AECOM Environment

Prepared for:
Superfund Standby Program
NYSDEC
Albany, NY

Prepared by:
AECOM
Chestnut Ridge, NY
60250556
July 2015

2015 Periodic Review Report – OU1
Review Period: February 2013 through December 2014
Farmingdale Plaza Cleaners Site, Site #1-30-107
Work Assignment No. D007626-14.1

Final

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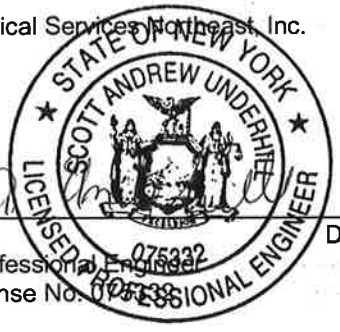
Engineering Certification

I, Scott A. Underhill, certify that I am currently a NYS registered professional engineer and that this Periodic Review Report for the Farmingdale Plaza Site (Site Number # 1-30-107) Operable Unit 1 (OU1) was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

Respectfully submitted,

AECOM Technical Services Northeast, Inc.



Scott Underhill — 7-20-15
Registered Professional Engineer — Date
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Contents

List of Tables

List of Figures

List of Appendices

1.0 Site Overview

AECOM has prepared this periodic review report (PRR) for the Farmingdale Plaza Cleaners Site, located in the Town of Farmingdale, Nassau County, New York. This PRR covers the period of February 2013 through December 2014. This work was performed for the New York State Department of Environmental Conservation (NYSDEC) under Work Assignment D007626-14 of AECOM's Superfund Standby Contract with NYSDEC. The NYSDEC has assigned the Site the ID No. 1-30-107 on the NYSDEC's registry of inactive hazardous waste sites. Farmingdale Plaza Cleaners is a Class 2 site. A record of decision (ROD) for operable unit 1 (OU-1) issued in March 2012 deals with the on-site soil and soil vapor. A ROD for OU-2, on-site and off-site groundwater, was issued in March 2014. This PRR is only for OU1, on-site soil and soil vapor.

1.1 Objectives of the Periodic Review

The periodic review process is used for determining if a remedy continues to be properly managed as set forth in the guidance documents for the Site, and is protective of human health and the environment. The objectives of the periodic review for sites in the State Superfund Program are as follows:

- Determine if the remedy remains in place, is performing properly and effectively, and is protective of public health and the environment;
- Evaluate compliance with the decision document(s) and the site management plan (SMP);
- Evaluate the condition of the remedy;
- Verify, if appropriate, that the intent of ICs continues to be met, and that ECs remain in place, are effective and protective of public health and the environment; and
- Evaluate the implemented remedies' effectiveness towards moving the Site to closure.

1.2 Remedial History

The Farmingdale Plaza Cleaners (Site) is located at 450 Main Street in Farmingdale, Nassau County, New York (Figure 1). The Farmingdale Plaza Cleaners operated a dry cleaning business from 1983 to 2008. These operations led to environmental contamination at the Plaza and migration of contaminants off-site.

Environmental investigations near the Site began in the late 1990s as a result of a nearby National Priority List (NPL) site, known as the Liberty Industrial Finishing NPL Site (LIFS), located approximately 1,000 feet south (downgradient) of the Plaza (Figure 2). A groundwater plume, identified as Plume B, of tetrachloroethene (PCE) was identified at the LIFS as coming from an upgradient source and was subsequently found to be originating from the Site during a remedial investigation performed in 1999.

In 2000, a Phase I Environmental Assessment was completed by Malcolm Pirnie on behalf of A&P, the owner of Farmingdale Plaza. Malcolm Pirnie conducted a Phase II Site Investigation in 2001. Soil samples were collected from two soil borings and two groundwater samples were collected from two monitoring wells. Malcolm Pirnie suggested that the groundwater contamination was a result of an off-site source but NYSDEC did not concur.

In 2001, an Environmental Site Investigation was conducted by Whitestone Associates on behalf of A&P. Soil and groundwater samples from ten soil borings and six existing monitoring wells were collected. No VOCs were reported in soil samples but PCE, trichloroethene (TCE), and cis-1,2-dichloroethene were detected in several groundwater samples.

The Site was listed as a Class 2 Inactive Hazardous Waste Site in December 2002.

In 2003, Whitestone Associates conducted a Historical Site Use Investigation. The investigation found no VOCs present in soils above the Technical and Administrative Guidance Memorandum Remedial Program Soil Cleanup Objectives (TAGM RSCOs). Groundwater contamination was identified as unrelated to historic Site activities. In addition, groundwater flow was interpreted as flowing south to north. Subsequent investigations by USEPA and NYSDEC interpreted groundwater flow as north to south.

An investigation conducted by Earth Tech for USEPA at the LIFS in 2004 confirmed that Plume B originated in the vicinity of Farmingdale Plaza. High levels of soil vapor were also identified in the parking lot area to the south of the Site.

Whitestone Associates conduct a Supplemental Remedial Investigation in 2004. The investigation concluded that there was no evidence of a PCE source at the Site and groundwater contamination was a result of background conditions. NYSDEC did not concur with these conclusions.

In January 2005, NYSDEC referred the Farmingdale Plaza Cleaners Site for funding by the State Superfund for implementation of a remedial investigation/feasibility study (RI/FS).

O'Brien & Gere conducted a remedial investigation (RI) on behalf of NYSDEC in 2006 and 2007. The RI identified PCE and degradation products in soil and groundwater above cleanup standards. The RI report recommended mitigation efforts at the Plaza and the Garden Apartments.

In 2008, YU & Associates, a subconsultant of AECOM, conducted an off-site groundwater investigation on behalf of NYSDEC. Ten Solinst continuous multilevel tubing (CMT) monitoring wells were install at off-site locations along two transects as shown on Figure 2. Each CMT was completed with seven separate screened intervals to characterize the saturated portion of the Upper Glacial Aquifer. Groundwater samples were collected from 69 of the 70 CMT channels and four existing monitoring wells. Groundwater flow was confirmed moving towards the south. PCE and its

degradation products were detected in numerous samples at concentrations exceeding the Class GA standard of 5 micrograms per liter (µg/L).

A SVE system was selected as an interim remedial measure (IRM) to prevent exposure to contaminated soil vapors and treat residual soil contamination. A SVE pilot test was performed by Yu & Associates (subconsultant of AECOM) in February 2009. The results of the pilot study were used to design a full-scale SVE system (AECOM, 2011). Environmental Assessment and Remediations (EAR) was selected to install the SVE system by NYSDEC using a bidding process. A chronology of events is show on Table 1. The system was constructed July through September 2011 and began operation on November 1, 2011. Several rounds of soil vapor samples were collected. Sample dates and locations are shown on Table 2. Between the period of November 1, 2011 and January 5, 2015, the SVE system has removed 19.93 pounds of total VOCs.

A ROD was issued in March 2012 with the selected remedy of No Further Action with the stipulation that the IRM continue operation until no longer necessary and the implementation of any prescribed ICs/ECs that have been identified for the Site.

The PR process is used for determining if a remedy continues to be properly managed, as set forth in the ROD and continues to be protective of human health and the environment for the areas covered under the SVE system. The results from the previous PRR, covering the period of September 2011 through January 2013, determined that the Site was in general compliance with the ROD.

2.0 Evaluate Remedy Performance, Effectiveness, and Protectiveness

2.1 Interim Remedial Measure – Soil Vapor Extraction System

The NYSDEC approved an IRM work plan in February 2009 to address soil and soil vapor contamination identified during the remedial investigation. Pilot tests for the SVE design were conducted in May and June 2009. EAR was selected by NYSDEC to install and operate the SVE system. Construction began in July 2011 and was completed in September 2011. Pre-system sampling was conducted in September 2011. The SVE system began operation in November 2011. A chronology of events is provided in Table 1.

As noted in the OU1 ROD, the remedial action objectives for the Site are:

- Prevent injection or direct contact with contaminated soil;
- Prevent inhalation of or exposure from contaminants volatilizing from contaminants in soil;
- Prevent migration of contaminants that would result in groundwater or surface water contamination;
- Prevent impacts to biota from injections/direct contact with soil causing toxicity or impacts from bioaccumulation through the terrestrial food chain; and
- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

The selected remedy for the Site is No Further Action with continued operation of the SVE system and the implementation of ICs/ECs for the site.

