	210	12:50 PM	358	1690	365	524977	55.4	267.3	6,543	
12/19/12	280	225	4:00 PM	115	543	365	524977	17.8	554.4	7,098	
12/21/12	282	227	3:00 PM	240	1133	365	524977	37.1	53.2	7,151	
1/21/13	313	258	12:18 PM	51.2	242	365	524977	7.9	695.8	7,847	
1/30/13	322	267	2:30 PM	97.4	460	365	524977	15.1	104.5	7,951	
2/6/13	329	274	11:00 AM	91.2	430	365	524977	14.1	100.0	8,051	
2/20/13	343	288	11:00 AM	37.5	177	365	524977	5.8	139.4	8,191	
2/27/13	350	295	12:00 PM	35	165	365	524977	5.4	39.5	8,230	All wells valved open except SVE-2
3/13/13	364	309	11:00 AM	32	151	365	524977	5.0	72.4	8,302	
3/29/13	380	325	2:00 PM	59	278	354	509630	8.9	111.3	8,414	
4/12/13	394	339	12:00 PM	50	236	365	524977	7.7	115.5	8,529	
4/25/13	407	352	8:40 AM	45	212	377	543571	7.2	96.1	8,625	
5/8/13	420	365	3:00 PM	45	212	380	547217	7.3	95.9	8,721	Blower motor failed; tried to restart on 5/10/13; unsuccessful. Used readings from 4/25/13 for mass calculations
5/10/13	422	367	10:00 AM		0				0.0	8,721	
7/12/13	485	367	4:00 PM	121.1	572	320	460635	16.4	0.0	8,721	Ordered new blower and drive for blower. System restarted on 7/12/13. Wells 1, 3, 7, 8, 9, on.
7/17/13	490	372	10:30 AM	150.4	710	348	501787	22.2	92.3	8,813	
8/7/13	511	393	10:00 AM	162.2	766	348	501787	24.0	484.9	9,298	System down, assume system off from 8/7 to 9/10.
9/10/13	545	393	2:00 PM	162.2	766	348	501787	24.0	0.0	9,298	Restart system
9/23/13	558	405	8:45 AM	325.3	1535	343	493823	47.3	455.8	9,754	Condensate tank shut down system each month, drained condensate tank upon arrival and restarted system. Mass removal assumes 1 week of down time per month between September and January. PID readings were recorded after system restart.
9/23/13	558	405	9:50 AM	365	1723	320	460635	49.6	2.2	9,756	
10/11/13	576	417	1:00 PM	290	1369	320	460635	39.4	494.9	10,251	
10/18/13	583	424	11:00 AM	327	1543	254	365058	35.2	257.8	10,509	
11/7/13	603	437	12:00 PM	260	1227	246	354114	27.1	406.3	10,916	
12/6/13	632	459	11:00 AM	181	854	246	354114	18.9	505.3	11,421	
12/10/13	636	463	3:00 PM		0				0.0	11,421	System shut down
1/10/14	667	464	10:30 AM	153	722	238	342828	15.5	6.3	11,427	System reactivated
1/24/14	681	477	8:30 AM	74.5	352	354	509630	11.2	185.4	11,613	
1/30/14	687	483	9:10 AM		0				0.0	11,613	Frozen pipes, system down from 1/31/14 to 4/18/14
4/18/14	765	483	5:20 PM	43.9	207	230	331162	4.3	0.0	11,613	Restart system
4/25/14	772	490	2:20 PM	45.45	215	230	331162	4.4	30.0	11,642	No PID reading made, assumed average of readings before and after

TABLE 3
SVE System Inspection Log
Scott Rotary Seals Site
Olean, New York

Date	Elapsed Time (days)	SVE Operation Time (days)	Time	Influent (Untreated) PID Reading (ppm)	Corrected Influent Concentration[1] (mg/m^3)	Air Flow Rate (SCFM)	Volume of Air Processed (CF/day)	Rate of VOC Removal (lb/day)	VOCs Removed Since Last Monitoring Period (lb)	Total VOC Removal to Date (lb)	Notes
5/12/14	789	507	11:05 AM	47	222	230	331162	4.6	76.1	11,719	Wells-4, 5, 8 and 9 open, Wells, 1, 2, 3, 6, & 7 closed
5/14/14	791	509	9:30 AM	43.2	204	230	331162	4.2	8.5	11,727	
5/19/14	796	514	10:00 AM	41.6	196	230	331162	4.1	20.8	11,748	
6/6/14	814	532	12:00 PM	47.2	223	230	331162	4.6	78.4	11,826	
6/23/14	831	549	12:00 PM	47.4	224	230	331162	4.6	78.5	11,905	
7/10/14	848	566	7:00 AM	227.6	1074	261	375688	25.2	250.4	12,155	
7/18/14	856	574	12:00 PM	40	189	261	375688	4.4	121.6	12,277	
8/4/14	873	591	11:00 AM	66.7	315	261	375688	7.4	100.2	12,377	
8/17/14	886	604	9:00 AM	89.6	423	261	375688	9.9	111.8	12,489	
8/28/14	897	615	7:45 AM	89.6	423	261	375688	9.9	108.6	12,597	System down to power loss, restarted. Used previous PID reading for estimating mass withdrawl.
9/22/14	922	640	11:00 AM	142	670	261	375688	15.7	322.3	12,920	
10/8/14	937	656	11:00 AM	153	722	246	354114	16.0	246.3	13,166	
10/9/14	938	657	10:00 AM	150	708	246	354114	15.7	15.8	13,182	
10/13/14	942	661									System shut-down and demobilized.
5/29/15	1170	661									System remobilized, temporary power restored, system activated, transfer pump malfunction.
6/19/15	1191	661	2:00 PM								Transfer pump part received and installed; system restarted.

Notes:

1. The estimated mass of contamination recovered is based on ratio of the sum of the gasoline and diesel range organics (GRO and DRO) as measured by a vapor sample collected with a summa canister to the contemporaneous PID reading. Sample from 3/16/12 had a concentration of GRO and DRO of 890 mg/cubic meter which equates to a 3.87 ratio to the PID reading; Sample from 5/22/12 had a concentration of GRO and DRO of 750 mg/cubic meter which equates to a 5.56 ratio to the PID reading; used the average of the ratios of 4.72.

FIGURES

F:\CAD\TurnKey\Scott Rotary Seals\PRR\2015\Figure 1; Site Location and Vicinity.dwg

FIGURE 1

N

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

PROJECT NO.: 0189-015-001

DATE: JUNE 2015

DRAFTED BY: RFL

SITE LOCATION AND VICINITY MAP

PERIODIC REVIEW REPORT

SCOTT ROTARY SEALS SITE

OLEAN, NEW YORK

PREPARED FOR

DST PROPERTIES NY, LLC

F:\CAD\TurnKey\Scott Rotary Seals\PRR\2015\Figure 2; Site Plan Pre-Remediation.dwg

Not to Scale

Property Boundary (Approximate)

Base Image per Bing Maps

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

PROJECT NO.: 0189-014-011

DATE: JUNE 2015

DRAFTED BY: RFL

SITE PLAN PRE-REMEDIATION

PERIODIC REVIEW REPORT

SCOTT ROTARY SEALS SITE

OLEAN, NEW YORK

PREPARED FOR

DST PROPERTIES NY, LLC

FIGURE 2

F:\CAD\TurnKey\Scott Rotary Seals\PRR\2015\Figure 3; Site Plan Post-Development Aerial.dwg

Not to Scale

Property Boundary (Approximate)

Base Image per Google Maps

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

PROJECT NO.: 0189-014-011

DATE: JUNE 2015

DRAFTED BY: RFL

SITE PLAN POST-REMEDIATION

PERIODIC REVIEW REPORT

SCOTT ROTARY SEALS SITE

OLEAN, NEW YORK

PREPARED FOR

DST PROPERTIES NY, LLC

FIGURE 3

APPENDIX A

INSTITUTIONAL & ENGINEERING CONTROLS CERTIFICATION FORM

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C905036

Site Name Scott Rotary Seals

Site Address: 301 Franklin Street Zip Code: 14760
City/Town: Olean
County: Cattaraugus
Site Acreage: 2.0

Reporting Period: ~~December 28, 2013~~ June 1, 2014 to May ~~02~~ 31, 2015

	YES	NO
1. Is the information above correct?	☐	☒
If NO, include handwritten above or on a separate sheet. [Note date revision]		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☒	☐
7. Are all ICs/ECs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C905036

Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
94.040-1-29.02	DST Properties NY, LLC	Ground Water Use Restriction Landuse Restriction Monitoring Plan Site Management Plan O&M Plan Soil Management Plan IC/EC Plan

The Environmental Easement filed on 08/15/2012 requires compliance with the approved Site Management Plan (SMP) dated November 2012. Controls required under the SMP include:

- Property may only be used for commercial or industrial uses. Lower uses (residential/restricted residential), farming and vegetable gardens prohibited.
- Groundwater use restriction.
- soil and hardscape cover system covering the entire surface of the site (approximately 2 acres)
- Active subslab depressurization system to mitigate potential vapor intrusion into the existing on-site building. Future on-site buildings require vapor intrusion assessment or mitigation.
- Continued operation of a soil vapor extraction system to remediate soil contaminated with petroleum related VOCs and SVOCs from 6 feet below ground surface to the water table.
- Groundwater treatment to remove LNAPL.
- Semi-annual groundwater monitoring.
- Monthly system monitoring. Annual site inspection and certifications.

Box4

Description of Engineering Controls

Parcel	Engineering Control
94.040-1-29.02	Vapor Mitigation Cover System Groundwater Treatment System Air Sparging/Soil Vapor Extraction

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C905036

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Crystal Wiech (print name) at 301 Franklin St., Olean, NY (print business address)

am certifying as Manager (Owner's Representative) (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Crystal Wiech
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

16 June 15
Date

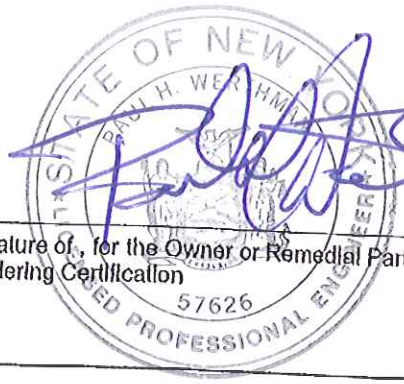
IC/EC CERTIFICATIONS

Signature Box 7

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I PAUL H. WERTHMAN at 2558 HAMBURG TURNPIKE, SUITE 300
print name print business address BUFFALO, NY 14218

am certifying as a for the SCOTT ROTARY SEALS
(Owner or Remedial Party)



Signature of, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

Date 6/29/15

APPENDIX B

SITE PHOTOGRAPHIC LOG

SITE PHOTOGRAPHS

Photo 1:
*

Photo 2:

Photo 3:

Photo 4:

Photo 1: Manometer gauge (1.5 inches WC indicated – Fan 7)

Photo 2: Photohelic gauge (2.0 inches WC indicated – Fan 4)

Photo 3: SVE Trailer (South of Building).

Photo 4: Scott Rotary Seals (SRS) Bldg. (looking southwest).

SITE PHOTOGRAPHS

Photo 5:

Photo 6:

Photo 7:

Photo 8:

Photo 5: Rear side (South) of SRS Building; (looking west).

Photo 6: East side detention basin (looking northeast).

Photo 7: East side of SRS Building.

Photo 8: West side of Site (looking south).

APPENDIX C

ASD PERIODIC INSPECTION LOGS

Scott Rotary Seals Site (C905036)
ASD System Inspection Log

Date	Time	Inspector's Initials	ASD-1 (in.WC)	ASD-2 (in.WC)	ASD-3 (in.WC)	ASD-4 (in.WC)	ASD-5 (in.WC)	ASD-6 (in.WC)	ASD-7 (in.WC)
4-25-14	930	PWW	2.4	1.60	1.80	1.9	1.25	1.6	1.5
5-12-14	930	JCT	2.4	1.60	1.85	2.0	1.25	1.6	1.5
6-6-14	1200	PWW	2.4	1.75	1.85	2.0	1.25	1.6	1.5
6-23-14	1100	PWW	2.4	1.75	1.85	2.0	1.25	1.6	1.5
7-10-14	800	PWW	2.4	1.75	1.85	2.0	1.25	1.6	1.5
8-4-14	1030	PWW	2.4	1.75	1.85	2.0	1.35	1.6	1.5
9-22-14	1245	PWW	2.3	1.75	1.95	2.0	1.35	1.6	1.5
10-9-14	1200	PWW	2.3	1.75	1.95	2.0	1.35	1.6	1.5
11-3-14	1030	PWW	2.3	1.75	1.95	2.0	1.35	1.6	1.5
12-4-14	1600	PWW	2.2	1.75	1.90	2.0	1.30	1.6	1.5
1-6-15	1600	PWW	2.3	1.75	1.90	2.0	1.30	1.6	1.5
2-23-15	1330	PWW	2.3	1.75	1.90	2.0	1.3	1.6	1.5
3/12/15	10:22	ML	2.3	1.75	1.85	2.0	1.3	1.6	1.5
4/6/15	12:37	ML	2.2	1.75	1.85	2.0	1.3	1.6	1.5
4/29/15	12:30	PWW	2.2	1.75	1.85	2.0	1.3	1.6	1.5

Notes:

Date	
5-12-14	TURNED OFF BREAKERS TO RADON FANS; VERIFIED THAT ALARM LIGHTS FUNCTION PROPERLY
8-4-14	ASD-1 bearing is messed up, need to order new fan
8-22-14	ASD-1 fan replaced by Mitigation tech
9-22-14	ON + OK
10-9-14	on + ok
11-3-14	On + OK
12-4-14	On + OK

1-6-15 ON + OK

2-~~23~~-15 ON + OK

3/12/15 on ; OK

4/15/15 on ; OK

APPENDIX D

LNAPL PERIODIC INSPECTION LOGS

Scott Rotary Seals Site (C905036)

LNAPL System Inspection Log

Date	Time	Inspector's Initials	MW-2				MW-4				MW-6			
			Product Present? (Y / N)	Product Depth (fbTOR)	Water Level (fbTOR)	Change Absorbent Sock? (Y / N)	Product Present? (Y / N)	Product Depth (fbTOR)	Water Level (fbTOR)	Change Absorbent Sock? (Y / N)	Product Present? (Y / N)	Skimmer Operational? (Y / N)	Product Depth (fbTOR)	Water Level (fbTOR)
4-25-14	1350	PWW	N	–	14.51	N	N	–	11.99	N	N	N	–	17.45
5-1-14	1100	SCT	N	–	14.39	N	N	–	11.84	N	N	N	–	17.31
6-5-14	1230	PWW	N	–	14.27	N	N	–	11.73	N	N	N	–	17.14
6-23-14	1030	PWW	N	–	14.24	N	N	–	11.70	N	N	N	–	17.12
7-10-14	820	PWW	N	–	15.14	N	N	–	12.54	N	N	N	–	17.98
8-4-14	1130	PWW	N	–	15.64	N	N	–	13.05	N	N	N	–	18.46
9-22-14	1100	PWW	N	–	15.79	N	N	–	13.21	N	N	N	–	18.51
10-7-14	1200	PWW	N	–	15.82	N	N	–	13.26	N	N	N	–	18.62
11-3-14	930	PWW	N	–	17.73	N	N	–	15.24	N	N	N	–	20.09
12-4-14	12:30	PWW	N	–	17.29	N	N	–	14.73	N	N	NA	–	19.41
1-6-15	1200	PWW	N	–	17.34	N	N	–	14.75	N	N	NA	–	19.44
2-23-15	1300	PWW	–	–	–	–	–	–	–	–	–	–	–	–
3/12/15	10:30	ML	N	–	17.71	N	N	–	15.14	N	N	NA	–	19.54
4/15/15	1:30	ML	N	–	14.30	N	N	–	11.73	N	N	NA	–	16.92
5/29/15	12:00	PWW	N	–	14.62	N	N	–	12.01	N	N	N/A	–	17.01

Notes:

Date	
	[redacted]
7-10-14	All socks are in good condition
9-22-14	All socks in good condition
10-7	All socks in good condition
11-1	Socks in good condition
12-4	Socks in good condition
1-6-15	Socks in good condition
2-23-15	All wells frozen, absorbent sock cages frozen and couldn't be removed.

3/12/15 Socks in good condition
4/15/15 Socks in good Condition

APPENDIX E

SVE PERIODIC INSPECTION LOGS

SCOTT ROTARY SEALS SITE (C905036)
SVE SYSTEM LOG
SHEET 1 OF 2

Date	Time	Inspector's Initials	System Running on Arrival? (Y or N)	~~Total System~~ HZ Time (hrs)	Amp Meter (Amps)	Intake Vacuum at Knockout (in. WC)	Air Flow Gauge (in.WC)	SCFM (use flow lookup table)	Pressure Gauge (exhaust) (in. WC)	Influent PID Reading (PPM)	Effluent PID Reading (PPM)	Greased Blower? (Y or N)	Condensate Water Present (Y or N)
6-23-14	12:00	PWW	Y	42	14.4	60	1.4	230	4	47.4	—	Y	N
6-30-14	800	BMG	N	42	14.7	60	1.8	~~626~~ 262	3			N	N
7-10-14	700	PWW	Y	42	14.7	60	1.8	~~626~~ 262	3.5	227.6	—	Y	N
8-4-14	1100	PWW	Y	42	14.7	62	1.8	~~626~~ 262	3	[redacted]	—	Y	N
										266.7			
8-15-14	1730	BMG	N	42	14.7	55	1.8	262	3	—	—	Y	N
8-17-14	900	PWW	Y	42	14.7	60	1.8	262	3	87.6	—	N	N
8-28-14	745	BMG	N	42		55	1.8	262	3	—	—	Y	N
9-22-14	1100	PWW	Y	42	14.7	60	1.8	262	3	14200	—	Y	N
10-8-14	1100	BMG	Y	42	15.0	65	1.6	247	3	153	—	Y	Y
10-9-14	1000	PWW	Y	42	15.0	65	1.6	247	3	150	—	N	Y

NOTES:

6-30-14 Restart system. System shut down 6-29-14 electric out due to storms
7-2-14 Restart system. System down due to power outage
7-10-14 On + ok
8-15-14 Restart system. E09 voltage loss.
8-17-14 ok
8-28-14 System down due to power loss on 8-28-14 @ 7AM
9-2-14 Restart system down due to power loss @ 8-31-14 @ 4AM
9-22-14 On + ok
10-8-14 Purged condinsate about 30 gallons
10-9-14 on and ok system being shut down 10-13-14 and taken to Unicorn site

APPENDIX F

GROUNDWATER MONITORING REPORT

(PROVIDED ELECTRONICALLY)

Groundwater Monitoring Scott Rotary Seals Site
2013 and 2014

Four groundwater monitoring events (May 10, 2013, December 6, 2013, July 18, 2014 and December 4, 2014) were completed at the Scott Rotary Seals Site that included sampling and analysis of groundwater collected from wells MW-1, MW-2, MW-3, MW-4, MW-5 and MW-6 using the procedures in the approved SMP. Groundwater samples from each of the sampled wells were analyzed for target compound list (TCL) volatile organic compounds (VOCs), Commissioner Policy (CP51) VOCs, and Tentatively Identified Compounds (TICs) using USEPA Method 8260C. Field notes from the groundwater sampling event are contained in Attachment 1 (of the electronic version). Groundwater elevations from 2009 through 2014 are summarized in Table 1 and groundwater flow direction is shown on Figure 3. Table 2 summarizes the analytical results from the four sampling events as well as historic groundwater monitoring events completed by TurnKey. Laboratory analytical packages for the sampling events are in Attachment 2 (of the electronic version).

Results

The groundwater elevations (Table 1) were contoured as shown on Figure 3 using the December 2014 water level data. Groundwater flow direction in the uppermost sand and gravel aquifer is toward the southeast (toward Olean Creek) and is consistent with the prior groundwater contour maps. As such, wells MW-1 and MW-5 are downgradient, and wells MW-4 and MW-6 are considered upgradient from a groundwater quality perspective.

Analytical results from the four semi-annual sampling events indicated that VOCs were not detected above NYSDEC Class GA groundwater quality standards (GWQS) as listed in NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1) in any of the groundwater samples except for a possible slight exceedance in well MW-4 from the December 6, 2013 sampling event for p/m-xylene (5.2 micrograms per liter, ug/l, as compared to the GWQS of 5.0 ug/l). However, p/m-xylene was also detected in each of the groundwater samples and the trip blank from the December 6, 2013 sampling event and it has not been detected in the wells prior to or after this event suggesting the probability of laboratory or field-induced sample contamination. Thus with the exception of this single anomaly, there have been no exceedances of the GWQS during the two-year post-closure period.

The temporal concentrations of VOC TICs are summarized on Table 2 and graphically shown on Figure 4. VOC TICs have decreased significantly from the pre-remediation results as compared to the post-remedial results. For example, total VOC TICs were reported at a concentration of 1,100 and 26,000 ug/l from sampling in June 2009 at wells MW-3 and MW-2, respectively. Total average VOC TIC results of groundwater sampling from the same wells between May 2013 and December 2014 were 93 ug/L (well MW-3) and 185 ug/L (well MW-2).

The VOC TICs show a decreasing trend as groundwater flow traverses through the Site based on the four semi-annual groundwater sampling events. The average VOC TIC concentrations in upgradient wells MW-4 and MW-6 range between 173 and 229 ug/L as compared to the VOC TIC range in downgradient wells MW-1 and MW-5, 22 and 96 ug/L. This suggests that the source of the VOC TICs is from upgradient source(s) and this is likely due to the Site having once been part of the larger refinery operations.

Conclusions

The results of VOC testing have been completed on a semi-annual basis for two years pursuant to the SMP. Results of the groundwater testing show: groundwater does not contain any exceedances of the GWQS; VOC TICs have been significantly reduced post-remediation; and, there is a decreasing trend in the VOC TICs as groundwater traverses the Site. The likely source of the VOC TICs is upgradient of the site. On this basis, no further groundwater sampling is recommended.

TABLES

TABLE 1

SUMMARY OF GROUNDWATER ELEVATIONS

SCOTT ROTARY SEALS SITE

OLEAN, NEW YORK

Location	Date	Grade	TOR Elevation (ft)	DTP (if present) (fbTOR)	DTW (fbTOR)	Product Thickness (feet)	Groundwater Elevation (ft)	Corrected Groundwater Elevation [1] (ft)
MW-1	6/29/09	1431.89	1435.04	--	27.58	--	1407.46	1407.46
	8/19/10	1431.89	1435.04	--	28.40	--	1406.64	1406.64
	10/26/10	1431.89	1435.04	--	29.01	--	1406.03	1406.03
	3/10/11	1431.89	1435.04	--	23.71	--	1411.33	1411.33
	5/10/13	1431.89	1432.60	--	23.57		1409.03	1409.03
	12/6/13	1431.89	1432.60	--	25.52		1407.08	1407.08
	7/18/14	1431.89	1432.60	--	23.32		1409.28	1409.28
	8/4/14	1431.89	1432.60	--	24.11		1408.49	1408.49
	12/4/14	1431.89	1432.60	--	25.29		1407.31	1407.31
MW-2	6/29/09	1425.84	1428.19	--	18.61	--	1409.58	1409.58
	8/19/10	1425.84	1428.19	--	19.51	--	1408.68	1408.68
	10/26/10	1425.84	1428.19	20.34	20.35	0.01	1407.84	1407.85
	3/10/11	1425.84	1428.19	--	15.28	--	1412.91	1412.91
	5/10/13	1425.84	1426.66	--	15.08	--	1411.58	1411.58
	12/6/13	1425.84	1426.66	--	17.37	--	1409.29	1409.29
	7/18/14	1425.84	1426.66	--	15.01	--	1411.65	1411.65
	8/4/14	1425.84	1426.66	--	15.64	--	1411.02	1411.02
	9/22/14	1425.84	1426.66	--	15.79	--	1410.87	1410.87
	12/4/14	1425.84	1426.66	--	17.29	--	1409.37	1409.37
MW-3	6/29/09	1426.24	1428.26	--	18.79	--	1409.47	1409.47
	8/19/10	1426.24	1428.26	--	19.52	--	1408.74	1408.74
	10/26/10	1426.24	1428.26	--	20.38	--	1407.88	1407.88
	3/10/11	1426.24	1428.26	--	15.31	--	1412.95	1412.95
	5/10/13	1426.24	1426.29	--	14.71	--	1411.58	1411.58
	12/6/13	1426.24	1426.29	--	17.00	--	1409.29	1409.29
	7/18/14	1426.24	1426.29	--	14.64	--	1411.65	1411.65
	8/4/14	1426.24	1426.29	--	15.27	--	1411.02	1411.02
	12/4/14	1426.24	1426.29	--	16.90	--	1409.39	1409.39

TABLE 1

SUMMARY OF GROUNDWATER ELEVATIONS

SCOTT ROTARY SEALS SITE

OLEAN, NEW YORK

Location	Date	Grade	TOR Elevation (ft)	DTP (if present) (fbTOR)	DTW (fbTOR)	Product Thickness (feet)	Groundwater Elevation (ft)	Corrected Groundwater Elevation [1] (ft)
MW-4	10/26/10	1425.85	1427.61	19.71	19.72	0.01	1407.89	1407.90
	3/10/11	1425.85	1427.61	--	14.69	--	1412.92	1412.92
	5/10/13	1425.85	1423.96	--	12.47	--	1411.49	1411.49
	12/6/13	1425.85	1423.96	--	14.79	--	1409.17	1409.17
	7/18/14	1425.85	1423.96	--	12.40	--	1411.56	1411.56
	8/4/14	1425.85	1423.96	--	13.05	--	1410.91	1410.91
	9/22/14	1425.85	1423.96	--	13.21	--	1410.75	1410.75
	12/4/14	1425.85	1423.96	--	14.73	--	1409.23	1409.23
MW-5	10/26/10	1430.78	1433.26	--	27.17	--	1406.09	1406.09
	3/10/11	1430.78	1433.26	--	21.91	--	1411.35	1411.35
	5/10/13	1430.78	1429.46	--	20.23	--	1409.23	1409.23
	12/6/13	1430.78	1429.46	--	22.17	--	1407.29	1407.29
	7/18/14	1430.78	1429.46	--	20.01	--	1409.45	1409.45
	8/4/14	1430.78	1429.46	--	20.82	--	1408.64	1408.64
	12/4/14	1430.78	1429.46	--	21.96	--	1407.50	1407.50
MW-6	10/26/10	1430.78	1434.02	27.80	28.68	0.88	1405.34	1406.04
	3/10/11	1430.78	1434.02	--	22.42	--	1411.60	1411.60
	5/10/13	1430.78	1429.92	--	17.91	--	1412.01	1412.01
	12/6/13	1430.78	1429.92	--	19.18	--	1410.74	1410.74
	7/18/14	1430.78	1429.92	--	17.86	--	1412.06	1412.06
	8/4/14	1430.78	1429.92	--	18.46	--	1411.46	1411.46
	9/22/14	1430.78	1429.92	--	18.51	--	1411.41	1411.41
	12/4/14	1430.78	1429.92	--	19.41	--	1410.51	1410.51
MW-7	3/10/11	1430.12	1432.97	--	21.37	--	1411.60	1411.60
	12/4/14	1430.12	1432.97	--	23.84	--	1409.13	1409.13
MW-8	3/10/11	1431.08	1434.01	--	20.59	--	1413.42	1413.42
	12/4/14	1431.08	1434.01	--	23.29	--	1410.72	1410.72

Notes:

1. Groundwater Elevation corrected for product level using assumed specific gravity of 0.80.
2. All elevations are feet relative to NAVD 1988.

TOR = Top of riser
DTP = Depth to product
DTW = Depth to water

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

SCOTT ROTARY SEALS SITE

OLEAN, NEW YORK

Parameter [1]	GWQS[2]	Sample Locations																							
		MW-1							MW-2							MW-3									
		6/29/09	8/19/10	10/28/10	5/10/13	12/6/13	7/18/14	12/4/14	6/29/09	8/19/10	10/28/10	5/10/13	12/6/13	7/18/14	12/4/14	6/29/09	8/19/10	10/28/10	5/10/13	12/6/13	12/6/13 [5]	7/18/14	7/18/14 [5]	12/4/14	12/4/14 [5]
Volatile Organic Compounds (VOCs) - ug/L																									
Acetone	**50**	ND	ND J	ND	14	ND	4.8 J	ND	**200 DJ**	ND J	ND	16	ND	3.7 J	ND	ND	ND J	ND	3.9 J	ND	ND	2.6 J	2.6 J	ND	ND
Benzene	**1**	ND	ND J	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	0.16 J	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	**50**	ND	ND J	ND	9.1	ND	ND	ND	ND	ND J	ND	35	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	**60**	27 D	ND J	ND	ND	ND	ND	ND	29 D	ND J	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	**5**	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	2.7 J	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	**5**	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND	1.6 J	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	**--**	ND	ND J	ND	ND	ND	ND	ND	ND	ND J	3 D	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	**3**	ND	ND J	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	**5**	ND	ND J	ND	ND	0.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	**--**	ND	ND J	ND	0.74 J	0.53 J	ND	ND	5,200	260 J	200 D	13 J	ND	ND	2.8 J	44 D	ND J	ND	ND	0.3 J	ND	ND	ND	ND	ND
Naphthalene	**10**	ND	NT	NT	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	1 J	ND	ND	ND
p/m-Xylene [4]	**5**	ND	ND J	ND	ND	2 JB	ND	ND	ND	ND	ND	ND	4.2 JB	ND	ND	ND	ND J	ND	ND	1.4 JB	1 JB	ND	ND	ND	ND
p-Cymene (p-isopropyltoluene)	**5**	ND	ND J	ND	ND	1.5 J	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND J	ND	ND	1.6 J	1.6 J	ND	ND	ND	ND
1,2,4-Trimethylbenzene	**5**	ND	ND J	ND	ND	0.74 J	ND	ND	ND	ND J	ND	ND	1.8 J	ND	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	**5**	ND	ND J	ND	ND	ND	ND	ND	**43 D**	ND J	ND	1.4 J	ND	1.7 J	1.6 J	ND	ND J	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	**5**	ND	1.7 J	1.4	0.81 J	1.5 J	0.96 J	1.1 J	ND	ND J	ND	1.6 J	ND	1.7 J	1.5 J	ND	ND J	ND	ND	1.6 J	1.6 J	ND	ND	1.5 J	1.5 J
Tentatively Identified Compounds (TICs)[3]	**--**	410 J	110 J	71.2 J	245.2 J	21.4 J	71 J	48 J	26000 J	800 J	461 J	192 J	74.8 J	313 J	160 J	1122 J	ND J	ND	198.8 J	31.9 J	50.6 J	82.3 J	261 J	59 J	73 J

Parameter [1]	GWQS[2]	Sample Locations																(Off-Site)	
		MW-4					MW-5						MW-6					MW-7	MW-8
		10/28/10	5/10/13	12/6/13	7/18/14	12/4/14	10/28/10	5/10/13	5/10/13 [5]	12/6/13	7/18/14	12/4/14	10/28/10	5/10/13	12/6/13	7/18/14	12/4/14	1/17/11	1/17/11
Volatile Organic Compounds (VOCs) - ug/L																			
Acetone	**50**	ND	11	ND	4.7 J	ND	3.2	17	12	ND	2.3 J	ND	ND	5.7	3.1 J	2.4 J	ND	6.3	ND
Benzene	**1**	ND	ND	ND	ND	0.16 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	**50**	ND	32	ND	ND	ND	ND	8.1	9.6	ND	ND	ND	ND	11	ND	ND	3.8 J	1.7	ND
Carbon disulfide	**60**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	**--**	3.9 DJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	**3**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	0.8 J	ND	ND	ND	1.1	0.98
Ethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	**--**	390 D	3.7 J	2.8 J	ND	ND	ND	1.6 J	1.8 J	1.6 J	ND	ND	7 D	1.3 J	0.92 J	ND	ND	71 D	6.2
Naphthalene	**10**	NT	ND	ND	ND	ND	NT	ND	ND	ND	1 J	ND	NT	ND	ND	ND	ND	NT	NT
p/m-Xylene [4]	**5**	ND	ND	**5.2 JB**	ND	ND	ND	ND	ND	1.2 JB	ND	ND	ND	ND	1.2 JB	ND	ND	ND	ND
p-Cymene (p-isopropyltoluene)	**5**	ND	ND	ND	ND	ND	ND	ND	ND	0.88 J	ND	ND	ND	ND	1.4 J	ND	ND	ND	ND
1,2,4-Trimethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.79 J	0.74 J	ND	ND	ND	ND
sec-Butylbenzene	**5**	3.2 DJ	0.87 J	ND	ND	1.2 J	ND	ND	ND	ND	ND	ND	2.2 D	1.1 J	0.79 J	0.73 J	ND	ND	ND
tert-Butylbenzene	**5**	ND	ND	ND	0.74 J	0.96 J	4.3	ND	ND	0.88 J	ND	ND	2.2	1.5 J	1.4 J	1.3 J	1.0 J	2.2	1.9
Tentatively Identified Compounds (TICs)[3]	**--**	645 J	278 J	43.2 J	261 J	110 J	314 J	37.9 J	47.6 J	8.8 J	20 J	20 J	192.3 J	201 J	51.2 J	514 J	150 J	226 J	346 J

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Part 703 Groundwater Quality Standards (GWQS).
3. Excludes TICs identified in the laboratory blank.
4. m/p-xylene detected in trip blank for December 6, 2013 sampling event.
5. Blind Dupllicate

Definitions:

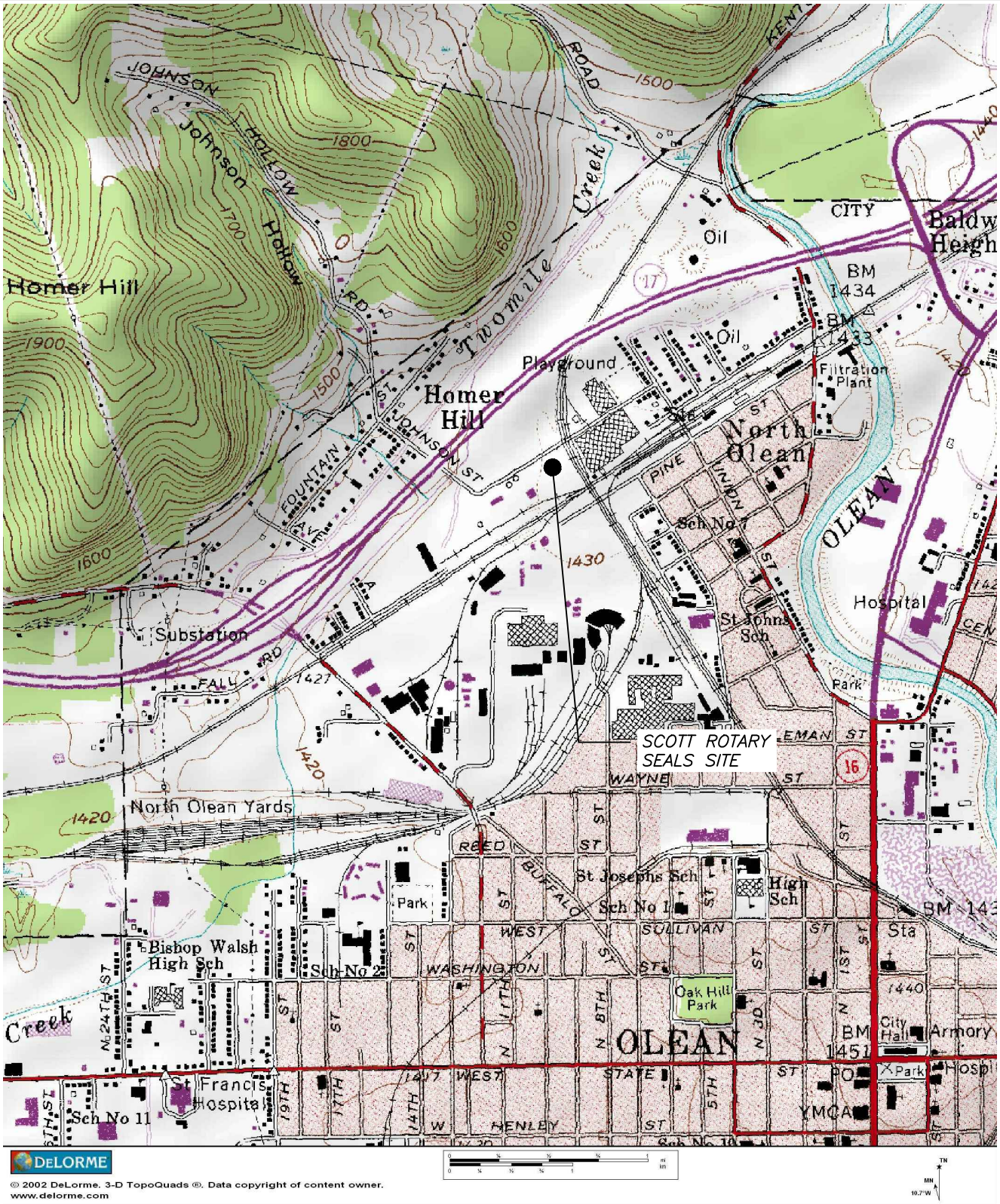
ND = Parameter not detected above laboratory detection limit. NT = Not tested
"--" = No Groundwater Standard
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
B = Parameter detected in blank.
D= All compounds were identified in an analyisis at the secondary dilution factor.
B = Analyte was detected in the associated blank as well as in the sample.
NT = Not Tested

BOLD = Sample result exceeds NYSDEC Groundwater Quality Standards.

FIGURES

F:\CAD\TurnKey\Scott Rotary Seals\Remedial Action Work Plan\RAWP Figures\Figure 1; Site Location and Vicinity.dwg

FIGURE 1



TurnKey Environmental Restoration, LLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

PROJECT NO.: 0189-015-001

DATE: FEBRUARY 2015

DRAFTED BY: RFL

SITE VICINITY AND LOCATION MAP

GROUNDWATER MONITORING REPORT

SCOTT ROTARY SEALS SITE

OLEAN, NEW YORK

PREPARED FOR

DST PROPERTIES NY, LLC

F:\CAD\TurnKey\Scott Rotary Seals\2014 GW Contours\Figure 2; Site Plan Post-Development Aerial.dwg

Not to Scale

Property Boundary (Approximate)

Base Image per Bing Maps

TurnKey Environmental Restoration, LLC

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

PROJECT NO.: 0189-015-001

DATE: FEBRUARY 2015

DRAFTED BY: RFL

SITE PLAN

GROUNDWATER MONITORING REPORT

SCOTT ROTARY SEALS SITE

OLEAN, NEW YORK

PREPARED FOR

DST PROPERTIES NY, LLC

FIGURE 2

F:\CAD\TurnKey\Scott Rotary Seals\2015 Groundwater Monitoring Report\Figure 3; Groundwater.dwg

LEGEND:

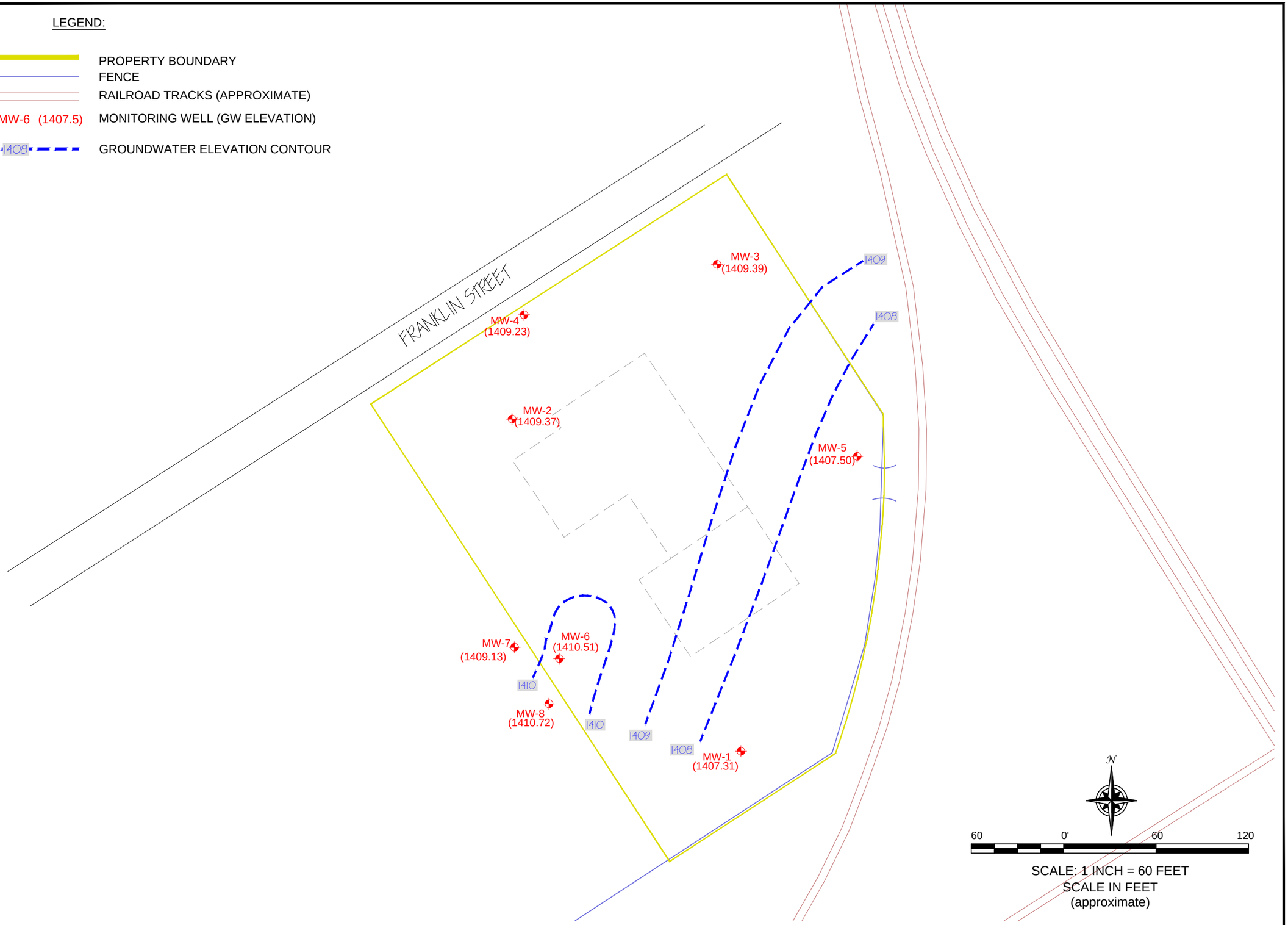
PROPERTY BOUNDARY

FENCE

RAILROAD TRACKS (APPROXIMATE)