2.2 SVE System Operation and Maintenance

Operation and maintenance (O&M) inspections of the SVE system are conducted by EAR. O&M work is performed in accordance with the SVE System Operation and Maintenance Manual (EAR, April 2012). Operational data is collected to evaluate the system and routine maintenance is performed to minimize down time. NYSDEC has reduced the frequency of air sampling for the influent and effluent. EAR is currently only collecting effluent samples on a quarterly basis.

2.3 Indoor Air Sampling

Permanent subslab sampling points were installed in the former Waldbaum's, the former dry cleaners, the McDonalds restaurant, and the Garden Apartments. Permanent outdoor sampling points were installed next to the Lydia Apartments as access to the building was not obtained. In June 2012, additional points were installed in the Lucky House restaurant and the former card shop. Samples

were collected shortly after installation. Sampling locations are shown on Figure 3. The locations of sampling points and the structures sampled are based on an evaluation of previous sampling data and obtaining access to the property.

Six rounds of indoor air samples have been collected at the Site. A full round of samples was collected prior to system startup (September 2011) and again after one month of operation (January 2012). Since that time, four additional rounds of samples have been collected during the heating season: March 2012, December 2012, December 2013/January 2014, and December 2014.

3.0 IC/EC Plan Compliance Report

Engineering controls at the Site currently consist of the operation of a SVE system and environmental monitoring to determine effectiveness of the interim remedial measure (Figure 3A). ICs at the Site consist of an environmental easement, which has not been filed for the site yet.

3.1 IC/EC Requirements and Compliance

Determination of compliance with the IC/EC at the Site is made based on the following criteria:

- Nothing has occurred that would impair the ability of such controls to protect the public health and the environment, or constitute a violation or failure to comply with any element of the SMP for such controls; and
- Access to the Site will continue to be provided to the NYSDEC to evaluate the remedy, including access to evaluate the continued maintenance of such controls (*future access cannot be guaranteed, but access for maintenance and inspections has not been an issue to date, and is not anticipated to become one*).

3.2 IC/EC Certification Forms

Certification forms are not required at this time. The groundwater remedial investigation for OU-2 has been completed and the Site is currently in the remedial design phase.

4.0 Monitoring Plan Compliance Report

The various work plans (AECOM, 2010, 2011, 2012) and Operation and Maintenance (O&M) Manual (EAR, 2012) are referenced as the Site guidance documents. This PRR assesses whether the site has been managed as set forth in these documents during this review period, February 2013 through December 2014. Two rounds of soil vapor sampling, one per heating season, were conducted during this review period. EAR continued to collect effluent samples to monitor system operations.

The current monitoring program is as follows:

- Monitoring of the SVE system (presently performed by EAR); and
- Soil vapor sampling from various locations around the Site (presently performed by AECOM).

After each round of sampling, a report summarizing the results is prepared and forwarded to NYSDEC and New York State Department of Health (NYSDOH).

4.1 Monitoring Plan Compliance Report

The following summarizes monitoring activities at the Site conducted during this review period in accordance with the work assignments. Soil vapor sampling events at the Farmingdale Plaza were performed in December 2013, January 2014 and December 2014. System monitoring activities were performed monthly during this review period.

Influent sampling results during this reporting period have indicated decreasing concentrations which continue to be significantly below emission action levels. Consequently, NYSDEC and EAR made changes to the O&M Plan regarding monitoring and operation of the system (EAR, 2014d). System changes were implemented to reduce power to the system as a green remediation component while still being protective of the building occupants. The granular activated carbon (GAC) unit was disconnected from the system on September 27, 2013. SVE-1 was shut down on June 19, 2014. Due to these changes, monthly influent sampling was terminated in June 2014 and effluent sampling has been conducted quarterly since October 2014.

Structure Sampling

Co-located subslab and crawl space/indoor air samples have been collected from ten locations around the Site: one in McDonalds, four in the Garden Apartments, one in the Best Choice Cards & Gifts store, one in the Lucky House Restaurant, one in the former dry cleaners, and two in the former Waldbaum's Supermarket. Two soil vapor points in the parking lot next to the Milestone Apartments were also sampled. Two indoor air samples from residences inside the Lydia Apartments have also been collected. Structure samples were collected at six locations in December 2013/January 2014 as

shown on Table 1. Structure samples were collected from seven locations in December 2014 as shown on Table 1.

System Monitoring

Nine monthly influent samples were collected from SVE-1 during this review period as shown on Table 3. SVE-3 was connected to the system in July 2013 and 14 monthly influent samples have been collected since this location was brought on-line as shown on Table 4. Nine monthly influent samples were collected from SVE-5 during this review period as shown on Table 5. A summary of the effluent sampling conducted during this review period is shown on Table 6.

4.2 Confirm that Performance Standards are Being Met

The sections below discuss the results of the treatment system (influent/effluent) and structure sampling conducted in accordance with the guidance documents and provides a summary of the results. Although an air permit is not required for the site, air emissions for the SVE system are subject to the regulations as set forth in the NYSDEC Division of Air Resources DAR-1: Guidelines for the Control of Toxic Ambient Air Contaminants. Should emissions exceed the Annual Guidance Concentration (AGC) or Short-term Guidance Concentration (SGC) for any given contaminant, actions will be taken to immediately reduce emissions contaminant concentrations to below their respective AGC/SGC.

Based upon a nominal air flow rate of 300 cubic feet per minute (CFM), an actual exhaust stack height of 18-ft and an actual exhaust stack inner diameter of 3.826-inches, the maximum allowable emission rates for contaminants are as follows:

Contaminant	AGC (µg/m3)	SGC (µg/m3)	Maximum Allowable Emission Rate (lbs/hr)
Tetrachloroethene	1.0	1,000	0.01269
Trichloroethene	0.45	54,000	0.00444
1,2-Dichloroethene	1,900	n/a	24.13593

Soil vapor sampling results compared to NYSDOH decision matrices (NYSDOH, 2006).

System Influent Sampling

Influent samples were collected on a monthly basis by EAR from each of the three SVE extraction wells: SVE-1, SVE-3, and SVE-5 (Figure 3A). The summary for SVE-1 is shown on Table 3, the summary for SVE-3 is shown on Table 4, and the summary for SVE-5 is shown on Table 5. The treatment system mass removal of VOCs is shown on Figure 7.

While in operation, the flow rate for SVE-1 averaged 112.4 CFM. The cumulative removal of contaminants from February 14, 2013 through June 6, 2014 amounted to 1.4 pounds of total VOCs. SVE-1 is currently not in operation. The flow rate at SVE-3 averaged 156.9 CFM from July 29, 2013 through June 9, 2014 with a cumulative removal of 0.9 pounds of total VOCs. The flow rate at SVE-5 has averaged 116.2 CFM from February 14, 2013 through June 9, 2014, with a cumulative removal of contaminants of 2.0 pounds of total VOCs. At the request of NYSDEC, EAR stopped sampling the SVE influent in June 2014.

System Effluent Sampling

Prior to September 2013, effluent samples were collected on a monthly basis by EAR to monitoring the effectiveness of the treatment system in removing contaminants prior to being discharged to the atmosphere and to assess the performance of the granular activated carbon (GAC) system. In September 2013, the GAC units were disconnected from the system. A summary of SVE system effluent samples is presented in Table 6.

There were no exceedances of the effluent limits during the operating months February 2013 through December 2014.

Individual removal efficiencies for the GAC were calculated using the data from each sampling event where the influent and effluent lines were both analyzed. The overall efficiency was calculated using the cumulative removal masses. The results for the contaminants of concern and Total VOCs are shown in Table 7. The GAC has been highly efficient in removing VOCs from the influent line by absorbing greater than 80 percent of the cumulative VOC mass. The system was highly effective at removing PCE, TCE and 1,2-dichloroethane (DCA), generally removing over 99% percent. The system was less effective at removing 1,2-dichloroethene (DCE) and Total BTEX (benzene, toluene, ethylbenzene and xylenes) for which the overall removal efficiencies from the influent lines were less than 50 percent. The individual removal efficiencies specific to February 2013 to September 2013 (also shown on Table 7) were consistent with these results.