MW-6 (1407.5) MONITORING WELL (GW ELEVATION)

1408 GROUNDWATER ELEVATION CONTOUR



SCALE: 1 INCH = 60 FEET
SCALE IN FEET
(approximate)

DATE: DECEMBER 2014
DRAFTED BY: RFL

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

TURNKEY ENVIRONMENTAL RESTORATION, LLC

JOB NO.: 0189-015-105

GROUNDWATER ELEVATION 12/4/14

GROUNDWATER MONITORING REPORT

SCOTT ROTARY SEALS SITE

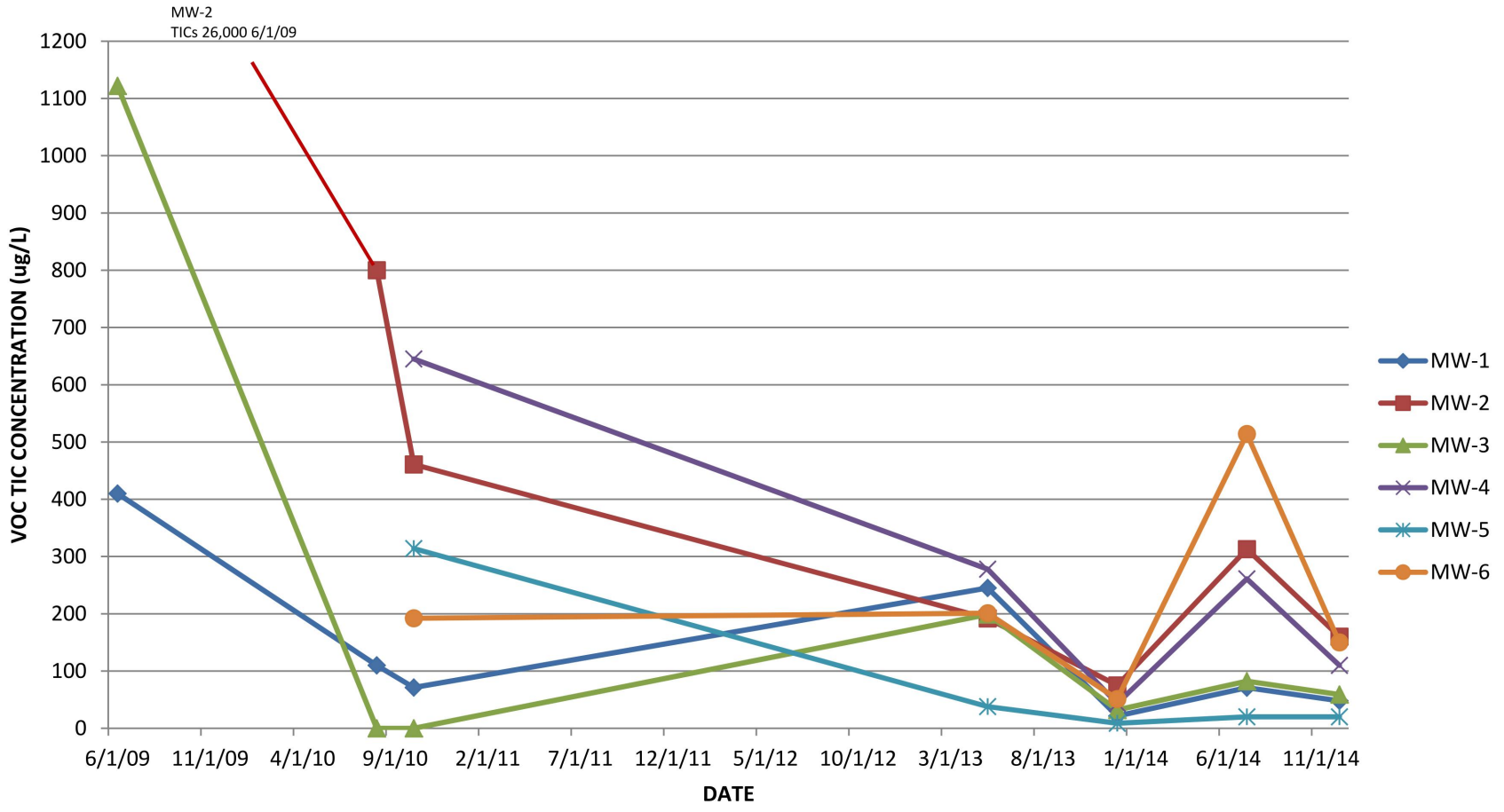
OLEAN, NEW YORK

PREPARED FOR

DST PROPERTIES NY, LLC

FIGURE 3

F:\CAD\TurnKey\Scott Rotary Seals\2015 Groundwater Monitoring Report\Figure 4; VOC TIC.dwg



NOTES: VOC = VOLATILE ORGANIC COMPOUND; TIC = TENTATIVELY IDENTIFIED COMPOUND. CONCENTRATION IN MICROGRAMS PER LITER (ug/L).

TURNKEY ENVIRONMENTAL RESTORATION, LLC

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

PROJECT NO.: 0189-015-001

DATE: FEBRUARY 2015

DRAFTED BY: RFL

GROUNDWATER SUMMARY OF VOC TICs

GROUNDWATER MONITORING REPORT

SCOTT ROTARY SEALS SITE

OLEAN, NEW YORK

PREPARED FOR

DST PROPERTIES NY, LLC

FIGURE 4

ATTACHMENT 1

LABORATORY ANALYTICAL DATA

ANALYTICAL REPORT

Lab Number:	L1308478
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Ray Laport
Phone:	(716) 856-0599
Project Name:	DST PROP
Project Number:	0189-013-001
Report Date:	06/20/14

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

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

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1308478-01	MW-1	301 FRANKLIN	05/10/13 12:15
L1308478-02	MW-2	301 FRANKLIN	05/10/13 15:42
L1308478-03	MW-3	301 FRANKLIN	05/10/13 13:15
L1308478-04	MW-4	301 FRANKLIN	05/10/13 14:06
L1308478-05	MW-5	301 FRANKLIN	05/10/13 12:48
L1308478-06	MW-6	301 FRANKLIN	05/10/13 14:32
L1308478-07	BLIND DUP	301 FRANKLIN	05/10/13 08:00
L1308478-08	TRIP BLANK	301 FRANKLIN	05/10/13 00:00

Project Name:	DST PROP	**Lab Number:**	L1308478
Project Number:	0189-013-001	**Report Date:**	06/20/14

Case Narrative

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

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

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

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

HOLD POLICY

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

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

Project Name:	DST PROP	**Lab Number:**	L1308478
Project Number:	0189-013-001	**Report Date:**	06/20/14

Case Narrative (continued)

Report Submission

This report replaces the report issued on May 17, 2013. The Volatile Organics analyte list has been amended. All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1308478-02 has elevated detection limits due to the dilution required by the sample matrix.

The WG608800-4/-5 MS/MSD recoveries, performed on L1308478-01, were outside the acceptance criteria for 1,1,2,2-Tetrachloroethane (MSD at 142%), Bromomethane (36%/37%), tert-butyl Alcohol (133%/140%), Styrene (37%/36%), 4-methyl-2-Pentanone (146%/137%), Naphthalene (134%/141%) and trans-1,4-Dichloro-2-butene (50%/54%)however, the associated LCS/LCSD recoveries were within overall method allowances.

The WG608800-4/-5 MS/MSD RPD, performed on L1308478-01, is above the acceptance criteria for 1,4-Dioxane (22%).

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

Authorized Signature: Lisa Westerlind

Title: Technical Director/Representative Date: 06/20/14

ORGANICS

VOLATILES

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-01
Client ID: MW-1
Sample Location: 301 FRANKLIN
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 05/16/13 20:22
Analyst: PD

Date Collected: 05/10/13 12:15
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-01
Client ID: MW-1
Sample Location: 301 FRANKLIN
Date Collected: 05/10/13 12:15
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	14		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	9.1		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	0.81	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.38	1
Cyclohexane	ND		ug/l	10	0.54	1
1,4-Dioxane	ND		ug/l	250	76.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	0.74	J	ug/l	10	0.63	1

Tentatively Identified Compounds				
Butane, 2,3-Dimethyl-	14	NJ	ug/l	1
Unknown Cycloaromatic	9.2	J	ug/l	1
Unknown	13	J	ug/l	1
Unknown	24	J	ug/l	1
Unknown	29	J	ug/l	1

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-01
Client ID: MW-1
Sample Location: 301 FRANKLIN
Date Collected: 05/10/13 12:15
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Benzene	22	J	ug/l			1
Unknown Benzene	24	J	ug/l			1
Unknown Cycloaromatic	19	J	ug/l			1
Unknown Benzene	24	J	ug/l			1
Unknown	67	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	101		70-130

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-02 D
Client ID: MW-2
Sample Location: 301 FRANKLIN
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 05/16/13 20:49
Analyst: PD

Date Collected: 05/10/13 15:42
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.33	2
1,2-Dichloropropane	ND		ug/l	2.0	0.59	2
Dibromochloromethane	ND		ug/l	1.0	0.38	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	ND		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	ND		ug/l	1.0	0.32	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.38	2
Benzene	ND		ug/l	1.0	0.39	2
Toluene	ND		ug/l	5.0	1.4	2
Ethylbenzene	ND		ug/l	5.0	1.4	2
Chloromethane	1.6	J	ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	ND		ug/l	2.0	0.66	2
Chloroethane	2.7	J	ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.36	2
trans-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
Trichloroethene	ND		ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl tert butyl ether	ND		ug/l	5.0	1.4	2

Project Name: DST PROP **Lab Number:** L1308478

Project Number: 0189-013-001 **Report Date:** 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-02 D Date Collected: 05/10/13 15:42

Client ID: MW-2 Date Received: 05/13/13

Sample Location: 301 FRANKLIN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	5.0	1.4	2
o-Xylene	ND		ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
Styrene	ND		ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	16		ug/l	10	2.0	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	35		ug/l	10	2.0	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
n-Butylbenzene	ND		ug/l	5.0	1.4	2
sec-Butylbenzene	1.4	J	ug/l	5.0	1.4	2
tert-Butylbenzene	1.6	J	ug/l	5.0	1.4	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Isopropylbenzene	ND		ug/l	5.0	1.4	2
p-Isopropyltoluene	ND		ug/l	5.0	1.4	2
Naphthalene	ND		ug/l	5.0	1.4	2
n-Propylbenzene	ND		ug/l	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,3,5-Trimethylbenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trimethylbenzene	ND		ug/l	5.0	1.4	2
Methyl Acetate	ND		ug/l	4.0	0.76	2
Cyclohexane	ND		ug/l	20	1.1	2
1,4-Dioxane	ND		ug/l	500	150	2
Freon-113	ND		ug/l	5.0	1.4	2
Methyl cyclohexane	13	J	ug/l	20	1.3	2

Tentatively Identified Compounds					
Unknown Cycloalkane	20	J	ug/l		2
Unknown Cycloalkane	17	J	ug/l		2
Unknown Cycloalkane	30	J	ug/l		2
Unknown Benzene	22	J	ug/l		2
Unknown Cycloaromatic	14	J	ug/l		2

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-02 D
Client ID: MW-2
Sample Location: 301 FRANKLIN
Date Collected: 05/10/13 15:42
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Cycloaromatic	31	J	ug/l			2
Unknown Benzene	15	J	ug/l			2
Unknown Naphthalene	16	J	ug/l			2
Unknown Naphthalene	15	J	ug/l			2
Unknown Naphthalene	12	J	ug/l			2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	103		70-130

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-03
Client ID: MW-3
Sample Location: 301 FRANKLIN
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 05/15/13 16:11
Analyst: PD

Date Collected: 05/10/13 13:15
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-03
Client ID: MW-3
Sample Location: 301 FRANKLIN
Date Collected: 05/10/13 13:15
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.9	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.38	1
Cyclohexane	ND		ug/l	10	0.54	1
1,4-Dioxane	ND		ug/l	250	76.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.63	1

Tentatively Identified Compounds						
Unknown	8.0	J	ug/l			1
Unknown	5.3	J	ug/l			1
Unknown	12	J	ug/l			1
Unknown	26	J	ug/l			1
Unknown	6.1	J	ug/l			1

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-03
Client ID: MW-3
Sample Location: 301 FRANKLIN
Date Collected: 05/10/13 13:15
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Cycloaromatic	36	J	ug/l			1
Unknown	9.4	J	ug/l			1
Unknown	11	J	ug/l			1
Unknown Naphthalene	33	J	ug/l			1
Unknown Cycloalkane	52	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	96		70-130

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-04
Client ID: MW-4
Sample Location: 301 FRANKLIN
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 05/15/13 16:38
Analyst: PD

Date Collected: 05/10/13 14:06
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-04
Client ID: MW-4
Sample Location: 301 FRANKLIN
Date Collected: 05/10/13 14:06
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	11		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	32		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	0.87	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.38	1
Cyclohexane	ND		ug/l	10	0.54	1
1,4-Dioxane	ND		ug/l	250	76.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	3.7	J	ug/l	10	0.63	1

Tentatively Identified Compounds				
Unknown Cycloalkane	30	J	ug/l	1
Unknown Cycloaromatic	30	J	ug/l	1
Unknown	19	J	ug/l	1
Unknown Benzene	14	J	ug/l	1
Unknown Alkane	22	J	ug/l	1

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-04
Client ID: MW-4
Sample Location: 301 FRANKLIN
Date Collected: 05/10/13 14:06
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown	59	J	ug/l			1
Unknown Cycloaromatic	22	J	ug/l			1
Unknown Naphthalene	20	J	ug/l			1
Unknown Naphthalene	40	J	ug/l			1
Unknown Benzene	22	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	98		70-130

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-05
Client ID: MW-5
Sample Location: 301 FRANKLIN
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 05/15/13 17:05
Analyst: PD

Date Collected: 05/10/13 12:48
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-05
Client ID: MW-5
Sample Location: 301 FRANKLIN
Date Collected: 05/10/13 12:48
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	17		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	8.1		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.38	1
Cyclohexane	ND		ug/l	10	0.54	1
1,4-Dioxane	ND		ug/l	250	76.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.6	J	ug/l	10	0.63	1

Tentatively Identified Compounds				
Unknown	8.9	J	ug/l	1
Butane, 2,3-Dimethyl-	3.1	NJ	ug/l	1
Pentane, 2,3-dimethyl-	4.2	NJ	ug/l	1
Cyclopentane, 1,2,4-trimethyl-	3.9	NJ	ug/l	1
Unknown Cycloalkane	5.4	J	ug/l	1

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-05
Client ID: MW-5
Sample Location: 301 FRANKLIN
Date Collected: 05/10/13 12:48
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Cycloalkane	1.7	J	ug/l			1
Unknown Cycloalkane	1.9	J	ug/l			1
Cyclohexane, 1,1,3-trimethyl-	1.7	NJ	ug/l			1
Unknown	3.5	J	ug/l			1
Unknown Cycloaromatic	3.6	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	100		70-130

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-06
Client ID: MW-6
Sample Location: 301 FRANKLIN
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 05/15/13 17:33
Analyst: PD

Date Collected: 05/10/13 14:32
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	0.80	J	ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-06
Client ID: MW-6
Sample Location: 301 FRANKLIN
Date Collected: 05/10/13 14:32
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.7		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	11		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	1.1	J	ug/l	2.5	0.70	1
tert-Butylbenzene	1.5	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	0.79	J	ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.38	1
Cyclohexane	ND		ug/l	10	0.54	1
1,4-Dioxane	ND		ug/l	250	76.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.3	J	ug/l	10	0.63	1

Tentatively Identified Compounds				
Unknown Cycloaromatic	14	J	ug/l	1
Unknown	22	J	ug/l	1
Unknown	13	J	ug/l	1
Unknown	21	J	ug/l	1
Unknown	14	J	ug/l	1

Project Name: DST PROP
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SAMPLE RESULTS

Lab ID: L1308478-06
Client ID: MW-6
Sample Location: 301 FRANKLIN
Date Collected: 05/10/13 14:32
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Naphthalene	17	J	ug/l			1
Unknown Naphthalene	44	J	ug/l			1
Unknown Cycloaromatic	15	J	ug/l			1
Unknown	17	J	ug/l			1
Unknown	24	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	101		70-130

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-07
Client ID: BLIND DUP
Sample Location: 301 FRANKLIN
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 05/15/13 18:00
Analyst: PD

Date Collected: 05/10/13 08:00
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-07
Client ID: BLIND DUP
Sample Location: 301 FRANKLIN
Date Collected: 05/10/13 08:00
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	12		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	9.6		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.38	1
Cyclohexane	ND		ug/l	10	0.54	1
1,4-Dioxane	ND		ug/l	250	76.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.8	J	ug/l	10	0.63	1

Tentatively Identified Compounds				
Unknown	7.0	J	ug/l	1
Unknown	11	J	ug/l	1
Butane, 2,3-Dimethyl-	3.7	NJ	ug/l	1
Pentane, 2,3-dimethyl-	4.8	NJ	ug/l	1
Unknown Cycloalkane	4.3	J	ug/l	1

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-07
Client ID: BLIND DUP
Sample Location: 301 FRANKLIN
Date Collected: 05/10/13 08:00
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Cycloalkane	5.7	J	ug/l			1
Unknown Cycloalkane	2.1	J	ug/l			1
Unknown Cycloaromatic	3.3	J	ug/l			1
Unknown	2.7	J	ug/l			1
Unknown	3.0	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	97		70-130

Project Name: DST PROP
Project Number: 0189-013-001
Lab Number: L1308478
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-08
Client ID: TRIP BLANK
Sample Location: 301 FRANKLIN
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 05/15/13 15:43
Analyst: PD

Date Collected: 05/10/13 00:00
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: DST PROP
Lab Number: L1308478
Project Number: 0189-013-001
Report Date: 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-08
Client ID: TRIP BLANK
Sample Location: 301 FRANKLIN
Date Collected: 05/10/13 00:00
Date Received: 05/13/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.38	1
Cyclohexane	ND		ug/l	10	0.54	1
1,4-Dioxane	ND		ug/l	250	76.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.63	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Project Name: DST PROP **Lab Number:** L1308478

Project Number: 0189-013-001 **Report Date:** 06/20/14

SAMPLE RESULTS

Lab ID: L1308478-08 Date Collected: 05/10/13 00:00

Client ID: TRIP BLANK Date Received: 05/13/13

Sample Location: 301 FRANKLIN Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	97		70-130

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/15/13 10:14
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-08 Batch: WG608463-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.16
1,2-Dichloropropane	ND		ug/l	1.0	0.30
Dibromochloromethane	ND		ug/l	0.50	0.19
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.16
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19
Benzene	ND		ug/l	0.50	0.19
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.18
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/15/13 10:14
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-08 Batch: WG608463-3					
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.38
Cyclohexane	ND		ug/l	10	0.54
1,4-Dioxane	ND		ug/l	250	76.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.63

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/15/13 10:14
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-08 Batch: WG608463-3					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	97		70-130

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/16/13 12:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG608800-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.16
1,2-Dichloropropane	ND		ug/l	1.0	0.30
Dibromochloromethane	ND		ug/l	0.50	0.19
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.16
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19
Benzene	ND		ug/l	0.50	0.19
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.18
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/16/13 12:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG608800-3					
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.38
Cyclohexane	ND		ug/l	10	0.54
1,4-Dioxane	ND		ug/l	250	76.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.63

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/16/13 12:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG608800-3					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-08 Batch: WG608463-1 WG608463-2								
Methylene chloride	106		103		70-130	3		20
1,1-Dichloroethane	107		106		70-130	1		20
Chloroform	106		103		70-130	3		20
2-Chloroethylvinyl ether	94		95		70-130	1		20
Carbon tetrachloride	94		90		63-132	4		20
1,2-Dichloropropane	112		110		70-130	2		20
Dibromochloromethane	91		91		63-130	0		20
1,1,2-Trichloroethane	108		110		70-130	2		20
Tetrachloroethene	82		80		70-130	2		20
Chlorobenzene	98		100		75-130	2		20
Trichlorofluoromethane	116		113		62-150	3		20
1,2-Dichloroethane	106		104		70-130	2		20
1,1,1-Trichloroethane	98		97		67-130	1		20
Bromodichloromethane	102		101		67-130	1		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	104		102		70-130	2		20
1,1-Dichloropropene	106		103		70-130	3		20
Bromoform	81		85		54-136	5		20
1,1,2,2-Tetrachloroethane	122		121		67-130	1		20
Benzene	107		104		70-130	3		20
Toluene	102		101		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-08 Batch: WG608463-1 WG608463-2								
Ethylbenzene	101		100		70-130	1		20
Chloromethane	93		98		64-130	5		20
Bromomethane	54		57		39-139	5		20
Vinyl chloride	105		102		55-140	3		20
Chloroethane	129		123		55-138	5		20
1,1-Dichloroethene	97		92		61-145	5		20
trans-1,2-Dichloroethene	101		97		70-130	4		20
Trichloroethene	101		98		70-130	3		20
1,2-Dichlorobenzene	101		100		70-130	1		20
1,3-Dichlorobenzene	100		97		70-130	3		20
1,4-Dichlorobenzene	100		99		70-130	1		20
Methyl tert butyl ether	98		100		63-130	2		20
p/m-Xylene	97		97		70-130	0		20
o-Xylene	98		98		70-130	0		20
cis-1,2-Dichloroethene	103		101		70-130	2		20
Dibromomethane	105		103		70-130	2		20
1,2,3-Trichloropropane	108		110		64-130	2		20
Acrylonitrile	109		114		70-130	4		20
Isopropyl Ether	107		107		70-130	0		20
tert-Butyl Alcohol	105		106		70-130	1		20
Styrene	99		97		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-08 Batch: WG608463-1 WG608463-2								
Dichlorodifluoromethane	99		96		36-147	3		20
Acetone	129		121		58-148	6		20
Carbon disulfide	100		97		51-130	3		20
2-Butanone	125		118		63-138	6		20
Vinyl acetate	110		111		70-130	1		20
4-Methyl-2-pentanone	104		105		59-130	1		20
2-Hexanone	104		101		57-130	3		20
Bromochloromethane	95		95		70-130	0		20
2,2-Dichloropropane	99		97		63-133	2		20
1,2-Dibromoethane	101		103		70-130	2		20
1,3-Dichloropropane	109		110		70-130	1		20
1,1,1,2-Tetrachloroethane	91		92		64-130	1		20
Bromobenzene	92		95		70-130	3		20
n-Butylbenzene	112		108		53-136	4		20
sec-Butylbenzene	105		104		70-130	1		20
tert-Butylbenzene	102		100		70-130	2		20
o-Chlorotoluene	109		108		70-130	1		20
p-Chlorotoluene	109		106		70-130	3		20
1,2-Dibromo-3-chloropropane	109		110		41-144	1		20
Hexachlorobutadiene	86		83		63-130	4		20
Isopropylbenzene	104		102		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-08 Batch: WG608463-1 WG608463-2								
p-Isopropyltoluene	103		102		70-130	1		20
Naphthalene	105		105		70-130	0		20
n-Propylbenzene	109		107		69-130	2		20
1,2,3-Trichlorobenzene	94		97		70-130	3		20
1,2,4-Trichlorobenzene	93		92		70-130	1		20
1,3,5-Trimethylbenzene	103		102		64-130	1		20
1,2,4-Trimethylbenzene	103		102		70-130	1		20
Methyl Acetate	111		112		70-130	1		20
Ethyl Acetate	109		107		70-130	2		20
Cyclohexane	108		103		70-130	5		20
Ethyl-Tert-Butyl-Ether	102		102		70-130	0		20
Tertiary-Amyl Methyl Ether	99		100		66-130	1		20
1,4-Dioxane	130		124		56-162	5		20
Freon-113	97		93		70-130	4		20
1,4-Diethylbenzene	103		101		70-130	2		20
4-Ethyltoluene	104		102		70-130	2		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	107		111		59-134	4		20
trans-1,4-Dichloro-2-butene	95		96		70-130	1		20
Methyl cyclohexane	103		100		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-08 Batch: WG608463-1 WG608463-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		106		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	103		105		70-130
Dibromofluoromethane	97		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG608800-1 WG608800-2								
Methylene chloride	110		109		70-130	1		20
1,1-Dichloroethane	104		102		70-130	2		20
Chloroform	106		102		70-130	4		20
2-Chloroethylvinyl ether	85		84		70-130	1		20
Carbon tetrachloride	97		94		63-132	3		20
1,2-Dichloropropane	104		103		70-130	1		20
Dibromochloromethane	92		89		63-130	3		20
1,1,2-Trichloroethane	102		102		70-130	0		20
Tetrachloroethene	85		81		70-130	5		20
Chlorobenzene	97		97		75-130	0		20
Trichlorofluoromethane	116		112		62-150	4		20
1,2-Dichloroethane	102		102		70-130	0		20
1,1,1-Trichloroethane	100		98		67-130	2		20
Bromodichloromethane	102		98		67-130	4		20
trans-1,3-Dichloropropene	96		94		70-130	2		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	104		100		70-130	4		20
Bromoform	84		82		54-136	2		20
1,1,2,2-Tetrachloroethane	111		114		67-130	3		20
Benzene	105		102		70-130	3		20
Toluene	99		97		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG608800-1 WG608800-2								
Ethylbenzene	98		96		70-130	2		20
Chloromethane	87		79		64-130	10		20
Bromomethane	45		44		39-139	2		20
Vinyl chloride	100		94		55-140	6		20
Chloroethane	113		109		55-138	4		20
1,1-Dichloroethene	102		96		61-145	6		20
trans-1,2-Dichloroethene	102		100		70-130	2		20
Trichloroethene	100		98		70-130	2		20
1,2-Dichlorobenzene	100		98		70-130	2		20
1,3-Dichlorobenzene	99		98		70-130	1		20
1,4-Dichlorobenzene	100		98		70-130	2		20
Methyl tert butyl ether	100		98		63-130	2		20
p/m-Xylene	94		91		70-130	3		20
o-Xylene	94		92		70-130	2		20
cis-1,2-Dichloroethene	105		103		70-130	2		20
Dibromomethane	104		101		70-130	3		20
1,2,3-Trichloropropane	113		116		64-130	3		20
Acrylonitrile	102		102		70-130	0		20
Isopropyl Ether	102		101		70-130	1		20
tert-Butyl Alcohol	100		100		70-130	0		20
Styrene	94		92		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG608800-1 WG608800-2								
Dichlorodifluoromethane	84		81		36-147	4		20
Acetone	141		131		58-148	7		20
Carbon disulfide	100		96		51-130	4		20
2-Butanone	126		118		63-138	7		20
Vinyl acetate	101		102		70-130	1		20
4-Methyl-2-pentanone	93		92		59-130	1		20
2-Hexanone	100		98		57-130	2		20
Bromochloromethane	100		98		70-130	2		20
2,2-Dichloropropane	101		97		63-133	4		20
1,2-Dibromoethane	96		97		70-130	1		20
1,3-Dichloropropane	101		102		70-130	1		20
1,1,1,2-Tetrachloroethane	92		90		64-130	2		20
Bromobenzene	98		98		70-130	0		20
n-Butylbenzene	107		104		53-136	3		20
sec-Butylbenzene	104		102		70-130	2		20
tert-Butylbenzene	101		100		70-130	1		20
o-Chlorotoluene	107		106		70-130	1		20
p-Chlorotoluene	105		104		70-130	1		20
1,2-Dibromo-3-chloropropane	106		104		41-144	2		20
Hexachlorobutadiene	88		87		63-130	1		20
Isopropylbenzene	103		101		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG608800-1 WG608800-2								
p-Isopropyltoluene	101		99		70-130	2		20
Naphthalene	100		102		70-130	2		20
n-Propylbenzene	106		104		69-130	2		20
1,2,3-Trichlorobenzene	94		94		70-130	0		20
1,2,4-Trichlorobenzene	95		93		70-130	2		20
1,3,5-Trimethylbenzene	102		101		64-130	1		20
1,2,4-Trimethylbenzene	102		100		70-130	2		20
Methyl Acetate	101		103		70-130	2		20
Ethyl Acetate	99		100		70-130	1		20
Cyclohexane	97		94		70-130	3		20
Ethyl-Tert-Butyl-Ether	99		98		70-130	1		20
Tertiary-Amyl Methyl Ether	98		97		66-130	1		20
1,4-Dioxane	138		134		56-162	3		20
Freon-113	97		97		70-130	0		20
1,4-Diethylbenzene	100		99		70-130	1		20
4-Ethyltoluene	103		102		70-130	1		20
1,2,4,5-Tetramethylbenzene	99		98		70-130	1		20
Ethyl ether	102		112		59-134	9		20
trans-1,4-Dichloro-2-butene	89		88		70-130	1		20
Methyl cyclohexane	98		94		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DST PROP

Project Number: 0189-013-001

Lab Number: L1308478

Report Date: 06/20/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG608800-1 WG608800-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		102		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	106		105		70-130
Dibromofluoromethane	102		103		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG608800-4 WG608800-5 QC Sample: L1308478-01 Client ID: MW-1												
Methylene chloride	ND	10	11	112		12	120		70-130	9		20
1,1-Dichloroethane	ND	10	11	111		12	121		70-130	9		20
Chloroform	ND	10	11	111		12	122		70-130	9		20
Carbon tetrachloride	ND	10	9.2	92		11	108		63-132	18		20
1,2-Dichloropropane	ND	10	11	113		12	121		70-130	9		20
Dibromochloromethane	ND	10	8.4	84		9.1	91		63-130	8		20
1,1,2-Trichloroethane	ND	10	12	117		12	121		70-130	0		20
Tetrachloroethene	ND	10	8.3	83		9.4	94		70-130	12		20
Chlorobenzene	ND	10	9.9	99		11	108		75-130	11		20
Trichlorofluoromethane	ND	10	12	126		14	139		62-150	15		20
1,2-Dichloroethane	ND	10	11	109		12	118		70-130	9		20
1,1,1-Trichloroethane	ND	10	10	104		12	115		67-130	18		20
Bromodichloromethane	ND	10	10	100		11	112		67-130	10		20
trans-1,3-Dichloropropene	ND	10	8.2	82		8.9	89		70-130	8		20
cis-1,3-Dichloropropene	ND	10	8.6	86		9.6	96		70-130	11		20
1,1-Dichloropropene	ND	10	10	103		12	117		70-130	18		20
Bromoform	ND	10	7.0	70		7.7	77		54-136	10		20
1,1,2,2-Tetrachloroethane	ND	10	13	126		14	**142**	Q	67-130	7		20
Benzene	ND	10	11	108		12	120		70-130	9		20
Toluene	ND	10	9.7	97		11	107		70-130	13		20
Ethylbenzene	ND	10	9.8	98		11	108		70-130	12		20

Matrix Spike Analysis
Batch Quality Control

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG608800-4 WG608800-5 QC Sample: L1308478-01 Client ID: MW-1												
Chloromethane	ND	10	8.9	89		9.7	97		64-130	9		20
Bromomethane	ND	10	3.6	**36**	Q	3.7	**37**	Q	39-139	3		20
Vinyl chloride	ND	10	11	112		12	120		55-140	9		20
Chloroethane	ND	10	13	134		14	136		55-138	7		20
1,1-Dichloroethene	ND	10	10	100		11	106		61-145	10		20
trans-1,2-Dichloroethene	ND	10	10	105		12	115		70-130	18		20
Trichloroethene	ND	10	10	102		11	115		70-130	10		20
1,2-Dichlorobenzene	ND	10	10	101		11	111		70-130	10		20
1,3-Dichlorobenzene	ND	10	9.6	96		11	107		70-130	14		20
1,4-Dichlorobenzene	ND	10	10	100		11	109		70-130	10		20
Methyl tert butyl ether	ND	10	11	110		12	118		63-130	9		20
p/m-Xylene	ND	20	18	88		19	95		70-130	5		20
o-Xylene	ND	20	18	89		19	96		70-130	5		20
cis-1,2-Dichloroethene	ND	10	11	109		12	118		70-130	9		20
Dibromomethane	ND	10	11	112		12	119		70-130	9		20
1,2,3-Trichloropropane	ND	10	12	118		12	126		64-130	0		20
Acrylonitrile	ND	10	11	111		11	110		70-130	0		20
Isopropyl Ether	ND	10	11	109		12	118		70-130	9		20
tert-Butyl Alcohol	7.3J	50	66	**133**	Q	70	**140**	Q	70-130	6		20
Styrene	ND	20	7.3	**37**	Q	7.2	**36**	Q	70-130	1		20
Dichlorodifluoromethane	ND	10	8.8	88		9.9	99		36-147	12		20

Matrix Spike Analysis
Batch Quality Control

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG608800-4 WG608800-5 QC Sample: L1308478-01 Client ID: MW-1												
Acetone	14	10	23	86		25	114		58-148	8		20
Carbon disulfide	ND	10	7.6	76		8.5	85		51-130	11		20
2-Butanone	9.1	10	19	102		20	110		63-138	5		20
Vinyl acetate	ND	10	10	106		11	110		70-130	10		20
4-Methyl-2-pentanone	ND	10	14	**146**	Q	14	**137**	Q	59-130	0		20
2-Hexanone	ND	10	12	123		13	129		57-130	8		20
Bromochloromethane	ND	10	10	102		11	111		70-130	10		20
2,2-Dichloropropane	ND	10	7.3	73		8.0	80		63-133	9		20
1,2-Dibromoethane	ND	10	11	109		11	112		70-130	0		20
1,3-Dichloropropane	ND	10	11	112		12	118		70-130	9		20
1,1,1,2-Tetrachloroethane	ND	10	9.5	95		10	102		64-130	5		20
Bromobenzene	ND	10	9.4	94		10	105		70-130	6		20
n-Butylbenzene	ND	10	10	100		11	113		53-136	10		20
sec-Butylbenzene	ND	10	9.8	98		11	113		70-130	12		20
tert-Butylbenzene	0.81J	10	11	106		12	121		70-130	9		20
o-Chlorotoluene	ND	10	11	112		12	125		70-130	9		20
p-Chlorotoluene	ND	10	10	102		12	116		70-130	18		20
1,2-Dibromo-3-chloropropane	ND	10	11	113		13	126		41-144	17		20
Hexachlorobutadiene	ND	10	8.0	80		8.8	88		63-130	10		20
Isopropylbenzene	ND	10	9.9	99		11	113		70-130	11		20
p-Isopropyltoluene	ND	10	9.2	92		10	105		70-130	8		20

Matrix Spike Analysis
Batch Quality Control

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG608800-4 WG608800-5 QC Sample: L1308478-01 Client ID: MW-1												
Naphthalene	ND	10	13	**134**	Q	14	**141**	Q	70-130	7		20
n-Propylbenzene	ND	10	10	102		12	116		69-130	18		20
1,2,3-Trichlorobenzene	ND	10	10	104		11	114		70-130	10		20
1,2,4-Trichlorobenzene	ND	10	9.7	97		11	107		70-130	13		20
1,3,5-Trimethylbenzene	ND	10	7.9	79		8.5	85		64-130	7		20
1,2,4-Trimethylbenzene	ND	10	9.1	91		9.9	99		70-130	8		20
Methyl Acetate	ND	10	11	107		11	112		70-130	0		20
Ethyl Acetate	ND	10	12	117		12	122		70-130	0		20
Cyclohexane	ND	10	9.8J	98		12	115		70-130	20		20
Ethyl-Tert-Butyl-Ether	ND	10	11	106		12	117		70-130	9		20
Tertiary-Amyl Methyl Ether	ND	10	11	109		12	115		66-130	9		20
1,4-Dioxane	ND	1000	1200	121		1500	149		56-162	**22**	Q	20
Freon-113	ND	10	9.8	98		11	110		70-130	12		20
1,4-Diethylbenzene	ND	10	9.1	91		10	104		70-130	9		20
4-Ethyltoluene	ND	10	9.5	95		11	106		70-130	15		20
1,2,4,5-Tetramethylbenzene	ND	10	9.2	92		10	100		70-130	8		20
Ethyl ether	ND	10	13	126		12	125		59-134	8		20
trans-1,4-Dichloro-2-butene	ND	10	4.9	**50**	Q	5.4	**54**	Q	70-130	10		20
Methyl cyclohexane	0.74J	10	10	102		11	114		70-130	10		20

Matrix Spike Analysis
Batch Quality Control

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG608800-4 WG608800-5 QC Sample: L1308478-01 Client ID: MW-1

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		110		70-130
4-Bromofluorobenzene	106		107		70-130
Dibromofluoromethane	102		103		70-130
Toluene-d8	99		98		70-130

Project Name: DST PROP
Project Number: 0189-013-001

Lab Number: L1308478
Report Date: 06/20/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1308478-01A	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-01B	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-01C	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-01D	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-01E	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-01F	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-01G	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-01H	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-01I	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-02A	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-02B	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-02C	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-03A	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-03B	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-04A	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-04B	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-04C	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-05A	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-05B	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-06A	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-06B	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-06C	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-07A	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-07B	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1308478-08A	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	DST PROP	**Lab Number:**	L1308478
Project Number:	0189-013-001	**Report Date:**	06/20/14

GLOSSARY

Acronyms

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

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

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

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

Footnotes

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

Terms

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	DST PROP	**Lab Number:**	L1308478
Project Number:	0189-013-001	**Report Date:**	06/20/14

Data Qualifiers

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	DST PROP	**Lab Number:**	L1308478
Project Number:	0189-013-001	**Report Date:**	06/20/14

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

Last revised April 15, 2014

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

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

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

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

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

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

Serial_No:06201412:30

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd In Lab: 5/14/13

ALPHA Job #: L1309478

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Turnkey

Address: 2558 Hamburg Turnpike Buffalo NY 14218

Phone: (716) 856-0599

Fax: (716) 856-0583

Email:

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: DST Prop

Project Location: 301 Franklin

Project #: 0189-013-001

Project Manager: Ray Lapcart

ALPHA Quote #:

Turn-Around Time

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

Date Due: 5/20/13 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria
	CAT-B

Other Project Specific Requirements/Comments/Detection Limits:

CAT-B

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS 8260 TCL TICs	SAMPLE HANDLING	TOTAL # BOTTLES
0478.01	MW-1 (MS/MSD)	5-10-13	1215	GW	PWW	X		
.02	MW-2		1542			X		
.03	MW-3		1315			X		
.04	MW-4		1406			X		
.05	MW-5		1248			X		
.06	MW-6		1432			X		
.07	Blind Dup		800			X		
.08	Trip Blank		900			X		

SAMPLE HANDLING

Filtration

☐ Done ☐ Not needed ☐ Lab to do

Preservation

☐ Lab to do (Please specify below)

Sample Specific Comments

Container Type														
Preservative														

Relinquished By:	Date/Time	Received By:	Date/Time
	5-10-13 1700		5-13-13 1015
	5-13-13 1615		5-13-13 1615
	5-13 17:28		5-13-13 18:40
	5/13/13 2230		5/13/13 1120

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

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

0020

Richard Scott 5/14/13

ANALYTICAL REPORT

Lab Number:	L1324994
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Mike Lesakowski
Phone:	(716) 856-0599
Project Name:	301 FRANKLIN ST. SITE
Project Number:	0181-013-001
Report Date:	12/16/13

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

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

Project Name: 301 FRANKLIN ST. SITE
Project Number: 0181-013-001

Lab Number: L1324994
Report Date: 12/16/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1324994-01	MW-1	301 FRANKLIN ST.	12/06/13 12:59
L1324994-02	MW-2	301 FRANKLIN ST.	12/06/13 14:59
L1324994-03	MW-3	301 FRANKLIN ST.	12/06/13 13:40
L1324994-04	MW-4	301 FRANKLIN ST.	12/06/13 14:25
L1324994-05	MW-5	301 FRANKLIN ST.	12/06/13 11:43
L1324994-06	MW-6	301 FRANKLIN ST.	12/06/13 15:36
L1324994-07	BLIND DUP	301 FRANKLIN ST.	12/06/13 08:00
L1324994-08	TRIP BLANK	301 FRANKLIN ST.	12/06/13 00:00

Project Name:	301 FRANKLIN ST. SITE	**Lab Number:**	L1324994
Project Number:	0181-013-001	**Report Date:**	12/16/13

Case Narrative

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

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

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

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

HOLD POLICY

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

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

Project Name:	301 FRANKLIN ST. SITE	**Lab Number:**	L1324994
Project Number:	0181-013-001	**Report Date:**	12/16/13

Case Narrative (continued)

Report Submission

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

Volatile Organics

L1324994-02 and -04 have elevated detection limits due to the dilutions required by the sample matrices.