Structure Sampling

Two rounds of structure sampling were conducted during this review period: December 2013/January 2014 (heating season), and December 2014 (heating season). During each event, the treatment system was turned off prior to sampling; for the December 2013 event the system was turned off eight days prior to sampling and 14 days prior to the December 2014 sampling event. Air sampling logs are included in Appendix A. A summary of structure sampling results for these sampling events is

presented in Table 2. A summary of structure sampling results is presented in Figure 4. The plaza locations are summarized on Figure 5 and the off-site buildings are summarized on Figure 6. Laboratory data packages are included in Appendix B. Data validation was performed on both rounds of data. Data validation reports are included in Appendix C. No problems were noted for any of the samples collected during this review period.

During the December 2013/January 2014 sampling event indoor air samples were collected from the following structures: the former dry cleaner (B01-IA1), Lucky House Restaurant (B01-IA5), McDonalds (B02-IA1) and Lydia apartments (B04-IA1). During the December 2014 sampling event indoor air samples were collected from: the former Waldbaum's Supermarket (B01-IA2), Garden Apartments (B03-IA1), and Lydia apartments (B04-IA2). An ambient air sample from the crawl space in the Garden Apartments was collected in December 2014 and ambient outdoor air samples were collected in December 2013, January 2014 and December 2014. The PCE and TCE concentrations for the 2013-2014 ambient air samples are shown in Table 8. Indoor air samples collected during the IRM evaluation period do not indicate any health concerns for PCE in indoor air in any of the buildings currently included in the sampling program as all indoor air samples are below the 30 µg/m3 ambient air guidance value (NYSDOH, 2013). Previously there was one exceedance of this criterion in a sample collected from the former dry cleaner during the 2011 evaluation period which had a PCE concentration of 37 µg/m3. During this evaluation period TCE in the ambient air samples were all below the 5 µg/m3 ambient air guidance value (NYSDOH, 2006). Neither the crawl space ambient air sample, nor the outdoor air samples had any exceedances of the NYSDOH guidance values.

The December 2013/January 2014 and December 2014 air sampling results are compared to the Soil Vapor/Indoor Air Matrix Tables (New York State Department of Health [NYSDOH], 2006) in Table 9. The comparison indicates that the soil vapor beneath the former dry cleaners and the Lucky House Restaurant still require monitoring/mitigation as the subslab concentrations were greater than 1,000 µg/m3 at B01-SS1 and B01-SS5 in December 2013 and greater than 100 µg/m3 at B01-SS1 in December 2014. This recommendation is consistent with the results from previous sampling rounds.

The samples collected in December 2014 from Waldbaum's indicate no further action is necessary.

The sub-slab and corresponding ambient air samples collected in December 2014 from the Garden Apartments indicate no further action is necessary. Previous sampling in 2012 had indicated the need for monitoring.

The sub-slab and corresponding ambient air sample collected in December 2013 from McDonalds indicate no further action is necessary. This recommendation is consistent with the results from previous sampling events.

Sample B04-SV2 located in the parking lot in front of the Lydia Apartments indicate the need for continued monitoring/mitigation as the PCE concentration is 110 µg/m3. Previous PCE results from this location have ranged in concentration from 550 µg/m3 to 4,000 µg/m3.

5.0 Operation and Maintenance Plan Compliance Report

O&M activities are performed by EAR in accordance with the SVE System O&M Manual dated April 2012. The current O&M program at the Site consists of maintaining the operation of the SVE system, collection of process samples to monitor the condition of the carbon units and collection of structure samples to evaluate the effectiveness of the treatment system.

5.1 O&M Plan Compliance

The following summarizes operation and maintenance activities undertaken at the Site from 2011 through 2014:

Activity	Required Frequency (X)				Compliance Dates
	Weekly	Monthly	Quarterly	As needed	
Inspect the SVE system	X				During Reporting Period
Monitor the SVE influent/effluent air streams [1]	X	X	X		During Reporting Period
Structure monitoring				X	During Reporting Period

1) In July 2014, NYSDEC eliminated monthly influent sampling collection. In November 2014, NYSDEC reduced effluent air sample collection from monthly to quarterly.

5.2 Evaluation of O&M Activities

Monthly SVE inspection reports have been submitted to NYSDEC by EAR during system operations. Summary reports of soil vapor sampling have been submitted to NYSDEC after each round of sample collection.

Summary of Operational Issues

2/14/13 – automated shutdown – high liquid level on moisture separator, EAR responded within 24-hours to drain the system and re-start.

5/8/13 – system shutdown.

7/29/13 – system restarted.

9/27/13 – An updated air quality impact analysis was performed which indicated the GAC vessels could be bypassed.

9/29/13 – system shutdown due to a blower effluent high-temperature condition. System was re-started on 9/30/13.

November 2013 – multiple system shutdowns occurred due to high liquid levels in the moisture separator. Problem fixed when the SVE blower airflow was reduced.

11/27/13 – system shutdown due to high liquid levels in moisture separator; re-started the next day.

December 2013 – system experienced multiple shutdowns due to high liquid levels in the moisture separator. The SVE blower airflow was reduced in an effort to reduce moisture intake.

12/12/13 – System shutdown in advance of scheduled soil vapor sampling activities. System was re-started on January 17, 2014.

2/2/14 - system shutdown due to high liquid levels in moisture separator; re-started on 2/4/14.

7/17/14 & 8/5/14 – Pressure Field Extension testing.

November 2014 - multiple system shutdowns occurred due to high liquid levels in the moisture separator.

12/1/14 – System shutdown in advance of scheduled soil vapor sampling activities. System was re-started on December 17, 2014.

13/30/14 - system shutdown due to high liquid levels in moisture separator; re-started on 12/31/14.

System Trends

The initial operational period (11/1/2011-5/11/2012) the system experienced the highest mass recovery rates of PCE and Total VOCs. The highest recovery rates were immediately after the initial startup in with a Total VOC (mainly PCE) mass removal rate of over 0.64 lbs/day on the first day. The rate quickly declined to approximately 0.23 lbs/day on the second day of operation and steadily declined afterwards down to approximately 0.030 lbs/day by April 2012. In May 2012 the system was shut down for the summer.

The system was turned back on in October 2012 and only turned off once briefly for structure air sampling before being turned off for the summer again in May 2013. Initially the recovery rates were approximately 0.19 lbs/day but quickly declined (within two weeks) to approximately 0.042 lbs/day. By April of 2013 the recovery rates had declined to approximately 0.0096 lbs/day. There was no rebound in the recovery rate after the brief 19 day shut down for structure air sampling.

The system was turned on after the summer of 2013 at the end of July of 2013. As in previous year, the recovery rates experienced a rebound that quickly declined. The initial rate was approximately 0.076 lbs/day. The rate declined to approximately 0.0053 lbs/day before being turned off for structure

sampling. The shut off for the structure sampling was extended this time to 36 days and there was a rebound to approximately 0.057 lbs/day. The recovery quickly declined to less than 0.01 lbs/day within the next month of operation.

6.0 Conclusions

6.1 Operations and Maintenance

The SVE system operates in compliance with the O&M Manual, and approved revisions, prepared by EAR.

Periodic structure monitoring is conducted as requested by NYSDEC.

6.2 Monitoring

A summary of PCE and TCE results in soil vapor samples from pre-system startup to the present is show on Table 2 and Figure 4.

Groundwater

Groundwater is not a part of OU1. Results of groundwater sampling will be discussed in the PRR for OU-2.

Structures

PCE soil vapor concentrations continues to exceed the NYSDOH criterion at two locations, the subslab sample inside the former dry cleaners (200 µg/m3 at B01-SS1) and the soil vapor point near the Lydia (formerly Milestone) Apartments (110 µg/m3 at B04-SV2).

Indoor Air

The December 2014 indoor air sample from the Lydia Apartments had a PCE concentration of 3.9 µg/m3, and the nearest subslab sample (BO4-SV2) had a concentration of 110 µg/m3. Matrix Table 2 recommends monitor/mitigate for this location.

SVE Treatment System Samples

Influent samples from SVE-1, SVE-3 and SVE-5 indicate the system is still removing PCE from shallow soils. The total system flow rate has averaged 207.2 CFM and has removed 19.9 pounds of total VOCs since system startup in 2011. Effluent samples indicate that the system is effectively removing contaminants prior to discharge.