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

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 12/16/13

ORGANICS

VOLATILES

Project Name: 301 FRANKLIN ST. SITE
Project Number: 0181-013-001
Lab Number: L1324994
Report Date: 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-01
Client ID: MW-1
Sample Location: 301 FRANKLIN ST.
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/16/13 13:27
Analyst: PD

Date Collected: 12/06/13 12:59
Date Received: 12/09/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	0.76	J	ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-01 Date Collected: 12/06/13 12:59

Client ID: MW-1 Date Received: 12/09/13

Sample Location: 301 FRANKLIN ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	2.0	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	1.5	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	1.5	J	ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	0.74	J	ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	0.53	J	ug/l	10	0.29	1

Tentatively Identified Compounds				
Unknown	1.2	J	ug/l	1
Unknown	1.2	J	ug/l	1
Butane, 2,3-Dimethyl-	4.2	NJ	ug/l	1
Unknown Cycloaromatic	2.3	J	ug/l	1
Unknown Benzene	3.8	J	ug/l	1

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-01 Date Collected: 12/06/13 12:59

Client ID: MW-1 Date Received: 12/09/13

Sample Location: 301 FRANKLIN ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown	1.3	J	ug/l			1
Benzene, pentamethyl-	1.8	NJ	ug/l			1
Unknown Cycloaromatic	1.5	J	ug/l			1
Unknown Cycloaromatic	2.9	J	ug/l			1
Unknown	1.2	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	98		70-130

Project Name: 301 FRANKLIN ST. SITE
Project Number: 0181-013-001
Lab Number: L1324994
Report Date: 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-02 D
Client ID: MW-2
Sample Location: 301 FRANKLIN ST.
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/16/13 13:56
Analyst: PD

Date Collected: 12/06/13 14:59
Date Received: 12/09/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethane	ND		ug/l	6.2	1.8	2.5
Chloroform	ND		ug/l	6.2	1.8	2.5
Carbon tetrachloride	ND		ug/l	1.2	0.34	2.5
1,2-Dichloropropane	ND		ug/l	2.5	0.33	2.5
Dibromochloromethane	ND		ug/l	1.2	0.37	2.5
1,1,2-Trichloroethane	ND		ug/l	3.8	1.2	2.5
Tetrachloroethene	ND		ug/l	1.2	0.45	2.5
Chlorobenzene	ND		ug/l	6.2	1.8	2.5
Trichlorofluoromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethane	ND		ug/l	1.2	0.33	2.5
1,1,1-Trichloroethane	ND		ug/l	6.2	1.8	2.5
Bromodichloromethane	ND		ug/l	1.2	0.48	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	0.41	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	0.36	2.5
Bromoform	ND		ug/l	5.0	1.6	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	0.36	2.5
Benzene	ND		ug/l	1.2	0.40	2.5
Toluene	ND		ug/l	6.2	1.8	2.5
Ethylbenzene	ND		ug/l	6.2	1.8	2.5
Chloromethane	ND		ug/l	6.2	1.8	2.5
Bromomethane	ND		ug/l	6.2	1.8	2.5
Vinyl chloride	ND		ug/l	2.5	0.82	2.5
Chloroethane	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethene	ND		ug/l	1.2	0.35	2.5
trans-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
Trichloroethene	ND		ug/l	1.2	0.44	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl tert butyl ether	ND		ug/l	6.2	1.8	2.5

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-02 D Date Collected: 12/06/13 14:59

Client ID: MW-2 Date Received: 12/09/13

Sample Location: 301 FRANKLIN ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	4.2	J	ug/l	6.2	1.8	2.5
o-Xylene	ND		ug/l	6.2	1.8	2.5
cis-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
Styrene	ND		ug/l	6.2	1.8	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5	2.5
Acetone	ND		ug/l	12	2.5	2.5
Carbon disulfide	ND		ug/l	12	2.5	2.5
2-Butanone	ND		ug/l	12	2.5	2.5
4-Methyl-2-pentanone	ND		ug/l	12	2.5	2.5
2-Hexanone	ND		ug/l	12	2.5	2.5
Bromochloromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dibromoethane	ND		ug/l	5.0	1.6	2.5
n-Butylbenzene	ND		ug/l	6.2	1.8	2.5
sec-Butylbenzene	ND		ug/l	6.2	1.8	2.5
tert-Butylbenzene	ND		ug/l	6.2	1.8	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.2	1.8	2.5
Isopropylbenzene	ND		ug/l	6.2	1.8	2.5
p-Isopropyltoluene	ND		ug/l	6.2	1.8	2.5
Naphthalene	ND		ug/l	6.2	1.8	2.5
n-Propylbenzene	ND		ug/l	6.2	1.8	2.5
1,2,3-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3,5-Trimethylbenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trimethylbenzene	1.8	J	ug/l	6.2	1.8	2.5
Methyl Acetate	ND		ug/l	5.0	0.58	2.5
Cyclohexane	ND		ug/l	25	0.61	2.5
1,4-Dioxane	ND		ug/l	620	100	2.5
Freon-113	ND		ug/l	6.2	1.8	2.5
Methyl cyclohexane	ND		ug/l	25	0.72	2.5

Tentatively Identified Compounds				
Unknown	7.1	J	ug/l	2.5
Unknown	5.8	J	ug/l	2.5
Unknown	4.6	J	ug/l	2.5
Unknown Benzene	6.9	J	ug/l	2.5
Unknown Cycloaromatic	14	J	ug/l	2.5

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-02 D Date Collected: 12/06/13 14:59

Client ID: MW-2 Date Received: 12/09/13

Sample Location: 301 FRANKLIN ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Cycloaromatic	4.9	J	ug/l			2.5
Unknown Cycloaromatic	11	J	ug/l			2.5
Unknown Naphthalene	5.9	J	ug/l			2.5
Unknown Cycloaromatic	9.7	J	ug/l			2.5
Unknown Cycloaromatic	5.0	J	ug/l			2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	96		70-130

Project Name: 301 FRANKLIN ST. SITE
Project Number: 0181-013-001
Lab Number: L1324994
Report Date: 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-03
Client ID: MW-3
Sample Location: 301 FRANKLIN ST.
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/16/13 14:24
Analyst: PD

Date Collected: 12/06/13 13:40
Date Received: 12/09/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-03 Date Collected: 12/06/13 13:40

Client ID: MW-3 Date Received: 12/09/13

Sample Location: 301 FRANKLIN ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	1.4	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	1.6	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	1.6	J	ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	0.30	J	ug/l	10	0.29	1

Tentatively Identified Compounds				
Unknown	2.7	J	ug/l	1
Unknown Cycloaromatic	4.0	J	ug/l	1
Unknown	2.2	J	ug/l	1
Unknown	4.0	J	ug/l	1
Unknown	2.1	J	ug/l	1

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-03 Date Collected: 12/06/13 13:40

Client ID: MW-3 Date Received: 12/09/13

Sample Location: 301 FRANKLIN ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Cycloaromatic	4.2	J	ug/l			1
Benzene, pentamethyl-	4.0	NJ	ug/l			1
Unknown	2.9	J	ug/l			1
Unknown Cycloaromatic	3.4	J	ug/l			1
Unknown	2.4	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	96		70-130

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-04 D
Client ID: MW-4
Sample Location: 301 FRANKLIN ST.
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/16/13 14:53
Analyst: PD

Date Collected: 12/06/13 14:25
Date Received: 12/09/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.53	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	ND		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.57	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.57	4
Benzene	ND		ug/l	2.0	0.63	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	ND		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	ND		ug/l	4.0	1.3	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.57	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Trichloroethene	ND		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-04 D Date Collected: 12/06/13 14:25

Client ID: MW-4 Date Received: 12/09/13

Sample Location: 301 FRANKLIN ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	5.2	J	ug/l	10	2.8	4
o-Xylene	ND		ug/l	10	2.8	4
cis-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	4.0	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	4.0	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
n-Butylbenzene	ND		ug/l	10	2.8	4
sec-Butylbenzene	ND		ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Isopropylbenzene	ND		ug/l	10	2.8	4
p-Isopropyltoluene	ND		ug/l	10	2.8	4
Naphthalene	ND		ug/l	10	2.8	4
n-Propylbenzene	ND		ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	ND		ug/l	10	2.8	4
1,2,4-Trimethylbenzene	ND		ug/l	10	2.8	4
Methyl Acetate	ND		ug/l	8.0	0.94	4
Cyclohexane	ND		ug/l	40	0.98	4
1,4-Dioxane	ND		ug/l	1000	160	4
Freon-113	ND		ug/l	10	2.8	4
Methyl cyclohexane	2.8	J	ug/l	40	1.2	4

Tentatively Identified Compounds						
Cyclopentane, 1,3-dimethyl-	6.0	NJ	ug/l			4
Unknown Cycloalkane	5.1	J	ug/l			4
Unknown Cycloaromatic	4.8	J	ug/l			4
Unknown	5.1	J	ug/l			4
Unknown Cycloaromatic	5.5	J	ug/l			4

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-04 D Date Collected: 12/06/13 14:25

Client ID: MW-4 Date Received: 12/09/13

Sample Location: 301 FRANKLIN ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Benzene	5.3	J	ug/l			4
Unknown Naphthalene	4.8	J	ug/l			4
Unknown Cycloaromatic	6.6	J	ug/l			4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID:	L1324994-05	Date Collected:	12/06/13 11:43
Client ID:	MW-5	Date Received:	12/09/13
Sample Location:	301 FRANKLIN ST.	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	12/16/13 15:21		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-05 Date Collected: 12/06/13 11:43

Client ID: MW-5 Date Received: 12/09/13

Sample Location: 301 FRANKLIN ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	1.2	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	0.88	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	0.88	J	ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.6	J	ug/l	10	0.29	1

Tentatively Identified Compounds				
Unknown	2.1	J	ug/l	1
Pentane, 2,3-dimethyl-	1.7	NJ	ug/l	1
Unknown Cycloalkane	1.2	J	ug/l	1
Cyclohexane, 1,1-dimethyl-	1.4	NJ	ug/l	1
Unknown Cycloaromatic	1.2	J	ug/l	1

Project Name: 301 FRANKLIN ST. SITE
Lab Number: L1324994
Project Number: 0181-013-001
Report Date: 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-05
Client ID: MW-5
Sample Location: 301 FRANKLIN ST.
Date Collected: 12/06/13 11:43
Date Received: 12/09/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Cycloaromatic	1.2	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	96		70-130

Project Name: 301 FRANKLIN ST. SITE
Project Number: 0181-013-001
Lab Number: L1324994
Report Date: 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-06
Client ID: MW-6
Sample Location: 301 FRANKLIN ST.
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/16/13 15:50
Analyst: PD

Date Collected: 12/06/13 15:36
Date Received: 12/09/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-06 Date Collected: 12/06/13 15:36

Client ID: MW-6 Date Received: 12/09/13

Sample Location: 301 FRANKLIN ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	1.2	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.1	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	0.79	J	ug/l	2.5	0.70	1
tert-Butylbenzene	1.4	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	1.4	J	ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	0.74	J	ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	0.92	J	ug/l	10	0.29	1

Tentatively Identified Compounds				
Sulfur Dioxide	4.4	NJ	ug/l	1
Unknown	3.2	J	ug/l	1
Unknown Cycloaromatic	3.5	J	ug/l	1
Unknown Cycloaromatic	3.4	J	ug/l	1
Unknown Benzene	3.0	J	ug/l	1

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-06 Date Collected: 12/06/13 15:36

Client ID: MW-6 Date Received: 12/09/13

Sample Location: 301 FRANKLIN ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Cycloaromatic	9.9	J	ug/l			1
Unknown Naphthalene	7.2	J	ug/l			1
Unknown Cycloaromatic	4.3	J	ug/l			1
Unknown Naphthalene	6.3	J	ug/l			1
Unknown Naphthalene	6.0	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	97		70-130

Project Name: 301 FRANKLIN ST. SITE
Project Number: 0181-013-001
Lab Number: L1324994
Report Date: 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-07
Client ID: BLIND DUP
Sample Location: 301 FRANKLIN ST.
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/16/13 16:18
Analyst: PD

Date Collected: 12/06/13 08:00
Date Received: 12/09/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-07 Date Collected: 12/06/13 08:00

Client ID: BLIND DUP Date Received: 12/09/13

Sample Location: 301 FRANKLIN ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	1.0	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	1.6	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	1.6	J	ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.29	1

Tentatively Identified Compounds					
Sulfur Dioxide	3.4	NJ	ug/l		1
Unknown	2.5	J	ug/l		1
Unknown Cycloaromatic	4.2	J	ug/l		1
Unknown	2.4	J	ug/l		1
Unknown	5.6	J	ug/l		1

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-07 Date Collected: 12/06/13 08:00

Client ID: BLIND DUP Date Received: 12/09/13

Sample Location: 301 FRANKLIN ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Cycloaromatic	6.5	J	ug/l			1
Unknown	7.7	J	ug/l			1
Unknown Cycloaromatic	4.8	J	ug/l			1
Unknown Cycloaromatic	3.5	J	ug/l			1
Unknown Naphthalene	10	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	98		70-130

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-08
Client ID: TRIP BLANK
Sample Location: 301 FRANKLIN ST.
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/16/13 16:46
Analyst: PD

Date Collected: 12/06/13 00:00
Date Received: 12/09/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-08 Date Collected: 12/06/13 00:00

Client ID: TRIP BLANK Date Received: 12/09/13

Sample Location: 301 FRANKLIN ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	0.87	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.29	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Project Name: 301 FRANKLIN ST. SITE **Lab Number:** L1324994

Project Number: 0181-013-001 **Report Date:** 12/16/13

SAMPLE RESULTS

Lab ID: L1324994-08 Date Collected: 12/06/13 00:00

Client ID: TRIP BLANK Date Received: 12/09/13

Sample Location: 301 FRANKLIN ST. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Project Name: 301 FRANKLIN ST. SITE
Project Number: 0181-013-001
Lab Number: L1324994
Report Date: 12/16/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/16/13 10:34
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG659391-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70

Project Name: 301 FRANKLIN ST. SITE
Project Number: 0181-013-001
Lab Number: L1324994
Report Date: 12/16/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/16/13 10:34
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG659391-3					
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.24
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.29

Project Name: 301 FRANKLIN ST. SITE
Project Number: 0181-013-001
Lab Number: L1324994
Report Date: 12/16/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/16/13 10:34
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG659391-3					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 301 FRANKLIN ST. SITE

Project Number: 0181-013-001

Lab Number: L1324994

Report Date: 12/16/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG659391-1 WG659391-2								
Methylene chloride	97		98		70-130	1		20
1,1-Dichloroethane	93		98		70-130	5		20
Chloroform	90		97		70-130	7		20
2-Chloroethylvinyl ether	99		103		70-130	4		20
Carbon tetrachloride	89		91		63-132	2		20
1,2-Dichloropropane	100		103		70-130	3		20
Dibromochloromethane	100		102		63-130	2		20
1,1,2-Trichloroethane	105		105		70-130	0		20
Tetrachloroethene	95		102		70-130	7		20
Chlorobenzene	96		98		75-130	2		20
Trichlorofluoromethane	76		78		62-150	3		20
1,2-Dichloroethane	86		88		70-130	2		20
1,1,1-Trichloroethane	88		92		67-130	4		20
Bromodichloromethane	92		94		67-130	2		20
trans-1,3-Dichloropropene	98		101		70-130	3		20
cis-1,3-Dichloropropene	96		97		70-130	1		20
1,1-Dichloropropene	96		100		70-130	4		20
Bromoform	98		100		54-136	2		20
1,1,2,2-Tetrachloroethane	106		108		67-130	2		20
Benzene	94		100		70-130	6		20
Toluene	96		100		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 301 FRANKLIN ST. SITE

Project Number: 0181-013-001

Lab Number: L1324994

Report Date: 12/16/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG659391-1 WG659391-2								
Ethylbenzene	93		98		70-130	5		20
Chloromethane	**59**	Q	**62**	Q	64-130	5		20
Bromomethane	42		41		39-139	2		20
Vinyl chloride	70		72		55-140	3		20
Chloroethane	89		93		55-138	4		20
1,1-Dichloroethene	96		101		61-145	5		20
trans-1,2-Dichloroethene	101		106		70-130	5		20
Trichloroethene	94		98		70-130	4		20
1,2-Dichlorobenzene	96		99		70-130	3		20
1,3-Dichlorobenzene	99		104		70-130	5		20
1,4-Dichlorobenzene	98		100		70-130	2		20
Methyl tert butyl ether	95		95		63-130	0		20
p/m-Xylene	94		98		70-130	4		20
o-Xylene	94		98		70-130	4		20
cis-1,2-Dichloroethene	100		106		70-130	6		20
Dibromomethane	98		102		70-130	4		20
1,2,3-Trichloropropane	105		102		64-130	3		20
Acrylonitrile	100		99		70-130	1		20
Isopropyl Ether	91		93		70-130	2		20
tert-Butyl Alcohol	106		102		70-130	4		20
Styrene	97		101		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 301 FRANKLIN ST. SITE
Project Number: 0181-013-001

Lab Number: L1324994
Report Date: 12/16/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG659391-1 WG659391-2								
Dichlorodifluoromethane	63		65		36-147	3		20
Acetone	139		133		58-148	4		20
Carbon disulfide	84		88		51-130	5		20
2-Butanone	106		107		63-138	1		20
Vinyl acetate	95		95		70-130	0		20
4-Methyl-2-pentanone	97		99		59-130	2		20
2-Hexanone	107		106		57-130	1		20
Acrolein	102		99		40-160	3		20
Bromochloromethane	101		102		70-130	1		20
2,2-Dichloropropane	91		94		63-133	3		20
1,2-Dibromoethane	104		102		70-130	2		20
1,3-Dichloropropane	102		103		70-130	1		20
1,1,1,2-Tetrachloroethane	98		99		64-130	1		20
Bromobenzene	102		104		70-130	2		20
n-Butylbenzene	98		103		53-136	5		20
sec-Butylbenzene	97		102		70-130	5		20
tert-Butylbenzene	95		102		70-130	7		20
o-Chlorotoluene	97		101		70-130	4		20
p-Chlorotoluene	97		102		70-130	5		20
1,2-Dibromo-3-chloropropane	93		99		41-144	6		20
Hexachlorobutadiene	99		108		63-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 301 FRANKLIN ST. SITE
Project Number: 0181-013-001

Lab Number: L1324994
Report Date: 12/16/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG659391-1 WG659391-2								
Isopropylbenzene	96		102		70-130	6		20
p-Isopropyltoluene	95		102		70-130	7		20
Naphthalene	98		100		70-130	2		20
n-Propylbenzene	95		102		69-130	7		20
1,2,3-Trichlorobenzene	98		101		70-130	3		20
1,2,4-Trichlorobenzene	92		97		70-130	5		20
1,3,5-Trimethylbenzene	96		100		64-130	4		20
1,2,4-Trimethylbenzene	97		101		70-130	4		20
Methyl Acetate	94		95		70-130	1		20
Ethyl Acetate	90		91		70-130	1		20
Cyclohexane	83		88		70-130	6		20
Ethyl-Tert-Butyl-Ether	94		96		70-130	2		20
Tertiary-Amyl Methyl Ether	98		98		66-130	0		20
1,4-Dioxane	119		120		56-162	1		20
Freon-113	94		100		70-130	6		20
1,4-Diethylbenzene	97		101		70-130	4		20
4-Ethyltoluene	97		102		70-130	5		20
1,2,4,5-Tetramethylbenzene	89		92		70-130	3		20
Ethyl ether	109		108		59-134	1		20
trans-1,4-Dichloro-2-butene	90		91		70-130	1		20
Methyl cyclohexane	86		89		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 301 FRANKLIN ST. SITE