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Tables

Table 1
Farmingdale Plaza Cleaners (1-30-107)
Chronology of Events

Date	Event	Sampling Points													
		B01-SS1/IA1 Dry Cleaners	B01-SS2/IA2 Waldbaums	B01-SS3/IA3 Waldbaums	B01-SS4/IA4 Best Choice Cards	B01-SS5/IA5 Lucky House	B02-SS1/IA1 McDonalds	B03-SS1/IA1 Garden Apts	B03-SS2/CS2 Garden Apts	B03-CS3/IA3 Garden Apts	B03-CS4/IA4 Garden Apts	B04-SV1 Milestone Apts	B04-SV2 Milestone Apts	B04-IA1 Lydia Apts (#9)	B04-IA2 Lydia Apts (#4)
7/20/11	Contruction Kick-off Meeting														
7/25/11	Install Utility Poles														
8/2/11	Drilling for SVE-5 and monitoring points														
8/22/11 - 9/19/11	Trenching and Piping														
9/21/11 - 9/22/11	Pre-system startup sampling	X	X	X			X	X	X	X	X	X	X		
9/23/11	SVE System delivered to the Site														
11/1/11	***SVE system turned on (SVE-5)***														
12/7/11	***SVE-1 turned on***														
1/4/12 - 1/5/12	Sampling	X	X	X			X[1]	X	X	X	X	X	X		
3/28/12 - 3/29/12	Sampling	X	X	X			X	X	X	X	X	X	X		
5/11/12	***System shutdown for the summer***														
6/25/12 - 6/26/12	Install new points and sample				X	X							X		
10/4/12	***System startup for the heating season (SVE-1 & 5)***														
12/5/12	***Temporary shutdown for sampling***														
12/11/12 - 12/12/12	Sampling	X	X	X	X	X	X[2]					X	X		
12/19/12 - 12/20/12	Sampling at Garden Apartments only							X	X	X	X				

Table 1
Farmingdale Plaza Cleaners (1-30-107)
Chronology of Events

Date	Event	Sampling Points														
		B01-SS1/IA1 Dry Cleaners	B01-SS2/IA2 Waldbaums	B01-SS3/IA3 Waldbaums	B01-SS4/IA4 Best Choice Cards	B01-SS5/IA5 Lucky House	B02-SS1/IA1 McDonalds	B03-SS1/IA1 Garden Apts	B03-SS2/CS2 Garden Apts	B03-CS3/IA3 Garden Apts	B03-CS4/IA4 Garden Apts	B04-SV1 Milestone Apts	B04-SV2 Milestone Apts	B04-IA1 Lydia Apts (#9)	B04-IA2 Lydia Apts (#4)
12/24/12	***System turned back on (SVE-1 & 5)***														
5/13/13	***System shutdown for the summer***														
7/29/13	***System turned back on (SVE-3)***														
12/12/13	***Temporary shutdown for sampling***														
12/20/13	Sampling	X				X	X					X	X		
1/14/14	Sampling													X	
1/17/14	***System turned back on (SVE-1, 3 & 5)***														
6/19/14	***SVE-1 turned off***														
12/1/14	***Temporary shutdown for sampling***														
12/16/14 - 12/17/14	Sampling	X	X					X	X			X	X		X
12/22/14	***System turned back on (SVE-3 & SVE-5)***														

Notes: 1 - Malfunction of indoor air summa canister, no sample
2 - Malfunction of subslab air summa canister, no sample
Colored text indicates this reporting period - February 2013 though December 2014

TABLE 2
FARMINGDALE PLAZA CLEANERS (1-30-107)
SUMMARY OF VOCs IN SOIL VAPOR, SUBSLAB AND INDOOR AIR

Location	Dry cleaners								Dry cleaners					
Sample ID	B01-IA1								B01-SS1					
Matrix	Indoor Air								Subslab					
Sample Date	9/22/11	1/5/12	1/5/12 Duplicate	3/28/12	3/28/12 Duplicate	12/12/12	12/20/13	12/20/13 Duplicate	9/22/11	1/5/12	3/28/12	12/12/12	12/20/13	12/16/14
1,1,1-Trichloroethane	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	11 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
1,1,2-Trichlorotrifluoroethane	0.61 U	0.61 U	0.68	0.61 U	0.61 U	0.77	0.67	0.65	15 U	0.68	0.61 U	0.61 U	0.61 U	0.61 U
1,2,4-Trimethylbenzene	0.59	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.8	0.39 U	9.8	0.39 U	48 J	1	0.6	11
1,2-Dichlorobenzene	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	12 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
1,2-Dichloroethane	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	8.1 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,3,5-Trimethylbenzene	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	9.8 U	0.39 U	40 J	0.42	0.39 U	4.6
1,4-Dichlorobenzene	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	12 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
2,2,4-Trimethylpentane	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	1.1	0.98	23 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U
2-Butanone (MEK)	4.1	0.94 U	0.94 U	1.1	0.94 U	0.94 U	5.8	1.2	24 U	0.94 U	3.3 J	1.5	3.5	1.3
4-Methyl-2-pentanone (MIBK)	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	20 U	0.82 U	1.3 J	1.1	0.83	18
Benzene	0.89	1.2	1.6	0.56	0.49	1	1.6	1.4	6.4 U	1.6	0.68 J	0.26 U	0.6	0.43
Carbon tetrachloride	0.5	0.45	0.66	0.46	0.52	0.74	0.53	0.32	6.3 U	0.65	0.5 J	0.55	0.25 U	0.31
Chlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	9.2 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
Chloroethane	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	5.3 U	0.21 U	0.26 J	0.21 U	0.21 U	0.21 U
Chloroform	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	9.8 U	0.39 U	0.39 U	0.39 U	0.69	0.39 U
Chloromethane	1.1	1	1.2	1.1	1.7	1.6	1.1	1	10 U	1.3	0.41 U	0.41 U	0.41 U	0.41 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	7.9 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Cyclohexane	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	17 U	0.69 U	0.81 J	0.69 U	0.69 U	0.69 U
Dichlorodifluoromethane	3.2	2.4	2.9	3.1	2.6	3.2	1.9	2.3	44	3	3.1 J	2.6	3.8	2.4
Ethanol	25	15	19	14	13	12	21 J	20 J	180	20	6.8 J	3.6	6.1 J	5.3
Ethylbenzene	0.86	0.36	0.49	0.35 U	0.35 U	0.35 U	0.71	0.35 U	8.7 U	0.5	3.7 J	0.35 U	3.4	1.1
Methyl tert-butyl ether	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	14 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
Methylene chloride	1.2	2	3.2	0.71	0.69 U	0.69 U	1.6	1.9	17 U	2.1	0.69 U	0.69 U	3	0.92
m-Xylene & p-Xylene	2.2	0.89	1.4	0.68	0.78	0.84	2.2	0.54	19	1.4	17 J	0.67	12	4.5
n-Hexane	0.7 U	0.84	1.1	0.7 U	0.7 U	0.83	1.1	1.1	18 U	1.1	110 D	4.9	1.2	7.3
o-Xylene	0.67	0.35 U	0.48	0.35 U	0.35 U	0.35 U	0.92	0.35 U	8.7 U	0.49	26 J	0.35 U	2.9	2.1
Styrene	0.81	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	8.5 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
tert-Butyl alcohol	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	24 U	0.97 U	0.97 U	0.97 U	1.3	0.97 U
Tetrachloroethene	37	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	1.3	2.4	2300 D	0.54 U	50 D	320 D	3200	200
Toluene	3.1	2.1	2.8	1.4	1.3	1.6	3.7	2.3	24	2.9	14 J	1.2	5.1	3.7
Trichloroethene	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	16	0.21 U	0.32 J	0.94	5.1	0.32
Trichlorofluoromethane	9.3	1.7	2.2	3.1	2.9	1.8	3.1	3.1	23	2.4	3.4 J	2	3	1.7

Notes:
All concentrations in µg/m^3
U - Not Detected
J - Estimated value

Green dates indicate samples collected during this review period
Blue compounds - Soil Vapor/Indoor Air Matrix Table 1
Maroon compounds - Soil Vapor/Indoor Air Matrix Table 2