Project Number: 0181-013-001

Lab Number: L1324994

Report Date: 12/16/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG659391-1 WG659391-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		89		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	102		104		70-130
Dibromofluoromethane	97		96		70-130

Project Name: 301 FRANKLIN ST. SITE
Project Number: 0181-013-001

Lab Number: L1324994
Report Date: 12/16/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1324994-01A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-01B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-01C	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-02A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-02B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-02C	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-03A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-03B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-03C	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-04A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-04B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-04C	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-05A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-05B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-05C	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-06A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-06B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-06C	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-07A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-07B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-07C	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-08A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1324994-08B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	301 FRANKLIN ST. SITE	**Lab Number:**	L1324994
Project Number:	0181-013-001	**Report Date:**	12/16/13

GLOSSARY

Acronyms

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

Footnotes

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

Terms

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

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	301 FRANKLIN ST. SITE	**Lab Number:**	L1324994
Project Number:	0181-013-001	**Report Date:**	12/16/13

Data Qualifiers

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	301 FRANKLIN ST. SITE	**Lab Number:**	L1324994
Project Number:	0181-013-001	**Report Date:**	12/16/13

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

Last revised December 11, 2013

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

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

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

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

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

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

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

CHAIN OF CUSTODY

ALPHA ANALYTICAL

PAGE ____ OF ____

Date Rec'd in Lab: 12/9/13

ALPHA Job #: L1324994

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Turnkey Env

Address: 2558 Hamburg Turnpike Buffalo, NY 14218

Phone: 716-225-3314

Fax:

Email: bgreene@turnkeyllc.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 301 Franklin St Site

Project Location: 301 Franklin St

Project #: 0181-013-001

Project Manager: Mike Lesakowski

ALPHA Quote #:

Turn-Around Time

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

Date Due: 12/18/13 Time:

Report Information - Data Deliverables

☐ FAX ☑ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

Cat B

ANALYSIS: VOCs (TCL + CP51 list + TICs)

SAMPLE HANDLING

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs											Sample Specific Comments	TOTAL # BOTTLES
24994.1	MW-1	12-6-13	1259	GW	BMG	3												3
.2	MW-2	↓	1459	↓	↓	3												3
.3	MW-3	↓	1340	↓	↓	3												3
.4	MW-4	↓	1425	↓	↓	3												3
.5	MW-5	↓	1143	↓	↓	3												3
.6	MW-6	↓	1536	↓	↓	3												3
.7	Blind Dup	↓	0800	↓	↓	3												3
.8	Trip blank	12-6-13	0800	W	BMG	2												2

Container Type	A										
Preservative	B										

Relinquished By:	Date/Time	Received By:	Date/Time
Brock Greene	12-9-13/0900	MICHAEL WATTERS	12/9/13 1445
MICHAEL WATTERS	12/9/13 1800	[signature]	12/9/13 1800
[signature]	12/9/13 2000	Jim Corle	12/9/13 2000
Jim Corle	12/9/13 2220	Richard Scott	12/9/13 2220

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

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

ANALYTICAL REPORT

Lab Number:	L1416107
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Mike Lesakowski
Phone:	(716) 856-0599
Project Name:	SCOTT ROTARY SEALS SEMI-ANNUAL
Project Number:	0189-
Report Date:	02/24/15

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

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

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL
Project Number: 0189-

Lab Number: L1416107
Report Date: 02/24/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1416107-01	MW-1	WATER	SCOTT ROTARY SEALS SITE, OLEAN, NY	07/18/14 14:15	07/18/14
L1416107-02	MW-2	WATER	SCOTT ROTARY SEALS SITE, OLEAN, NY	07/18/14 12:52	07/18/14
L1416107-03	MW-3	WATER	SCOTT ROTARY SEALS SITE, OLEAN, NY	07/18/14 11:59	07/18/14
L1416107-04	MW-4	WATER	SCOTT ROTARY SEALS SITE, OLEAN, NY	07/18/14 12:25	07/18/14
L1416107-05	MW-5	WATER	SCOTT ROTARY SEALS SITE, OLEAN, NY	07/18/14 14:39	07/18/14
L1416107-06	MW-6	WATER	SCOTT ROTARY SEALS SITE, OLEAN, NY	07/18/14 13:22	07/18/14
L1416107-07	BLIND DUP	WATER	SCOTT ROTARY SEALS SITE, OLEAN, NY	07/18/14 11:45	07/18/14
L1416107-08	TRIP BLANK	WATER	SCOTT ROTARY SEALS SITE, OLEAN, NY	07/18/14 00:00	07/18/14

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107
Project Number: 0189- **Report Date:** 02/24/15

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

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

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

Project Name:	SCOTT ROTARY SEALS SEMI-ANNUAL	**Lab Number:**	L1416107
Project Number:	0189-	**Report Date:**	02/24/15

Case Narrative (continued)

Report Submission

This report replaces the report issued July 25, 2014; the Volatile Organics analyte list has been amended to include tert-Butylbenzene, 1,2,4-Trimethylbenzene, Naphthalene, n-Butylbenzene, 1,3,5-Trimethylbenzene, n-Propylbenzene, p-Isopropyltoluene, and sec-Butylbenzene.

A previously issued report replaced the report issued on July 24, 2014. The Volatile Organics results were amended to include TICs.

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

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

Authorized Signature: Lisa Westerlind

Title: Technical Director/Representative Date: 02/24/15

ORGANICS

VOLATILES

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-01
Client ID: MW-1
Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/22/14 14:17
Analyst: PD

Date Collected: 07/18/14 14:15
Date Received: 07/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-01 Date Collected: 07/18/14 14:15

Client ID: MW-1 Date Received: 07/18/14

Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.8	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	0.96	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.29	1

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-01 Date Collected: 07/18/14 14:15

Client ID: MW-1 Date Received: 07/18/14

Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Butane, 2,2-dimethyl-	3.8	NJ	ug/l			1
Butane, 2,3-Dimethyl-	9.1	NJ	ug/l			1
Unknown Alkane	3.7	J	ug/l			1
Pentane, 2,3-dimethyl-	3.6	NJ	ug/l			1
Cyclopentane, 1,1,3-trimethyl-	2.3	NJ	ug/l			1
Unknown Cycloalkane	2.7	J	ug/l			1
Unknown	2.5	J	ug/l			1
Unknown Benzene	1.8	J	ug/l			1
Unknown Cycloaromatic	2.5	J	ug/l			1
Unknown Cycloaromatic	3.9	J	ug/l			1
Unknown Cycloaromatic	3.9	J	ug/l			1
Unknown Benzene	4.2	J	ug/l			1
Unknown Cycloaromatic	2.6	J	ug/l			1
Unknown Cycloaromatic	4.1	J	ug/l			1
Unknown	20	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	101		70-130

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-02
Client ID: MW-2
Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/22/14 14:46
Analyst: PD

Date Collected: 07/18/14 12:52
Date Received: 07/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-02 Date Collected: 07/18/14 12:52

Client ID: MW-2 Date Received: 07/18/14

Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.7	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	1.7	J	ug/l	2.5	0.70	1
tert-Butylbenzene	1.7	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.29	1

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-02 Date Collected: 07/18/14 12:52

Client ID: MW-2 Date Received: 07/18/14

Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Cycloalkane	28	J	ug/l			1
Unknown Cycloalkane	22	J	ug/l			1
Unknown	17	J	ug/l			1
Unknown Cycloalkane	23	J	ug/l			1
Unknown Cycloalkane	32	J	ug/l			1
Unknown Cycloalkane	12	J	ug/l			1
Indane	30	NJ	ug/l			1
Unknown Cycloaromatic	15	J	ug/l			1
Unknown	20	J	ug/l			1
Unknown Cycloaromatic	25	J	ug/l			1
Unknown Cycloaromatic	17	J	ug/l			1
Unknown Naphthalene	16	J	ug/l			1
Unknown Cycloaromatic	24	J	ug/l			1
Unknown Cycloaromatic	14	J	ug/l			1
Unknown Cycloaromatic	18	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	97		70-130

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-03
Client ID: MW-3
Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/22/14 15:14
Analyst: PD

Date Collected: 07/18/14 11:59
Date Received: 07/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-03 Date Collected: 07/18/14 11:59

Client ID: MW-3 Date Received: 07/18/14

Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.6	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	1.0	J	ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.29	1

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-03 Date Collected: 07/18/14 11:59

Client ID: MW-3 Date Received: 07/18/14

Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown	2.4	J	ug/l			1
Unknown	1.7	J	ug/l			1
Unknown Cycloaromatic	17	J	ug/l			1
Unknown	1.9	J	ug/l			1
Unknown Cycloaromatic	3.0	J	ug/l			1
Unknown	4.8	J	ug/l			1
Unknown	2.3	J	ug/l			1
Unknown	5.2	J	ug/l			1
Unknown Cycloaromatic	12	J	ug/l			1
Unknown Naphthalene	4.8	J	ug/l			1
Unknown Alkane	3.4	J	ug/l			1
Unknown Cycloaromatic	15	J	ug/l			1
Unknown Naphthalene	3.2	J	ug/l			1
Unknown Naphthalene	2.8	J	ug/l			1
Unknown Naphthalene	2.8	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	100		70-130

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-04
Client ID: MW-4
Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/22/14 15:42
Analyst: PD

Date Collected: 07/18/14 12:25
Date Received: 07/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-04 Date Collected: 07/18/14 12:25

Client ID: MW-4 Date Received: 07/18/14

Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.7	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	0.74	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.29	1

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-04 Date Collected: 07/18/14 12:25

Client ID: MW-4 Date Received: 07/18/14

Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Cycloalkane	15	J	ug/l			1
Unknown Benzene	12	J	ug/l			1
Unknown	9.9	J	ug/l			1
Unknown Cycloaromatic	9.7	J	ug/l			1
Unknown	14	J	ug/l			1
Unknown Cycloaromatic	29	J	ug/l			1
Unknown Benzene	13	J	ug/l			1
Unknown Cycloaromatic	12	J	ug/l			1
Unknown Alkane	8.3	J	ug/l			1
Unknown Naphthalene	9.9	J	ug/l			1
Unknown Cycloaromatic	47	J	ug/l			1
Unknown Cycloaromatic	8.5	J	ug/l			1
Unknown	11	J	ug/l			1
Unknown Cycloaromatic	36	J	ug/l			1
Unknown	26	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	98		70-130

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-05
Client ID: MW-5
Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/22/14 16:10
Analyst: PD

Date Collected: 07/18/14 14:39
Date Received: 07/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-05 Date Collected: 07/18/14 14:39

Client ID: MW-5 Date Received: 07/18/14

Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.3	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	1.0	J	ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.29	1

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-05 Date Collected: 07/18/14 14:39

Client ID: MW-5 Date Received: 07/18/14

Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Pentane, 2,3-dimethyl-	1.4	NJ	ug/l			1
Cyclopentane, 1,1,3-trimethyl-	1.3	NJ	ug/l			1
Unknown Cycloalkane	1.2	J	ug/l			1
Cyclohexane, 1,1-dimethyl-	1.5	NJ	ug/l			1
Unknown Cycloaromatic	1.0	J	ug/l			1
Unknown Cycloaromatic	1.3	J	ug/l			1
Unknown Alkane	1.1	J	ug/l			1
Unknown Naphthalene	1.2	J	ug/l			1
Unknown	1.6	J	ug/l			1
Unknown Cycloaromatic	3.3	J	ug/l			1
Unknown Cycloaromatic	4.3	J	ug/l			1
Unknown Naphthalene	1.1	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	98		70-130

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-06
Client ID: MW-6
Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/22/14 16:39
Analyst: PD

Date Collected: 07/18/14 13:22
Date Received: 07/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-06 Date Collected: 07/18/14 13:22

Client ID: MW-6 Date Received: 07/18/14

Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.4	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	0.73	J	ug/l	2.5	0.70	1
tert-Butylbenzene	1.3	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.29	1

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-06 Date Collected: 07/18/14 13:22

Client ID: MW-6 Date Received: 07/18/14

Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown	28	J	ug/l			1
Unknown Cycloalkane	24	J	ug/l			1
Unknown	29	J	ug/l			1
Unknown	32	J	ug/l			1
Unknown Alkane	29	J	ug/l			1
Unknown	22	J	ug/l			1
Unknown Naphthalene	23	J	ug/l			1
Unknown	33	J	ug/l			1
Unknown Alkane	30	J	ug/l			1
Unknown Cycloaromatic	25	J	ug/l			1
Unknown Cycloalkane	27	J	ug/l			1
Unknown	37	J	ug/l			1
Unknown	43	J	ug/l			1
Unknown	40	J	ug/l			1
Unknown Cycloalkane	92	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	99		70-130

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-07
Client ID: BLIND DUP
Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/22/14 17:07
Analyst: PD

Date Collected: 07/18/14 11:45
Date Received: 07/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-07 Date Collected: 07/18/14 11:45

Client ID: BLIND DUP Date Received: 07/18/14

Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.6	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.29	1

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-07 Date Collected: 07/18/14 11:45

Client ID: BLIND DUP Date Received: 07/18/14

Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown Alkane	13	J	ug/l			1
Unknown Benzene	12	J	ug/l			1
Tridecane, 7-methyl-	11	NJ	ug/l			1
Unknown	7.5	J	ug/l			1
Unknown	12	J	ug/l			1
Unknown	12	J	ug/l			1
Unknown Benzene	9.2	J	ug/l			1
Unknown	7.6	J	ug/l			1
Unknown	11	J	ug/l			1
Unknown Alkane	16	J	ug/l			1
Unknown	20	J	ug/l			1
Unknown	22	J	ug/l			1
Hexadecane, 2,6,10,14-tetramethyl-	8.7	NJ	ug/l			1
Cyclohexane, octyl-	41	NJ	ug/l			1
Unknown	58	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-08
Client ID: TRIP BLANK
Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/21/14 17:43
Analyst: PD

Date Collected: 07/18/14 00:00
Date Received: 07/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-08 Date Collected: 07/18/14 00:00

Client ID: TRIP BLANK Date Received: 07/18/14

Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.29	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

SAMPLE RESULTS

Lab ID: L1416107-08 Date Collected: 07/18/14 00:00

Client ID: TRIP BLANK Date Received: 07/18/14

Sample Location: SCOTT ROTARY SEALS SITE, OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/21/14 12:35
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG707563-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	0.79	J	ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/21/14 12:35
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG707563-3					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.24
1,4-Dioxane	ND		ug/l	250	41.

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/21/14 12:35
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG707563-3					
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.29
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	99		70-130

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/14 10:32
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG707861-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	0.78	J	ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/14 10:32
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG707861-3					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.24
1,4-Dioxane	ND		ug/l	250	41.

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/14 10:32
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG707861-3					
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.29
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL

Project Number: 0189-

Lab Number: L1416107

Report Date: 02/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG707563-1 WG707563-2								
Methylene chloride	102		103		70-130	1		20
1,1-Dichloroethane	101		100		70-130	1		20
Chloroform	101		102		70-130	1		20
2-Chloroethylvinyl ether	98		102		70-130	4		20
Carbon tetrachloride	102		102		63-132	0		20
1,2-Dichloropropane	105		106		70-130	1		20
Dibromochloromethane	101		104		63-130	3		20
1,1,2-Trichloroethane	104		106		70-130	2		20
Tetrachloroethene	102		101		70-130	1		20
Chlorobenzene	102		102		75-130	0		20
Trichlorofluoromethane	82		82		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	102		101		67-130	1		20
Bromodichloromethane	103		105		67-130	2		20
trans-1,3-Dichloropropene	102		104		70-130	2		20
cis-1,3-Dichloropropene	105		107		70-130	2		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	94		98		54-136	4		20
1,1,2,2-Tetrachloroethane	107		108		67-130	1		20
Benzene	103		104		70-130	1		20
Toluene	102		102		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL

Project Number: 0189-

Lab Number: L1416107

Report Date: 02/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG707563-1 WG707563-2								
Ethylbenzene	101		101		70-130	0		20
Chloromethane	70		68		64-130	3		20
Bromomethane	70		71		39-139	1		20
Vinyl chloride	67		66		55-140	2		20
Chloroethane	83		87		55-138	5		20
1,1-Dichloroethene	87		87		61-145	0		20
trans-1,2-Dichloroethene	99		98		70-130	1		20
Trichloroethene	101		101		70-130	0		20
1,2-Dichlorobenzene	102		101		70-130	1		20
1,3-Dichlorobenzene	103		102		70-130	1		20
1,4-Dichlorobenzene	101		100		70-130	1		20
Methyl tert butyl ether	104		107		63-130	3		20
p/m-Xylene	104		104		70-130	0		20
o-Xylene	106		107		70-130	1		20
cis-1,2-Dichloroethene	104		104		70-130	0		20
Dibromomethane	105		107		70-130	2		20
1,2,3-Trichloropropane	106		108		64-130	2		20
Acrylonitrile	107		111		70-130	4		20
Isopropyl Ether	103		105		70-130	2		20
tert-Butyl Alcohol	112		119		70-130	6		20
Styrene	109		109		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL

Project Number: 0189-

Lab Number: L1416107

Report Date: 02/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG707563-1 WG707563-2								
Dichlorodifluoromethane	51		50		36-147	2		20
Acetone	107		109		58-148	2		20
Carbon disulfide	86		88		51-130	2		20
2-Butanone	105		110		63-138	5		20
Vinyl acetate	108		111		70-130	3		20
4-Methyl-2-pentanone	100		103		59-130	3		20
2-Hexanone	89		90		57-130	1		20
Acrolein	87		91		40-160	4		20
Bromochloromethane	108		108		70-130	0		20
2,2-Dichloropropane	107		105		63-133	2		20
1,2-Dibromoethane	108		109		70-130	1		20
1,3-Dichloropropane	103		104		70-130	1		20
1,1,1,2-Tetrachloroethane	106		106		64-130	0		20
Bromobenzene	103		103		70-130	0		20
n-Butylbenzene	106		104		53-136	2		20
sec-Butylbenzene	104		104		70-130	0		20
tert-Butylbenzene	103		102		70-130	1		20
o-Chlorotoluene	103		101		70-130	2		20
p-Chlorotoluene	102		102		70-130	0		20
1,2-Dibromo-3-chloropropane	102		102		41-144	0		20
Hexachlorobutadiene	105		100		63-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL

Project Number: 0189-

Lab Number: L1416107

Report Date: 02/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG707563-1 WG707563-2								
Isopropylbenzene	104		102		70-130	2		20
p-Isopropyltoluene	104		103		70-130	1		20
Naphthalene	104		103		70-130	1		20
n-Propylbenzene	104		102		69-130	2		20
1,2,3-Trichlorobenzene	108		107		70-130	1		20
1,2,4-Trichlorobenzene	102		102		70-130	0		20
1,3,5-Trimethylbenzene	104		103		64-130	1		20
1,2,4-Trimethylbenzene	105		103		70-130	2		20
Methyl Acetate	102		105		70-130	3		20
Ethyl Acetate	105		110		70-130	5		20
Cyclohexane	99		98		70-130	1		20
Ethyl-Tert-Butyl-Ether	106		107		70-130	1		20
Tertiary-Amyl Methyl Ether	105		108		66-130	3		20
1,4-Dioxane	106		110		56-162	4		20
Freon-113	88		90		70-130	2		20
1,4-Diethylbenzene	105		103		70-130	2		20
4-Ethyltoluene	104		103		70-130	1		20
1,2,4,5-Tetramethylbenzene	104		101		70-130	3		20
Ethyl ether	91		95		59-134	4		20
trans-1,4-Dichloro-2-butene	96		96		70-130	0		20
Iodomethane	74		73		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL

Project Number: 0189-

Lab Number: L1416107

Report Date: 02/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG707563-1 WG707563-2								
Methyl cyclohexane	102		101		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		90		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	102		100		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL

Project Number: 0189-

Lab Number: L1416107

Report Date: 02/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG707861-1 WG707861-2								
Methylene chloride	96		98		70-130	2		20
1,1-Dichloroethane	100		99		70-130	1		20
Chloroform	99		100		70-130	1		20
2-Chloroethylvinyl ether	90		95		70-130	5		20
Carbon tetrachloride	102		100		63-132	2		20
1,2-Dichloropropane	102		102		70-130	0		20
Dibromochloromethane	97		99		63-130	2		20
1,1,2-Trichloroethane	100		103		70-130	3		20
Tetrachloroethene	94		92		70-130	2		20
Chlorobenzene	92		93		75-130	1		20
Trichlorofluoromethane	86		83		62-150	4		20
1,2-Dichloroethane	99		101		70-130	2		20
1,1,1-Trichloroethane	100		99		67-130	1		20
Bromodichloromethane	100		101		67-130	1		20
trans-1,3-Dichloropropene	95		98		70-130	3		20
cis-1,3-Dichloropropene	100		102		70-130	2		20
1,1-Dichloropropene	98		97		70-130	1		20
Bromoform	86		89		54-136	3		20
1,1,2,2-Tetrachloroethane	100		103		67-130	3		20
Benzene	100		101		70-130	1		20
Toluene	94		95		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL

Project Number: 0189-

Lab Number: L1416107

Report Date: 02/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG707861-1 WG707861-2								
Ethylbenzene	95		95		70-130	0		20
Chloromethane	**61**	Q	**60**	Q	64-130	2		20
Bromomethane	55		69		39-139	**23**	Q	20
Vinyl chloride	64		63		55-140	2		20
Chloroethane	79		79		55-138	0		20
1,1-Dichloroethene	84		82		61-145	2		20
trans-1,2-Dichloroethene	93		92		70-130	1		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	89		90		70-130	1		20
1,3-Dichlorobenzene	90		91		70-130	1		20
1,4-Dichlorobenzene	89		90		70-130	1		20
Methyl tert butyl ether	96		99		63-130	3		20
p/m-Xylene	98		98		70-130	0		20
o-Xylene	98		98		70-130	0		20
cis-1,2-Dichloroethene	97		98		70-130	1		20
Dibromomethane	101		104		70-130	3		20
1,2,3-Trichloropropane	99		102		64-130	3		20
Acrylonitrile	109		116		70-130	6		20
Isopropyl Ether	102		104		70-130	2		20
tert-Butyl Alcohol	112		113		70-130	1		20
Styrene	100		101		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL

Project Number: 0189-

Lab Number: L1416107

Report Date: 02/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG707861-1 WG707861-2								
Dichlorodifluoromethane	41		39		36-147	5		20
Acetone	108		111		58-148	3		20
Carbon disulfide	77		77		51-130	0		20
2-Butanone	110		116		63-138	5		20
Vinyl acetate	111		115		70-130	4		20
4-Methyl-2-pentanone	91		97		59-130	6		20
2-Hexanone	82		87		57-130	6		20
Acrolein	105		108		40-160	3		20
Bromochloromethane	103		103		70-130	0		20
2,2-Dichloropropane	103		102		63-133	1		20
1,2-Dibromoethane	98		101		70-130	3		20
1,3-Dichloropropane	98		99		70-130	1		20
1,1,1,2-Tetrachloroethane	98		99		64-130	1		20
Bromobenzene	89		90		70-130	1		20
n-Butylbenzene	94		95		53-136	1		20
sec-Butylbenzene	94		94		70-130	0		20
tert-Butylbenzene	92		91		70-130	1		20
o-Chlorotoluene	91		91		70-130	0		20
p-Chlorotoluene	91		91		70-130	0		20
1,2-Dibromo-3-chloropropane	90		94		41-144	4		20
Hexachlorobutadiene	83		83		63-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL

Project Number: 0189-

Lab Number: L1416107

Report Date: 02/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG707861-1 WG707861-2								
Isopropylbenzene	92		91		70-130	1		20
p-Isopropyltoluene	92		92		70-130	0		20
Naphthalene	73		89		70-130	20		20
n-Propylbenzene	94		94		69-130	0		20
1,2,3-Trichlorobenzene	82		93		70-130	13		20
1,2,4-Trichlorobenzene	79		86		70-130	8		20
1,3,5-Trimethylbenzene	93		93		64-130	0		20
1,2,4-Trimethylbenzene	92		92		70-130	0		20
Methyl Acetate	108		112		70-130	4		20
Ethyl Acetate	108		113		70-130	5		20
Cyclohexane	100		99		70-130	1		20
Ethyl-Tert-Butyl-Ether	100		102		70-130	2		20
Tertiary-Amyl Methyl Ether	98		101		66-130	3		20
1,4-Dioxane	105		99		56-162	6		20
Freon-113	88		86		70-130	2		20
1,4-Diethylbenzene	91		92		70-130	1		20
4-Ethyltoluene	93		93		70-130	0		20
1,2,4,5-Tetramethylbenzene	83		87		70-130	5		20
Ethyl ether	89		89		59-134	0		20
trans-1,4-Dichloro-2-butene	93		97		70-130	4		20
Methyl cyclohexane	99		99		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL

Project Number: 0189-

Lab Number: L1416107

Report Date: 02/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG707861-1 WG707861-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		94		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	100		100		70-130

Project Name: SCOTT ROTARY SEALS SEMI-ANNUAL **Lab Number:** L1416107

Project Number: 0189- **Report Date:** 02/24/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1416107-01A	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-01B	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-01C	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-02A	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-02B	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-02C	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-03A	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-03B	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-03C	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-04A	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-04B	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-04C	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-05A	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-05B	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-05C	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-06A	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-06B	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-06C	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-07A	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-07B	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-07C	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)
L1416107-08A	Vial HCl preserved	A	N/A	2.9	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	SCOTT ROTARY SEALS SEMI-ANNUAL	**Lab Number:**	L1416107
Project Number:	0189-	**Report Date:**	02/24/15

GLOSSARY

Acronyms

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

Footnotes

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

Terms

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

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

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Report Format: DU Report with 'J' Qualifiers

Project Name:	SCOTT ROTARY SEALS SEMI-ANNUAL	**Lab Number:**	L1416107
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Data Qualifiers

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	SCOTT ROTARY SEALS SEMI-ANNUAL	**Lab Number:**	L1416107
Project Number:	0189-	**Report Date:**	02/24/15

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

Last revised December 16, 2014

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

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

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

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 7/19/14

ALPHA Job #: L1416b7

Client Information

Client: BMTC
Address: 2558 Hamburg Turnpike Buffalo, NY 14218
Phone: (716) 856-0599
Fax:
Email: rlaporte@benchmarkee5.com

Project Information

Project Name: Scott Rotary Seals Semi-Annual GWM
Project Location: Scott Rotary Seals Site, Oleca, NY
Project # 0189-
(Use Project name as Project #) ☐
Project Manager: Mike Lesiakowski
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date: 7/25/14
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

VOCs

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	Sample Specific Comments
01	MW-1	7/18/14	14:15	W	SPF	3	
02	MW-2		12:52	W		3	
03	MW-3		11:59	W		3	
04	MW-4		12:25	W		3	
05	MW-5		14:39	W		3	
06	MW-6		13:22	W		3	
07	Blind Dup		11:45	W		3	
08	Trip Blank					1	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

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

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	7/18/14 17:00		7/18/14 17:00
	7/18/14 18:45	FRENCH	07/18 18:45
FRENCH	07/18 21:47		7-18-14 21:47
	7-19-14 0027	Michael Dean	7/19/14 0027

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1429356
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Ray Laport
Phone:	(716) 856-0599
Project Name:	DST PROPERTIES
Project Number:	0189-014-001
Report Date:	12/11/14

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

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

Project Name: DST PROPERTIES
Project Number: 0189-014-001

Lab Number: L1429356
Report Date: 12/11/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1429356-01	MW-1	WATER	301 FRANKLIN ST., OLEAN, NY	12/04/14 13:36	12/05/14
L1429356-02	MW-2	WATER	301 FRANKLIN ST., OLEAN, NY	12/04/14 12:30	12/05/14
L1429356-03	MW-3	WATER	301 FRANKLIN ST., OLEAN, NY	12/04/14 11:14	12/05/14
L1429356-04	MW-4	WATER	301 FRANKLIN ST., OLEAN, NY	12/04/14 12:00	12/05/14
L1429356-05	MW-5	WATER	301 FRANKLIN ST., OLEAN, NY	12/04/14 14:00	12/05/14
L1429356-06	MW-6	WATER	301 FRANKLIN ST., OLEAN, NY	12/04/14 13:10	12/05/14
L1429356-07	TRIP BLANK	WATER	301 FRANKLIN ST., OLEAN, NY	12/04/14 08:00	12/05/14
L1429356-08	BLIND DUP	WATER	301 FRANKLIN ST., OLEAN, NY	12/04/14 09:00	12/05/14

Project Name: DST PROPERTIES
Project Number: 0189-014-001
Lab Number: L1429356
Report Date: 12/11/14

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

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

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

Project Name: DST PROPERTIES **Lab Number:** L1429356
Project Number: 0189-014-001 **Report Date:** 12/11/14

Case Narrative (continued)

Report Submission

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

Volatile Organics

The WG746998-4/-5 MS/MSD recoveries, performed on L1429356-01, are below the acceptance criteria for bromomethane (MS at 34%) and acetone (48%/36%); however, the associated LCS/LCSD recoveries are within overall method allowances.

The WG746998-4/-5 Matrix Duplicate RPD, performed on L1429356-01, are above the acceptance criteria for acetone (27%).

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 12/11/14

ORGANICS

VOLATILES

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-01
Client ID: MW-1
Sample Location: 301 FRANKLIN ST., OLEAN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/09/14 14:47
Analyst: PD

Date Collected: 12/04/14 13:36
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-01 Date Collected: 12/04/14 13:36

Client ID: MW-1 Date Received: 12/05/14

Sample Location: 301 FRANKLIN ST., OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	1.1	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-01 Date Collected: 12/04/14 13:36

Client ID: MW-1 Date Received: 12/05/14

Sample Location: 301 FRANKLIN ST., OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	48	J	ug/l			1
Unknown	18	J	ug/l			1
Unknown	6.0	J	ug/l			1
Butane, 2,2-dimethyl-	2.1	NJ	ug/l			1
Butane, 2,3-Dimethyl-	8.0	NJ	ug/l			1
Pentane, 2,4-dimethyl-	2.0	NJ	ug/l			1
Unknown Cycloalkane	1.5	J	ug/l			1
Unknown Cycloaromatic	2.5	J	ug/l			1
Unknown Cycloaromatic	2.4	J	ug/l			1
Unknown Cycloaromatic	3.0	J	ug/l			1
Unknown Benzene	2.2	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	101		70-130

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-02
Client ID: MW-2
Sample Location: 301 FRANKLIN ST., OLEAN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/09/14 15:21
Analyst: PD

Date Collected: 12/04/14 12:30
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	0.16	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-02 Date Collected: 12/04/14 12:30

Client ID: MW-2 Date Received: 12/05/14

Sample Location: 301 FRANKLIN ST., OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	1.6	J	ug/l	2.5	0.70	1
tert-Butylbenzene	1.5	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	2.8	J	ug/l	10	0.40	1

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-02 Date Collected: 12/04/14 12:30

Client ID: MW-2 Date Received: 12/05/14

Sample Location: 301 FRANKLIN ST., OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	160	J	ug/l			1
Unknown	18	J	ug/l			1
Cyclopentane, 1,1-dimethyl-	15	NJ	ug/l			1
Unknown Cycloalkane	16	J	ug/l			1
Unknown Cycloalkane	16	J	ug/l			1
Unknown Cycloalkane	13	J	ug/l			1
Unknown	13	J	ug/l			1
Indane	20	NJ	ug/l			1
Unknown Cycloaromatic	18	J	ug/l			1
Unknown Cycloaromatic	19	J	ug/l			1
Unknown Cycloaromatic	14	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	98		70-130

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-03
Client ID: MW-3
Sample Location: 301 FRANKLIN ST., OLEAN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/09/14 15:57
Analyst: PD

Date Collected: 12/04/14 11:14
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-03 Date Collected: 12/04/14 11:14

Client ID: MW-3 Date Received: 12/05/14

Sample Location: 301 FRANKLIN ST., OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	1.5	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-03 Date Collected: 12/04/14 11:14

Client ID: MW-3 Date Received: 12/05/14

Sample Location: 301 FRANKLIN ST., OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	59	J	ug/l			1
Unknown	39	J	ug/l			1
Unknown Cyclopentane	3.2	J	ug/l			1
Unknown	1.9	J	ug/l			1
Unknown	2.1	J	ug/l			1
Bicyclo(3.2.1)octane	1.6	NJ	ug/l			1
Unknown	1.8	J	ug/l			1
Unknown Benzene	2.8	J	ug/l			1
Unknown 1H-Indene	2.5	J	ug/l			1
Unknown 1H-Indene	1.9	J	ug/l			1
Unknown Cycloaromatic	2.1	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	101		70-130

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-04
Client ID: MW-4
Sample Location: 301 FRANKLIN ST., OLEAN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/09/14 16:31
Analyst: PD

Date Collected: 12/04/14 12:00
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	0.16	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-04 Date Collected: 12/04/14 12:00

Client ID: MW-4 Date Received: 12/05/14

Sample Location: 301 FRANKLIN ST., OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	1.2	J	ug/l	2.5	0.70	1
tert-Butylbenzene	0.96	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-04 Date Collected: 12/04/14 12:00

Client ID: MW-4 Date Received: 12/05/14

Sample Location: 301 FRANKLIN ST., OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	110	J	ug/l			1
Unknown	28	J	ug/l			1
Unknown Cyclopentane	10	J	ug/l			1
Unknown Cyclopentane	18	J	ug/l			1
Unknown Cyclohexane	7.8	J	ug/l			1
Unknown Cyclohexane	8.7	J	ug/l			1
Unknown Cyclohexane	6.7	J	ug/l			1
Unknown Cyclohexane	9.3	J	ug/l			1
Unknown Cycloaromatic	8.3	J	ug/l			1
Unknown Benzene	7.7	J	ug/l			1
Unknown Cycloaromatic	6.3	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	100		70-130

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-05
Client ID: MW-5
Sample Location: 301 FRANKLIN ST., OLEAN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/09/14 17:06
Analyst: PD

Date Collected: 12/04/14 14:00
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-05 Date Collected: 12/04/14 14:00

Client ID: MW-5 Date Received: 12/05/14

Sample Location: 301 FRANKLIN ST., OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-05 Date Collected: 12/04/14 14:00

Client ID: MW-5 Date Received: 12/05/14

Sample Location: 301 FRANKLIN ST., OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	20	J	ug/l			1
Sulfur Dioxide	12	NJ	ug/l			1
Butane, 2,3-Dimethyl-	1.5	NJ	ug/l			1
Unknown	1.0	J	ug/l			1
Unknown Cyclopentane	1.5	J	ug/l			1
Unknown Cyclohexane	1.9	J	ug/l			1
Unknown	1.6	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	99		70-130

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-06
Client ID: MW-6
Sample Location: 301 FRANKLIN ST., OLEAN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/09/14 17:40
Analyst: PD

Date Collected: 12/04/14 13:10
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-06 Date Collected: 12/04/14 13:10

Client ID: MW-6 Date Received: 12/05/14

Sample Location: 301 FRANKLIN ST., OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	3.8	J	ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	1.0	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-06 Date Collected: 12/04/14 13:10

Client ID: MW-6 Date Received: 12/05/14

Sample Location: 301 FRANKLIN ST., OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	150	J	ug/l			1
Unknown	100	J	ug/l			1
Pentane, 3-methyl-	4.5	NJ	ug/l			1
Benzene, (2-methylpropyl)-	3.4	NJ	ug/l			1
Unknown Benzene	4.4	J	ug/l			1
Unknown 1H-Indene	6.5	J	ug/l			1
Unknown Benzene	5.1	J	ug/l			1
Unknown Cycloaromatic	8.2	J	ug/l			1
Unknown Naphthalene	10	J	ug/l			1
Unknown Cycloaromatic	7.1	J	ug/l			1
Unknown Naphthalene	4.0	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	99		70-130

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-07
Client ID: TRIP BLANK
Sample Location: 301 FRANKLIN ST., OLEAN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/10/14 12:52
Analyst: PD

Date Collected: 12/04/14 08:00
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-07 Date Collected: 12/04/14 08:00

Client ID: TRIP BLANK Date Received: 12/05/14

Sample Location: 301 FRANKLIN ST., OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-07 Date Collected: 12/04/14 08:00

Client ID: TRIP BLANK Date Received: 12/05/14

Sample Location: 301 FRANKLIN ST., OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	100		70-130

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-08
Client ID: BLIND DUP
Sample Location: 301 FRANKLIN ST., OLEAN, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/09/14 18:49
Analyst: PD

Date Collected: 12/04/14 09:00
Date Received: 12/05/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-08 Date Collected: 12/04/14 09:00

Client ID: BLIND DUP Date Received: 12/05/14

Sample Location: 301 FRANKLIN ST., OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	1.5	J	ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: DST PROPERTIES **Lab Number:** L1429356

Project Number: 0189-014-001 **Report Date:** 12/11/14

SAMPLE RESULTS

Lab ID: L1429356-08 Date Collected: 12/04/14 09:00

Client ID: BLIND DUP Date Received: 12/05/14

Sample Location: 301 FRANKLIN ST., OLEAN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	73	J	ug/l			1
Unknown	54	J	ug/l			1
Butane, 2,3-Dimethyl-	1.5	NJ	ug/l			1
Unknown Alkane	3.2	J	ug/l			1
Unknown	1.9	J	ug/l			1
Bicyclo(3.2.1)octane	1.7	NJ	ug/l			1
Unknown	1.7	J	ug/l			1
Unknown Benzene	3.3	J	ug/l			1
Unknown 1H-Indene	2.2	J	ug/l			1
Unknown Cycloaromatic	1.8	J	ug/l			1
Unknown Cycloaromatic	2.1	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	100		70-130

Project Name: DST PROPERTIES
Project Number: 0189-014-001

Lab Number: L1429356
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/09/14 11:56
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,08 Batch: WG746998-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: DST PROPERTIES
Project Number: 0189-014-001

Lab Number: L1429356
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/09/14 11:56
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,08 Batch: WG746998-3					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	41.

Project Name: DST PROPERTIES
Project Number: 0189-014-001

Lab Number: L1429356
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/09/14 11:56
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,08 Batch: WG746998-3					
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND		ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	100		70-130

Project Name: DST PROPERTIES
Project Number: 0189-014-001
Lab Number: L1429356
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 12:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG747327-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: DST PROPERTIES
Project Number: 0189-014-001

Lab Number: L1429356
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 12:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG747327-3					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	41.