TABLE 2
FARMINGDALE PLAZA CLEANERS (1-30-107)
SUMMARY OF VOCs IN SOIL VAPOR, SUBSLAB AND INDOOR AIR

Location	Waldbaums					Waldbaums					Waldbaums			
Sample ID	B01-IA2					B01-SS2					B01-IA3			
Matrix	Indoor Air					Subslab					Indoor Air			
Sample Date	9/22/11	1/5/12	3/28/12	12/12/12	12/16/14	9/22/11	1/5/12	3/28/12	12/12/12	12/16/14	9/22/11	1/5/12	3/28/12	12/12/12
1,1,1-Trichloroethane	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	2.2 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
1,1,2-Trichlorotrifluoroethane	0.61 U	0.61 U	0.72	0.61 U	0.64	3.1 U	0.61 U	0.64 J	0.61 U	0.61 U	0.61 U	0.61 U	0.62	0.61 U
1,2,4-Trimethylbenzene	0.61	0.39 U	0.39 U	0.39 U	0.66	15	7.5 J	10 J	1.1	27	0.64	0.39 U	0.39 U	0.39 U
1,2-Dichlorobenzene	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	2.4 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
1,2-Dichloroethane	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	1.6 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,3,5-Trimethylbenzene	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	3.6	4.3 J	6.4 J	1.1	13	0.39 U	0.39 U	0.39 U	0.39 U
1,4-Dichlorobenzene	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	2.4 U	0.48 U	0.48 U	0.48 U	0.82	0.48 U	0.48 U	0.48 U	0.48 U
2,2,4-Trimethylpentane	0.93 U	0.93 U	0.93 U	0.93 U	2.6	4.7 U	0.93 U	0.93 U	7.3	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U
2-Butanone (MEK)	2.3	0.94 U	1.9	0.96	1.5	4.7 U	1.4 J	4.8 J	13	4.7	2	0.94 U	0.94 U	0.94 U
4-Methyl-2-pentanone (MIBK)	0.82 U	0.82 U	0.82 U	0.82 U	0.82	4.1 U	2.2 J	0.82 U	1.5	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
Benzene	0.69	0.97	0.72	0.89	2.5	1.3 U	3.4 J	0.26 U	0.42	0.45	0.69	0.88	0.54	0.8
Carbon tetrachloride	0.51	0.48	0.69	0.63	0.64	1.3 U	0.44 J	0.56 J	0.43	0.25 U	0.43	0.42	0.51	0.56
Chlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
Chloroethane	0.42	0.21 U	0.21 U	0.21 U	0.21 U	1.1 U	0.21 U	0.21 J	0.21 U	0.32	0.21 U	0.21 U	0.21 U	0.21 U
Chloroform	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	2 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
Chloromethane	1.8	1	1.3	1.4	1.1	2.1 U	0.72 J	0.41 U	1.1	0.41	0.87	0.98	1.1	1.2
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	1.6 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Cyclohexane	0.69 U	0.69 U	0.69 U	0.69 U	1.3	3.4 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Dichlorodifluoromethane	3.6	2.8	3.6	3.2	2.9	5	2.5 J	3.5 J	2.7	2.9	3.8	2.6	3	2.9
Ethanol	30	14	15	20	26	7.5 U	10 J	5.3 J	10	6.9	38	16	10	11
Ethylbenzene	0.94	0.35 U	0.35 U	0.35 U	0.8	3.2	2.2 J	1.3 J	3.7	0.54	1.1	0.35 U	0.35 U	0.35
Methyl tert-butyl ether	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	2.9 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
Methylene chloride	1.3	3	0.93	0.69 U	1.9	3.5 U	0.84 J	0.69 U	0.69 U	2.2	4.8	3.7	0.83	0.69 U
m-Xylene & p-Xylene	2.2	0.8	0.68	0.71	2.8	15	9 J	3.1 J	11	2.1	2.8	0.88	0.58	1.2
n-Hexane	0.7 U	0.93	0.7 U	0.7 U	2.7	3.5 U	54 J	110 D	38	22	0.71	0.96	0.7 U	0.7 U
o-Xylene	0.61	0.35 U	0.35 U	0.35 U	0.98	5.3	5.6 J	3.3 J	3.2	2	0.83	0.35 U	0.35 U	0.44
Styrene	0.82	0.34 U	0.34 U	0.34 U	0.34 U	1.7 U	0.34 U	0.34 U	0.34 U	0.34 U	1	0.34 U	0.34 U	0.34 U
tert-Butyl alcohol	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	4.9 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U
Tetrachloroethene	1.2	0.54 U	0.54 U	0.54 U	1.4	380	6.1 J	26 J	46	32	1.6	12	0.54 U	0.54 U
Toluene	2.8	2.1	1.6	1.9	5.5	7.4	16 J	1.9 J	6.1	3.1	3.4	2.1	1.3	2.8
Trichloroethene	0.21 U	0.21 U	0.21 U	0.21 U	0.55	1.1 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Trichlorofluoromethane	12	3.4	3.5	3.7	3.3	13	3.2 J	4.7 J	3.1	3	14	3.2	3.1	3.5

Notes:
All concentrations in µg/m^3
U - Not Detected
J - Estimated value

Green dates indicate samples collected during this review period
Blue compounds - Soil Vapor/Indoor Air Matrix Table 1
Maroon compounds - Soil Vapor/Indoor Air Matrix Table 2

TABLE 2
FARMINGDALE PLAZA CLEANERS (1-30-107)
SUMMARY OF VOCs IN SOIL VAPOR, SUBSLAB AND INDOOR AIR

Location	Waldbaums				Best Choice Cards & Gifts				
Sample ID	B01-SS3				B01-IA4			B01-SS4	
Matrix	Subslab				Indoor Air			Subslab	
Sample Date	9/22/11	1/5/12	3/28/12	12/12/12	6/26/12	6/26/12 Duplicate	12/12/12	6/26/12	12/12/12
1,1,1-Trichloroethane	0.87 U	0.44 U	0.57	0.5	0.44 U	0.44 U	0.44 U	8.7 U	0.44 U
1,1,2-Trichlorotrifluoroethane	1.2 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	12 U	0.61
1,2,4-Trimethylbenzene	7.3	1.2	1.3	5.8	2.6 J	0.65 J	0.39 U	7.9 U	0.39 U
1,2-Dichlorobenzene	0.96 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	9.6 U	0.48 U
1,2-Dichloroethane	0.65 U	0.32 U	0.32 U	0.32 U	3	2.9	0.42	6.5 U	0.32 U
1,3,5-Trimethylbenzene	1.8	0.51	0.39 U	3.3	0.62	0.39 U	0.39 U	7.9 U	0.39 U
1,4-Dichlorobenzene	0.96 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	9.6 U	0.48 U
2,2,4-Trimethylpentane	1.9 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	19 U	0.93 U
2-Butanone (MEK)	2.7	1.2	1.3	2.3	2.3	2.1	0.94 U	19 U	0.96
4-Methyl-2-pentanone (MIBK)	1.6 U	0.82 U	0.82 U	0.89	0.82 U	0.82 U	0.82 U	16 U	0.82 U
Benzene	1.4	1.4	0.26 U	0.26 U	0.56	0.51	0.28	5.1 U	0.26
Carbon tetrachloride	0.5 U	0.28	0.25 U	0.25 U	0.56	0.6	0.42	5 U	0.52
Chlorobenzene	0.74 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	7.4 U	0.37 U
Chloroethane	0.42 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	4.2 U	0.21 U
Chloroform	0.78 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	2.2	7.8 U	0.41
Chloromethane	2	0.41 U	0.41 U	0.41 U	1.5	1.4	0.41 U	8.3 U	0.41 U
cis-1,2-Dichloroethene	0.63 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	6.3 U	0.32 U
Cyclohexane	1.4 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	14 U	0.69 U
Dichlorodifluoromethane	1.7	3.1	3.4	0.6	2.7	2.5	1.8	9.6	11
Ethanol	30	9.2	2.4	1.9	220 D	180 D	150 D	77	25
Ethylbenzene	3.4	1.6	0.52	0.45	1.1 J	2.1 J	0.35 U	6.9 U	0.35 U
Methyl tert-butyl ether	1.2 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	12 U	0.58 U
Methylene chloride	2	2	0.69 U	0.69 U	3.5 J	11 J	0.76	14 U	0.69 U
m-Xylene & p-Xylene	13	5.2	2.1	1.6	2.8	3.5	0.35 U	6.9 U	0.92
n-Hexane	1.4 U	1.3	0.7 U	79	0.7 UJ	2.2 J	0.7 U	14 U	0.7 U
o-Xylene	4.5	1.6	0.65	1.3	1.1	1	0.35 U	6.9 U	0.35 U
Styrene	0.78	0.34 U	0.34 U	0.34 U	0.34 UJ	1.1 J	0.34 U	6.8 U	0.34 U
tert-Butyl alcohol	1.9 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	22	0.97 U
Tetrachloroethene	13	7.2	37	59	0.62	0.78	0.54 U	1500	120 D
Toluene	12	7	1.3	2.1	5.8	5.8	0.4	6 U	1.8
Trichloroethene	0.43 U	0.21 U	0.26	0.21 U	0.21 U	0.21 U	0.21 U	19	1.6
Trichlorofluoromethane	14	4.4	5.7	2.3	2.4 J	4.5 J	1.5	32	33

Notes:

All concentrations in µg/m^3

U - Not Detected

J - Estimated value

Green dates indicate samples collected during this review period

Blue compounds - Soil Vapor/Indoor Air Matrix Table 1

Maroon compounds - Soil Vapor/Indoor Air Matrix Table 2

TABLE 2
FARMINGDALE PLAZA CLEANERS (1-30-107)
SUMMARY OF VOCs IN SOIL VAPOR, SUBSLAB AND INDOOR AIR

Location	New Lucky House Chinese Restaurant						McDonalds							
Sample ID	B01-IA5			B01-SS5			B02-IA1				B02-SS1			
Matrix	Indoor Air			Subslab			Indoor Air				Subslab			
Sample Date	6/26/12	12/12/12	12/20/13	6/26/12	12/12/12	12/20/13	9/22/11	3/28/12	12/12/12	12/20/13	9/22/11	1/5/12	3/28/12	12/20/13
1,1,1-Trichloroethane	0.44 U	0.44 U	0.44 U	35 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	1.5 U	4.4 U	0.58	0.44 U
1,1,2-Trichlorotrifluoroethane	0.61 U	0.61 U	0.69	49 U	0.61 U	0.68	0.61 U	0.61 U	0.61 U	0.68	2 U	6.1 U	0.62	0.64
1,2,4-Trimethylbenzene	0.39 U	0.39 U	1.3	31 U	0.39 U	4.9	14	0.77	0.39 U	0.88	16	3.9 U	10	2.7
1,2-Dichlorobenzene	0.48 U	0.48 U	0.48 U	38 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	1.6 U	4.8 U	0.48 U	0.48 U
1,2-Dichloroethane	0.32 U	0.32 U	0.32 U	26 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	1.1 U	3.2 U	0.32 U	0.32 U
1,3,5-Trimethylbenzene	0.39 U	0.39 U	0.39 U	31 U	0.39 U	1.2	3.7	0.39 U	0.39 U	0.39 U	3.8	3.9 U	2.6	0.7
1,4-Dichlorobenzene	0.48 U	0.48 U	0.48 U	38 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	1.6 U	4.8 U	0.48 U	1.8
2,2,4-Trimethylpentane	0.93 U	0.93 U	0.93 U	74 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	3.1 U	9.3 U	0.93 U	0.93 U
2-Butanone (MEK)	1.4	0.94 U	1.9	75 U	1	3.3	5.7	3.7	0.94 U	2.1	3.1 U	9.4 U	1.8	1.4
4-Methyl-2-pentanone (MIBK)	0.82 U	0.82 U	0.82 U	65 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	1	2.7 U	8.2 U	0.82 U	0.82 U
Benzene	0.49	0.95	2.7	20 U	0.26 U	1.4	0.96	0.59	0.26 U	1.3	1.3	2.6 U	0.8	0.64
Carbon tetrachloride	0.8	0.51	0.51	20 U	0.39	0.25 U	0.9	0.61	0.25 U	0.85	0.84 U	2.5 U	0.25 U	0.25 U
Chlorobenzene	0.37 U	0.37 U	0.37 U	29 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	1.2 U	3.7 U	0.37 U	0.37 U
Chloroethane	0.24	0.21 U	0.33	17 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.7 U	2.1 U	0.21 U	0.21 U
Chloroform	2	0.39 U	0.49	31 U	1.2	0.48	10	64	0.6	88	20	9.4	22	19
Chloromethane	3.1	1.3	1.5	33 U	0.41 U	0.41 U	1.1	1.2	1.3	1.3	1.4 U	4.1 U	0.56	0.89
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	25 U	0.32 U	0.32 U	0.32 U	0.32 U	0.96	0.32 U	1.1 U	3.2 U	0.32 U	0.32 U
Cyclohexane	0.69 U	0.69 U	0.69 U	55 U	0.69 U	0.69 U	2.6	0.69 U	0.69 U	0.69 U	2.3 U	6.9 U	0.69 U	0.69 U
Dichlorodifluoromethane	2.3	2.4	1.7	31 U	2.7	16	1.8	2.4	2.3	1.1	1.3 U	4 U	0.79	1.2
Ethanol	250 D	100 D	310 J	120 U	7.7	15 J	470 D	500 D	110	150 J	58	22	21	10 J
Ethylbenzene	0.35 U	0.35 U	0.53	28 U	0.35 U	10	2	0.66	0.35 U	0.63	4.6	3.5 U	2.9	6.3
Methyl tert-butyl ether	0.58 U	0.58 U	0.58 U	46 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	1.9 U	5.8 U	0.58 U	0.58 U
Methylene chloride	1.5	0.69 U	1.7	55 U	0.69 U	6.9	6	0.69 U	2.6	2.3	86	6.9 U	0.69 U	1.3
m-Xylene & p-Xylene	0.65	0.59	1.6	28 U	1.1	43	5.7	1.8	0.35 U	2	21	12	14	25
n-Hexane	0.7 U	0.7 U	1.1	56 U	0.7 U	1.7	1.4	1.1	0.7 U	1.1	4.3	7 U	1.1	0.93
o-Xylene	0.35 U	0.35 U	0.64	28 U	0.35 U	11	3	0.7	0.35 U	0.81	7.2	3.5 U	5	5.7
Styrene	0.34 U	0.34 U	0.34 U	27 U	0.34 U	0.34 U	3.7	0.49	0.34 U	0.34 U	1.1 U	3.4 U	0.34 U	0.34 U
tert-Butyl alcohol	0.97 U	0.97 U	0.97 U	77 U	0.97 U	1.3	0.97 U	0.97 U	0.97 U	0.97 U	3.2 U	9.7 U	0.97 U	0.97 U
Tetrachloroethene	0.54 U	0.54 U	0.95	4700	220 D	1500	0.54 U	0.54 U	0.77	0.64	31	18	39	18
Toluene	2.2	1.7	2.9	24 U	1.2	14	14	3.6	0.3 U	3.3	14	8.7	7.6	7.1
Trichloroethene	0.21 U	0.21 U	0.21 U	17 U	0.31	3.6	0.21 U	0.21 U	7.4	0.21 U	0.72 U	2.1 U	0.35	1.2
Trichlorofluoromethane	1.2	1.4	2.1	36 U	3.7	5.9	31	16	2.3	6.9	16	34	19	6.6

Notes:
All concentrations in µg/m^3
U - Not Detected
J - Estimated value

Green dates indicate samples collected during this review period
Blue compounds - Soil Vapor/Indoor Air Matrix Table 1
Maroon compounds - Soil Vapor/Indoor Air Matrix Table 2