Project Name: DST PROPERTIES
Project Number: 0189-014-001

Lab Number: L1429356
Report Date: 12/11/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/10/14 12:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG747327-3					
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND		ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DST PROPERTIES

Project Number: 0189-014-001

Lab Number: L1429356

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08 Batch: WG746998-1 WG746998-2								
Methylene chloride	90		79		70-130	13		20
1,1-Dichloroethane	96		84		70-130	13		20
Chloroform	95		84		70-130	12		20
Carbon tetrachloride	90		80		63-132	12		20
1,2-Dichloropropane	97		84		70-130	14		20
Dibromochloromethane	91		78		63-130	15		20
1,1,2-Trichloroethane	94		82		70-130	14		20
Tetrachloroethene	88		76		70-130	15		20
Chlorobenzene	95		82		75-130	15		20
Trichlorofluoromethane	90		80		62-150	12		20
1,2-Dichloroethane	98		87		70-130	12		20
1,1,1-Trichloroethane	95		83		67-130	13		20
Bromodichloromethane	96		84		67-130	13		20
trans-1,3-Dichloropropene	95		80		70-130	17		20
cis-1,3-Dichloropropene	92		79		70-130	15		20
1,1-Dichloropropene	92		81		70-130	13		20
Bromoform	90		76		54-136	17		20
1,1,2,2-Tetrachloroethane	93		81		67-130	14		20
Benzene	91		81		70-130	12		20
Toluene	95		83		70-130	13		20
Ethylbenzene	98		85		70-130	14		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DST PROPERTIES

Project Number: 0189-014-001

Lab Number: L1429356

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08 Batch: WG746998-1 WG746998-2								
Chloromethane	107		89		64-130	18		20
Bromomethane	119		102		39-139	15		20
Vinyl chloride	93		80		55-140	15		20
Chloroethane	89		75		55-138	17		20
1,1-Dichloroethene	82		70		61-145	16		20
trans-1,2-Dichloroethene	86		75		70-130	14		20
Trichloroethene	91		80		70-130	13		20
1,2-Dichlorobenzene	95		82		70-130	15		20
1,3-Dichlorobenzene	95		83		70-130	13		20
1,4-Dichlorobenzene	95		82		70-130	15		20
Methyl tert butyl ether	84		75		63-130	11		20
p/m-Xylene	98		85		70-130	14		20
o-Xylene	99		86		70-130	14		20
cis-1,2-Dichloroethene	88		77		70-130	13		20
Dibromomethane	92		80		70-130	14		20
1,2,3-Trichloropropane	92		82		64-130	11		20
Acrylonitrile	88		73		70-130	19		20
Isopropyl Ether	98		86		70-130	13		20
tert-Butyl Alcohol	**64**	Q	**58**	Q	70-130	10		20
Styrene	98		85		70-130	14		20
Dichlorodifluoromethane	60		52		36-147	14		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: DST PROPERTIES
Project Number: 0189-014-001

Lab Number: L1429356
Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08 Batch: WG746998-1 WG746998-2								
Acetone	66		60		58-148	10		20
Carbon disulfide	76		63		51-130	19		20
2-Butanone	75		71		63-138	5		20
Vinyl acetate	89		75		70-130	17		20
4-Methyl-2-pentanone	86		77		59-130	11		20
2-Hexanone	83		74		57-130	11		20
Acrolein	87		70		40-160	**22**	Q	20
Bromochloromethane	90		78		70-130	14		20
2,2-Dichloropropane	91		78		63-133	15		20
1,2-Dibromoethane	91		80		70-130	13		20
1,3-Dichloropropane	95		84		70-130	12		20
1,1,1,2-Tetrachloroethane	98		85		64-130	14		20
Bromobenzene	94		81		70-130	15		20
n-Butylbenzene	100		88		53-136	13		20
sec-Butylbenzene	102		88		70-130	15		20
tert-Butylbenzene	102		88		70-130	15		20
o-Chlorotoluene	104		89		70-130	16		20
p-Chlorotoluene	104		89		70-130	16		20
1,2-Dibromo-3-chloropropane	94		79		41-144	17		20
Hexachlorobutadiene	97		81		63-130	18		20
Isopropylbenzene	99		85		70-130	15		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DST PROPERTIES

Project Number: 0189-014-001

Lab Number: L1429356

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08 Batch: WG746998-1 WG746998-2								
p-Isopropyltoluene	100		87		70-130	14		20
Naphthalene	84		74		70-130	13		20
n-Propylbenzene	102		88		69-130	15		20
1,2,3-Trichlorobenzene	81		70		70-130	15		20
1,2,4-Trichlorobenzene	85		74		70-130	14		20
1,3,5-Trimethylbenzene	103		91		64-130	12		20
1,2,4-Trimethylbenzene	102		89		70-130	14		20
Methyl Acetate	90		79		70-130	13		20
Ethyl Acetate	86		74		70-130	15		20
Cyclohexane	90		79		70-130	13		20
Ethyl-Tert-Butyl-Ether	90		79		70-130	13		20
Tertiary-Amyl Methyl Ether	83		73		66-130	13		20
1,4-Dioxane	76		**52**	Q	56-162	**38**	Q	20
Freon-113	84		75		70-130	11		20
1,4-Diethylbenzene	109		92		70-130	17		20
4-Ethyltoluene	100		87		70-130	14		20
1,2,4,5-Tetramethylbenzene	99		86		70-130	14		20
Ethyl ether	86		76		59-134	12		20
trans-1,4-Dichloro-2-butene	97		82		70-130	17		20
Iodomethane	103		110		70-130	7		20
Methyl cyclohexane	93		80		70-130	15		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DST PROPERTIES

Project Number: 0189-014-001

Lab Number: L1429356

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08 Batch: WG746998-1 WG746998-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		105		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	106		107		70-130
Dibromofluoromethane	99		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DST PROPERTIES

Project Number: 0189-014-001

Lab Number: L1429356

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG747327-1 WG747327-2								
Methylene chloride	92		78		70-130	16		20
1,1-Dichloroethane	97		83		70-130	16		20
Chloroform	98		81		70-130	19		20
Carbon tetrachloride	95		79		63-132	18		20
1,2-Dichloropropane	101		86		70-130	16		20
Dibromochloromethane	98		82		63-130	18		20
1,1,2-Trichloroethane	100		84		70-130	17		20
Tetrachloroethene	93		77		70-130	19		20
Chlorobenzene	99		82		75-130	19		20
Trichlorofluoromethane	93		77		62-150	19		20
1,2-Dichloroethane	99		86		70-130	14		20
1,1,1-Trichloroethane	99		82		67-130	19		20
Bromodichloromethane	102		88		67-130	15		20
trans-1,3-Dichloropropene	99		82		70-130	19		20
cis-1,3-Dichloropropene	99		83		70-130	18		20
1,1-Dichloropropene	97		80		70-130	19		20
Bromoform	102		83		54-136	**21**	Q	20
1,1,2,2-Tetrachloroethane	106		87		67-130	20		20
Benzene	96		81		70-130	17		20
Toluene	97		82		70-130	17		20
Ethylbenzene	100		84		70-130	17		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DST PROPERTIES

Project Number: 0189-014-001

Lab Number: L1429356

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG747327-1 WG747327-2								
Chloromethane	93		64		64-130	**37**	Q	20
Bromomethane	72		61		39-139	17		20
Vinyl chloride	87		69		55-140	**23**	Q	20
Chloroethane	87		71		55-138	20		20
1,1-Dichloroethene	87		73		61-145	18		20
trans-1,2-Dichloroethene	91		75		70-130	19		20
Trichloroethene	96		84		70-130	13		20
1,2-Dichlorobenzene	103		85		70-130	19		20
1,3-Dichlorobenzene	102		84		70-130	19		20
1,4-Dichlorobenzene	102		84		70-130	19		20
Methyl tert butyl ether	94		78		63-130	19		20
p/m-Xylene	101		85		70-130	17		20
o-Xylene	102		85		70-130	18		20
cis-1,2-Dichloroethene	91		74		70-130	**21**	Q	20
Dibromomethane	96		83		70-130	15		20
1,2,3-Trichloropropane	103		85		64-130	19		20
Acrylonitrile	103		87		70-130	17		20
Isopropyl Ether	104		87		70-130	18		20
tert-Butyl Alcohol	71		**66**	Q	70-130	7		20
Styrene	102		85		70-130	18		20
Dichlorodifluoromethane	61		52		36-147	16		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: DST PROPERTIES
Project Number: 0189-014-001

Lab Number: L1429356
Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG747327-1 WG747327-2								
Acetone	65		61		58-148	6		20
Carbon disulfide	84		68		51-130	**21**	Q	20
2-Butanone	83		72		63-138	14		20
Vinyl acetate	94		81		70-130	15		20
4-Methyl-2-pentanone	98		83		59-130	17		20
2-Hexanone	95		78		57-130	20		20
Acrolein	92		75		40-160	20		20
Bromochloromethane	96		81		70-130	17		20
2,2-Dichloropropane	100		82		63-133	20		20
1,2-Dibromoethane	97		81		70-130	18		20
1,3-Dichloropropane	100		83		70-130	19		20
1,1,1,2-Tetrachloroethane	103		85		64-130	19		20
Bromobenzene	100		82		70-130	20		20
n-Butylbenzene	110		89		53-136	**21**	Q	20
sec-Butylbenzene	109		87		70-130	**22**	Q	20
tert-Butylbenzene	108		87		70-130	**22**	Q	20
o-Chlorotoluene	107		88		70-130	19		20
p-Chlorotoluene	109		89		70-130	20		20
1,2-Dibromo-3-chloropropane	107		90		41-144	17		20
Hexachlorobutadiene	103		81		63-130	**24**	Q	20
Isopropylbenzene	102		85		70-130	18		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: DST PROPERTIES
Project Number: 0189-014-001

Lab Number: L1429356
Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG747327-1 WG747327-2								
p-Isopropyltoluene	108		87		70-130	**22**	Q	20
Naphthalene	99		83		70-130	18		20
n-Propylbenzene	106		87		69-130	20		20
1,2,3-Trichlorobenzene	93		77		70-130	19		20
1,2,4-Trichlorobenzene	97		78		70-130	**22**	Q	20
1,3,5-Trimethylbenzene	109		88		64-130	**21**	Q	20
1,2,4-Trimethylbenzene	109		89		70-130	20		20
Methyl Acetate	93		81		70-130	14		20
Ethyl Acetate	88		78		70-130	12		20
Cyclohexane	98		81		70-130	19		20
Ethyl-Tert-Butyl-Ether	98		82		70-130	18		20
Tertiary-Amyl Methyl Ether	93		79		66-130	16		20
1,4-Dioxane	75		63		56-162	17		20
Freon-113	91		76		70-130	18		20
1,4-Diethylbenzene	118		94		70-130	**23**	Q	20
4-Ethyltoluene	105		86		70-130	20		20
1,2,4,5-Tetramethylbenzene	108		88		70-130	20		20
Ethyl ether	93		76		59-134	20		20
trans-1,4-Dichloro-2-butene	104		85		70-130	20		20
Iodomethane	99		99		70-130	0		20
Methyl cyclohexane	103		85		70-130	19		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DST PROPERTIES

Project Number: 0189-014-001

Lab Number: L1429356

Report Date: 12/11/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG747327-1 WG747327-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		102		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	105		104		70-130
Dibromofluoromethane	100		100		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: DST PROPERTIES
Project Number: 0189-014-001

Lab Number: L1429356
Report Date: 12/11/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08 QC Batch ID: WG746998-4 WG746998-5 QC Sample: L1429356-01 Client ID: MW-1												
Methylene chloride	ND	10	8.1	81		8.5	85		70-130	5		20
1,1-Dichloroethane	ND	10	8.9	89		9.6	96		70-130	8		20
Chloroform	ND	10	8.6	86		9.2	92		70-130	7		20
Carbon tetrachloride	ND	10	8.1	81		9.3	94		63-132	14		20
1,2-Dichloropropane	ND	10	8.8	88		9.6	96		70-130	9		20
Dibromochloromethane	ND	10	7.9	79		8.8	88		63-130	11		20
1,1,2-Trichloroethane	ND	10	8.5	85		9.2	92		70-130	8		20
Tetrachloroethene	ND	10	7.7	77		8.8	88		70-130	13		20
Chlorobenzene	ND	10	8.1	81		9.0	90		75-130	11		20
Trichlorofluoromethane	ND	10	8.2	82		9.3	93		62-150	13		20
1,2-Dichloroethane	ND	10	8.8	88		9.6	96		70-130	9		20
1,1,1-Trichloroethane	ND	10	8.7	87		9.7	97		67-130	11		20
Bromodichloromethane	ND	10	8.7	87		9.5	95		67-130	9		20
trans-1,3-Dichloropropene	ND	10	8.0	80		8.8	88		70-130	10		20
cis-1,3-Dichloropropene	ND	10	8.2	82		9.1	91		70-130	10		20
1,1-Dichloropropene	ND	10	8.3	83		9.5	95		70-130	13		20
Bromoform	ND	10	7.7	77		8.6	86		54-136	11		20
1,1,2,2-Tetrachloroethane	ND	10	8.4	84		9.6	96		67-130	13		20
Benzene	ND	10	8.4	84		9.3	93		70-130	10		20
Toluene	ND	10	8.4	84		9.3	93		70-130	10		20
Ethylbenzene	ND	10	8.4	84		9.4	95		70-130	11		20

Matrix Spike Analysis
Batch Quality Control

Project Name: DST PROPERTIES
Project Number: 0189-014-001

Lab Number: L1429356
Report Date: 12/11/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08 QC Batch ID: WG746998-4 WG746998-5 QC Sample: L1429356-01 Client ID: MW-1												
Chloromethane	ND	10	9.4	94		10	101		64-130	6		20
Bromomethane	ND	10	3.4	**34**	Q	4.1	42		39-139	19		20
Vinyl chloride	ND	10	8.2	82		9.4	94		55-140	14		20
Chloroethane	ND	10	7.9	79		8.7	87		55-138	10		20
1,1-Dichloroethene	ND	10	7.7	77		8.4	84		61-145	9		20
trans-1,2-Dichloroethene	ND	10	7.9	79		8.9	89		70-130	12		20
Trichloroethene	ND	10	8.5	85		9.6	96		70-130	12		20
1,2-Dichlorobenzene	ND	10	8.2	82		9.0	90		70-130	9		20
1,3-Dichlorobenzene	ND	10	8.1	81		9.0	90		70-130	11		20
1,4-Dichlorobenzene	ND	10	8.1	81		9.0	90		70-130	11		20
Methyl tert butyl ether	ND	10	8.3	83		9.1	91		63-130	9		20
p/m-Xylene	ND	20	17	84		19	94		70-130	11		20
o-Xylene	ND	20	17	84		19	95		70-130	11		20
cis-1,2-Dichloroethene	ND	10	8.1	81		8.8	88		70-130	8		20
Dibromomethane	ND	10	8.1	81		9.1	91		70-130	12		20
1,2,3-Trichloropropane	ND	10	8.4	85		9.2	92		64-130	9		20
Acrylonitrile	ND	10	7.8	78		8.7	87		70-130	11		20
Isopropyl Ether	ND	10	9.4	94		10	101		70-130	6		20
tert-Butyl Alcohol	ND	50	27	**54**	Q	30	**60**	Q	70-130	11		20
Styrene	ND	20	17	83		19	94		70-130	11		20
Dichlorodifluoromethane	ND	10	5.2	52		5.9	59		36-147	13		20

Matrix Spike Analysis
Batch Quality Control

Project Name: DST PROPERTIES
Project Number: 0189-014-001

Lab Number: L1429356
Report Date: 12/11/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08 QC Batch ID: WG746998-4 WG746998-5 QC Sample: L1429356-01 Client ID: MW-1												
Acetone	ND	10	4.7J	**48**	Q	3.6J	**36**	Q	58-148	**27**	Q	20
Carbon disulfide	ND	10	8.5	85		7.8	78		51-130	9		20
2-Butanone	ND	10	7.0	70		7.2	72		63-138	3		20
Vinyl acetate	ND	10	8.2	82		8.8	88		70-130	7		20
4-Methyl-2-pentanone	ND	10	8.5	85		9.1	91		59-130	7		20
2-Hexanone	ND	10	8.3	83		9.0	90		57-130	8		20
Acrolein	ND	10	16	155		16	155		40-160	0		20
Bromochloromethane	ND	10	8.3	83		9.0	90		70-130	8		20
2,2-Dichloropropane	ND	10	7.6	77		8.6	86		63-133	12		20
1,2-Dibromoethane	ND	10	8.3	83		9.1	91		70-130	9		20
1,3-Dichloropropane	ND	10	8.5	85		9.3	93		70-130	9		20
1,1,1,2-Tetrachloroethane	ND	10	8.3	83		9.1	91		64-130	9		20
Bromobenzene	ND	10	8.1	81		9.0	90		70-130	11		20
n-Butylbenzene	ND	10	8.8	88		9.7	97		53-136	10		20
sec-Butylbenzene	ND	10	8.5	85		9.7	97		70-130	13		20
tert-Butylbenzene	1.1J	10	9.6	96		11	107		70-130	14		20
o-Chlorotoluene	ND	10	8.5	85		9.5	95		70-130	11		20
p-Chlorotoluene	ND	10	8.6	86		9.6	96		70-130	11		20
1,2-Dibromo-3-chloropropane	ND	10	8.9	89		9.7	97		41-144	9		20
Hexachlorobutadiene	ND	10	7.3	73		8.4	84		63-130	14		20
Isopropylbenzene	ND	10	8.4	84		9.5	95		70-130	12		20

Matrix Spike Analysis
Batch Quality Control

Project Name: DST PROPERTIES
Project Number: 0189-014-001

Lab Number: L1429356
Report Date: 12/11/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08 QC Batch ID: WG746998-4 WG746998-5 QC Sample: L1429356-01 Client ID: MW-1												
p-Isopropyltoluene	ND	10	8.5	85		9.5	95		70-130	11		20
Naphthalene	ND	10	8.6	86		9.4	94		70-130	9		20
n-Propylbenzene	ND	10	8.5	85		9.7	97		69-130	13		20
1,2,3-Trichlorobenzene	ND	10	7.8	78		8.7	87		70-130	11		20
1,2,4-Trichlorobenzene	ND	10	7.7	77		8.6	86		70-130	11		20
1,3,5-Trimethylbenzene	ND	10	8.6	86		9.7	97		64-130	12		20
1,2,4-Trimethylbenzene	ND	10	8.7	87		9.7	97		70-130	11		20
Methyl Acetate	ND	10	7.2	72		8.4	84		70-130	15		20
Ethyl Acetate	ND	10	7.7J	77		8.2J	82		70-130	6		20
Cyclohexane	ND	10	8.7J	87		9.9J	99		70-130	13		20
Ethyl-Tert-Butyl-Ether	ND	10	8.6	86		9.3	94		70-130	8		20
Tertiary-Amyl Methyl Ether	ND	10	8.3	83		9.1	91		66-130	9		20
1,4-Dioxane	ND	500	290	59		330	66		56-162	13		20
Freon-113	ND	10	7.7	77		8.6	86		70-130	11		20
1,4-Diethylbenzene	ND	10	9.1	91		10	101		70-130	9		20
4-Ethyltoluene	ND	10	8.4	85		9.6	96		70-130	13		20
1,2,4,5-Tetramethylbenzene	ND	10	8.5	85		9.5	95		70-130	11		20
Ethyl ether	ND	10	8.3	83		8.6	86		59-134	4		20
trans-1,4-Dichloro-2-butene	ND	10	8.0	80		8.4	84		70-130	5		20
Iodomethane	ND	10	9.3	93		10	100		70-130	7		20
Methyl cyclohexane	ND	10	8.1J	81		9.1J	91		70-130	12		20

Matrix Spike Analysis
Batch Quality Control

Project Name: DST PROPERTIES
Project Number: 0189-014-001

Lab Number: L1429356
Report Date: 12/11/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08 QC Batch ID: WG746998-4 WG746998-5 QC Sample: L1429356-01 Client ID: MW-1												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		102		70-130
4-Bromofluorobenzene	109		110		70-130
Dibromofluoromethane	103		103		70-130
Toluene-d8	100		99		70-130

Project Name: DST PROPERTIES
Project Number: 0189-014-001

Lab Number: L1429356
Report Date: 12/11/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429356-01A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-01A1	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-01A2	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-01B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-01B1	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-01B2	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-01C	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-01C1	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-01C2	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-02A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-02B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-02C	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-03A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-03B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-03C	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-04A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-04B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-04C	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-05A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-05B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-06A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-06B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-06C	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-07A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-07B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-08A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1429356-08B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: DST PROPERTIES
Project Number: 0189-014-001

Lab Number: L1429356
Report Date: 12/11/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1429356-08C	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	DST PROPERTIES	**Lab Number:**	L1429356
Project Number:	0189-014-001	**Report Date:**	12/11/14

GLOSSARY

Acronyms

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

Footnotes

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

Terms

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

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

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Report Format: DU Report with 'J' Qualifiers

Project Name:	DST PROPERTIES	**Lab Number:**	L1429356
Project Number:	0189-014-001	**Report Date:**	12/11/14

Data Qualifiers

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	DST PROPERTIES	**Lab Number:**	L1429356
Project Number:	0189-014-001	**Report Date:**	12/11/14

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

Last revised April 15, 2014

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

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

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

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

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

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

ALPHA

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 12/6/14

ALPHA Job#: L1429856

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Project Information

Project Name: DST Properties

Project Location: 301 Franklin St, Olean NY

Project #: 089-014-001

(Use Project name as Project #) ☐

Project Manager: Ray Laport

ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date: 12/12/14

Rush (only if pre approved) ☐ # of Days:

Client Information

Client: Turnkey

Address: 2558 Hamburg Turnpike, Buffalo NY 14218

Phone: 716-856-0599

Fax: 716-856-0583

Email:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info

PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:

☐ NJ ☐ NY

☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT-B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do

Preservation
☐ Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	[crossed out]	[crossed out]	TCL + CP51 VOC including TICs	Sample Specific Comments	Total Bottles
29856-01	MW-1 (MS/MSD)	12-4-14	13:36	GW	PWW			X		9
-02	MW-2	↓	12:30	↓	↓			X		3
-03	MW-3	↓	11:14	↓	↓			X		3
-04	MW-4	↓	12:00	↓	↓			X		3
-05	MW-5	↓	14:00	↓	↓			X		2
-06	MW-6	↓	13:10	↓	↓			X		3
-07	Trip Blank	↓	8:00	↓	↓			X		2
-08	Blind Dup	↓	9:00	↓	↓			X		3

Preservative Code	Container Code
A = None	P = Plastic
B = HCl	A = Amber Glass
C = HNO_3	V = Vial
D = H_2SO_4	G = Glass
E = NaOH	B = Bacteria Cup
F = MeOH	C = Cube
G = $NaHSO_4$	O = Other
H = $Na_2S_2O_3$	E = Encore
K/E = Zn Ac/NaOH	D = BOD Bottle
O = Other	

Westboro: Certification No: MA935

Mansfield: Certification No: MA015

Container Type

Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible signature]	12-4-14 17:00	[illegible signature] AAL	12-5-14 17:00
[illegible signature]	12-5-14 18:50	[illegible signature]	12/5/14 18:50
[illegible signature]	12/5/14 22:4[illegible]	[illegible signature]	12/5/14 22:4[illegible]
[illegible signature]	12/6/14 02:00	[illegible signature]	12/6/14 02:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)