TABLE 2
FARMINGDALE PLAZA CLEANERS (1-30-107)
SUMMARY OF VOCs IN SOIL VAPOR, SUBSLAB AND INDOOR AIR

Location	Garden Apartments Northern Building						Garden Apartments Northern Building				
Sample ID	B03-IA1						B03-SS1				
Matrix	Indoor Air						Subslab				
Sample Date	9/22/11	1/5/12	3/29/12	12/20/12	12/15/14	12/15/14 Duplicate	9/22/11	1/5/12	3/29/12	12/20/12	12/15/14
1,1,1-Trichloroethane	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	2.2 U	0.5 U	0.44 U	4.4 U	0.44 U
1,1,2-Trichlorotrifluoroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	3.1 U	0.7 U	0.61 U	6.1 U	0.61 U
1,2,4-Trimethylbenzene	3.6	0.67	2.2	0.39 U	0.71	0.85	13	0.45	7.2	210	0.98
1,2-Dichlorobenzene	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	2.4 U	0.55 U	0.48 U	4.8 U	0.48 U
1,2-Dichloroethane	0.32 U	0.32 U	0.33	0.32 U	0.32 U	0.32 U	1.6 U	0.37 U	0.32 U	3.2 U	0.32 U
1,3,5-Trimethylbenzene	0.93	0.39 U	0.51	0.39 U	0.39 U	0.39 U	2.6	0.45 U	2	86	0.39 U
1,4-Dichlorobenzene	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	2.4 U	0.55 U	0.48 U	4.8 U	0.48 U
2,2,4-Trimethylpentane	1.5	0.93 U	0.95	0.93 U	2.6	3	4.7 U	1.3	1.9	9.3 U	2.7
2-Butanone (MEK)	5.6	2	5.1	2.9	4.3	4.4	4.9	1.4	4.5	9.4 U	4.9
4-Methyl-2-pentanone (MIBK)	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	1.3	4.1 U	0.93 U	0.82 U	8.2 U	1.5
Benzene	4.4	1.4	3.3	0.86	2.8	3.1	3.4	1.7	3.8	2.6 U	3
Carbon tetrachloride	0.75	0.58	0.64	0.55	0.61	0.7	1.3 U	0.38	0.61	2.5 U	0.61
Chlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	0.42 U	0.37 U	14	0.37 U
Chloroethane	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	1.1 U	0.24 U	0.21 U	2.1 U	0.21 U
Chloroform	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	2 U	0.45 U	0.39 U	3.9 U	0.39 U
Chloromethane	1.2	1.3	1	1.1	1.2	1.2	2.1 U	1.1	1.5	4.1 U	1.1
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	1.6 U	0.36 U	0.32 U	3.2 U	0.32 U
Cyclohexane	2.7	0.82	2.5	0.69 U	1.5	1.7	3.4 U	0.89	2.4	6.9 U	1.5
Dichlorodifluoromethane	1.8	2.2	2.3	2	2.3	2.5	2 U	1.7	2.5	4 U	2.3
Ethanol	56	32	170 D	20	67	73	49	2.8	47	15 U	46
Ethylbenzene	2.9	0.8	2	0.35 U	0.94	0.94	3.7	0.86	3.8	7.3	1.2
Methyl tert-butyl ether	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	2.9 U	0.66 U	0.58 U	5.8 U	0.58 U
Methylene chloride	44	8.2	20	1.8	2.1	1.6	26	3.7	16	6.9 U	1.5
m-Xylene & p-Xylene	12	2.8	7.6	1.1	3.2	3.8	15	2.3	16	25	4.5
n-Hexane	8.6	3.2	9.8	2	3.9	4.1	5.5	4.7	8.9	63	4
o-Xylene	3.5	0.87	2.3	0.35 U	1.1	1.3	5.3	0.57	5.2	23	1.3
Styrene	0.67	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	1.7 U	0.39 U	0.34 U	3.4 U	0.34 U
tert-Butyl alcohol	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	4.9 U	1.1 U	1.9	9.7 U	0.97 U
Tetrachloroethene	0.9	0.65	0.78	0.66	1.1	1.3	340	26	2	110	1.7
Toluene	17	3.2	14	1.6	5.7	5.7	16	5.7	17	6.7	6.2
Trichloroethene	0.21 U	0.21 U	0.21 U	0.21 U	0.32	0.34	1.1 U	0.25 U	0.21 U	2.1 U	0.44
Trichlorofluoromethane	1.1	1.2	1.3	1.1	1.5	1.5	2.2 U	1.1	1.5	4.5 U	1.5

Notes:
All concentrations in µg/m^3
U - Not Detected
J - Estimated value

Green dates indicate samples collected during this review period
Blue compounds - Soil Vapor/Indoor Air Matrix Table 1
Maroon compounds - Soil Vapor/Indoor Air Matrix Table 2

TABLE 2
FARMINGDALE PLAZA CLEANERS (1-30-107)
SUMMARY OF VOCs IN SOIL VAPOR, SUBSLAB AND INDOOR AIR

Location	Garden Apartments Northern Building						Garden Apartments Northern Building				
Sample ID	B03-CS2						B03-SS2				
Matrix	Crawl Space						Subslab				
Sample Date	9/22/11	1/5/12	3/29/12	12/20/12	12/20/12 Duplicate	12/15/14	9/22/11	1/5/12	3/29/12	12/20/12	12/15/14
1,1,1-Trichloroethane	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	1.1 U	0.44 U	0.44 U	0.44 U	0.44 U
1,1,2-Trichlorotrifluoroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	1.5 U	0.61 U	0.61 U	0.61 U	0.61 U
1,2,4-Trimethylbenzene	2.1	0.39 U	1.3	0.39 U	0.39 U	0.58	20	11	4.8	0.48	0.47
1,2-Dichlorobenzene	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	1.2 U	0.48 U	0.48 U	0.48 U	0.48 U
1,2-Dichloroethane	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.81 U	0.32 U	0.32 U	0.32 U	0.32 U
1,3,5-Trimethylbenzene	0.67	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	5.2	2.6	1.8	0.39 U	0.39 U
1,4-Dichlorobenzene	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	1.2 U	0.48 U	0.48 U	0.48 U	0.48 U
2,2,4-Trimethylpentane	1.5	0.93 U	0.93 U	0.93 U	0.93 U	2.8	2.3 U	0.93 U	0.93 U	0.93 U	0.93 U
2-Butanone (MEK)	5.4	0.94 U	3.4	0.94 U	1	1.9	4.7	0.94 U	1.2	0.96	1.3
4-Methyl-2-pentanone (MIBK)	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	2 U	0.82 U	0.82 U	0.82 U	0.82 U
Benzene	3.7	0.26 U	2.1	0.56	0.38	2.7	2.3	1.8	1.2	0.26 U	1.1
Carbon tetrachloride	0.71	0.25 U	0.56	0.44	0.33	0.49	0.63 U	2.8	0.5	0.37	0.5
Chlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.92 U	0.37 U	0.37 U	0.37 U	0.37 U
Chloroethane	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.53 U	0.21 U	0.21 U	0.21 U	0.21 U
Chloroform	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.98 U	0.95	0.39 U	0.39 U	0.39 U
Chloromethane	1.1	1.2	1.1	0.74	0.94	1.2	1 U	0.41 U	0.41 U	0.46	0.46
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.79 U	0.32 U	0.32 U	0.32 U	0.32 U
Cyclohexane	2.1	0.69 U	1.2	0.69 U	0.69 U	1.5	1.7 U	0.69 U	0.69 U	0.69 U	0.69 U
Dichlorodifluoromethane	1.9	2.3	2.2	1.7	1.9	2.3	2.2	1.9	2.3	2	2.4
Ethanol	110	22	100	13	10	76	18	5.7	24	5.9	32
Ethylbenzene	2.6	0.35 U	1.2	0.35 U	0.35 U	0.83	7.6	7.5	2.8	0.35 U	0.5
Methyl tert-butyl ether	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	1.4 U	0.58 U	0.58 U	0.58 U	0.58 U
Methylene chloride	38	4.9	13	0.69 U	0.9	1.8	9.9	1.8	7.4	0.81	0.88
m-Xylene & p-Xylene	10	0.35 U	4.4	0.8	0.35 U	2.8	33	32	12	0.41	2.2
n-Hexane	6.6	0.98	4.9	0.7 U	0.7 U	3.4	2.3	2.7	2.8	0.7 U	1.2
o-Xylene	2.9	0.35 U	1.3	0.35 U	0.35 U	0.94	12	9.1	3.8	0.35 U	0.6
Styrene	0.39	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.85 U	0.34 U	0.34 U	0.34 U	0.34 U
tert-Butyl alcohol	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	2.4 U	0.97 U	0.97 U	0.97 U	0.97 U
Tetrachloroethene	0.9	0.54 U	0.66	0.54 U	0.54 U	0.97	44	43	31	78	27
Toluene	16	0.3 U	6.8	1.2	0.74	5.4	26	20	11	0.61	2.3
Trichloroethene	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.33	0.54 U	0.44	0.21 U	0.21 U	0.25
Trichlorofluoromethane	1.1	1.1	1.4	0.96	0.96	1.4	1.3	1.5	2.1	1.1	1.3

Notes:
All concentrations in µg/m^3
U - Not Detected
J - Estimated value

Green dates indicate samples collected during this review period
Blue compounds - Soil Vapor/Indoor Air Matrix Table 1
Maroon compounds - Soil Vapor/Indoor Air Matrix Table 2

TABLE 2
FARMINGDALE PLAZA CLEANERS (1-30-107)
SUMMARY OF VOCs IN SOIL VAPOR, SUBSLAB AND INDOOR AIR

Location	Garden Apartments Western Building				Garden Apartments Western Building				Garden Apartments Eastern Building				
Sample ID	B03-CS3				B03-IA3				B03-CS4				
Matrix	Crawl Space				Indoor Air				Crawl Space				
Sample Date	9/22/11	1/5/12	3/29/12	12/20/12	9/22/11	1/5/12	3/29/12	12/20/12	9/22/11	9/22/11 Duplicate	1/5/12	3/29/12	12/20/12
1,1,1-Trichloroethane	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
1,1,2-Trichlorotrifluoroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
1,2,4-Trimethylbenzene	0.39 U	0.39 U	0.39 U	0.39 U	0.73	0.39 U	0.39 U	0.39 U	0.66	0.59	20	0.42	0.39 U
1,2-Dichlorobenzene	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.7	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
1,2-Dichloroethane	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.35	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,3,5-Trimethylbenzene	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	9.6	0.39 U	0.39 U
1,4-Dichlorobenzene	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
2,2,4-Trimethylpentane	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U
2-Butanone (MEK)	1.5	0.94 U	1.3	0.94 U	4.1	0.94 U	1.6	0.94 U	2.4	2.8	3.7	1.8	0.94 U
4-Methyl-2-pentanone (MIBK)	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	1.1
Benzene	0.98	0.91	0.63	0.56	0.94	0.94	0.7	0.47	0.65	0.6	0.95	0.77	0.53
Carbon tetrachloride	0.57	0.45	0.45	0.55	0.53	0.44	0.49	0.46	0.47	0.44	0.44	0.49	0.5
Chlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
Chloroethane	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Chloroform	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
Chloromethane	1.1	0.96	1.3	0.97	1.7	1	1.4	0.92	0.76	0.92	0.93	1.1	0.85
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Cyclohexane	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Dichlorodifluoromethane	2.1	2.1	2.4	2.7	2	2.1	2.2	3.2	2.1	2.1	2.2	2.3	2.5
Ethanol	100	29	86	24	160	32	120	28	15	12	28	150	29
Ethylbenzene	0.67	0.35 U	0.35 U	0.35 U	0.79	0.35 U	0.4	0.35 U	0.62	0.54	17	0.35 U	0.35 U
Methyl tert-butyl ether	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
Methylene chloride	3	3.4	0.84	1.1	2.5	2.7	1.2	0.69 U	1.3 J	2.2 J	2.3	0.69 U	2.6
m-Xylene & p-Xylene	1.6	0.84	0.8	0.71	2.6	0.79	1.1	0.6	1.9	1.7	60	1	0.79
n-Hexane	1	1.2	0.7 U	0.7 U	0.99	1	0.88	0.7 U	0.95	0.93	0.92	1	0.86
o-Xylene	0.46	0.35 U	0.35 U	0.35 U	0.89	0.35 U	0.4	0.35 U	0.68	0.62	14	0.36	0.35 U
Styrene	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.35	0.34 U	0.34 U	0.34 U	0.34 U
tert-Butyl alcohol	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	1.3	0.97 U	0.97 U	0.97 U	0.97 U
Tetrachloroethene	2.8	0.54 U	0.54 U	0.54 U	0.54 U	0.68	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Toluene	4.2	1.6	2.9	1.1	5.1	1.8	12	0.99	4.7	3.9	4.8	2.8	1.5
Trichloroethene	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	1.9	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Trichlorofluoromethane	1.6	1.2	1.4	1.3	1.3	1.2	1.8	1.1	1.2	1.2	1.2	1.2	1.3

Notes:
All concentrations in µg/m^3
U - Not Detected
J - Estimated value

Green dates indicate samples collected during this review period
Blue compounds - Soil Vapor/Indoor Air Matrix Table 1
Maroon compounds - Soil Vapor/Indoor Air Matrix Table 2

TABLE 2
FARMINGDALE PLAZA CLEANERS (1-30-107)
SUMMARY OF VOCs IN SOIL VAPOR, SUBSLAB AND INDOOR AIR

Location	Garden Apartments Eastern Building				Lydia Apartments (former Milestone Apartments)					
Sample ID	B03-IA4				B04-SV1					
Matrix	Indoor Air				Soil Vapor					
Sample Date	9/22/11	1/5/12	3/29/12	12/20/12	9/22/11	1/5/12	3/28/12	12/12/12	12/20/13	12/16/14
1,1,1-Trichloroethane	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.82	1.7	1.7	0.44 U	0.44 U
1,1,2-Trichlorotrifluoroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
1,2,4-Trimethylbenzene	0.39 U	15	0.42	0.39 U	4.5	2.8	0.39 U	0.39 U	2.5	0.39 U
1,2-Dichlorobenzene	0.48 U	0.48 U	1.3	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
1,2-Dichloroethane	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	2.5	0.32 U	0.32 U	0.32 U
1,3,5-Trimethylbenzene	0.39 U	6.5	0.39 U	0.39 U	1.2	0.65	0.39 U	0.39 U	0.57	0.39 U
1,4-Dichlorobenzene	0.48 U	0.48 U	1.1	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
2,2,4-Trimethylpentane	0.93 U	0.93 U	0.93 U	0.93 U	2.4	0.93 U	0.93 U	0.93 U	1.1	0.93 U
2-Butanone (MEK)	1.9	2	2	0.94 U	11	3.1	1.8	1.1	6.9	0.94 U
4-Methyl-2-pentanone (MIBK)	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	21	3
Benzene	0.43	0.93	0.64	0.42	1.9	1.3	0.26 U	0.26 U	1.5	0.26 U
Carbon tetrachloride	0.44	0.43	0.46	0.44	0.5	0.31	0.25 U	0.25 U	0.33	0.29
Chlorobenzene	0.37 U	0.37 U	0.42	0.37 U	0.37 U	U	0.37 U	0.37 U	0.37 U	0.37 U
Chloroethane	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Chloroform	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.78	0.66	0.39 U	0.39 U	0.61
Chloromethane	0.87	0.75	1.1	0.81	1.2	0.46	0.41 U	0.41 U	0.94	0.41 U
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Cyclohexane	0.69 U	0.69 U	0.69 U	0.69 U	1.2	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Dichlorodifluoromethane	2.1	2	2.5	2.2	0.4 U	0.61	0.85	0.6	1.4	2.2
Ethanol	99	43	120	30	120	38	2.3	1.6	130 J	1.5 U
Ethylbenzene	0.35 U	11	0.35 U	0.35 U	2.3	3.2	0.35 U	0.35 U	9	0.35 U
Methyl tert-butyl ether	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.69	0.58 U	0.58 U	0.58 U
Methylene chloride	6.6	2.4	0.69 U	0.78	2.4	3.8	7	0.69 U	0.96	0.69
m-Xylene & p-Xylene	0.35 U	38	0.53	0.41	8.7	12	1.5	0.61	33	0.65
n-Hexane	0.82	0.87	0.84	0.7 U	1.9	1.4	2.1	0.7 U	2.1	0.7 U
o-Xylene	0.35 U	8.7	0.35 U	0.35 U	3.1	3.2	1.6	0.35 U	8.6	0.35 U
Styrene	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
tert-Butyl alcohol	0.97 U	0.97 U	0.97 U	0.97 U	1.6	0.97 U	0.97 U	0.97 U	6.5	0.97 U
Tetrachloroethene	0.54 U	0.54 U	1.4	0.54 U	2.1	5.1	34	110	4.2	2.7
Toluene	4.1	3.9	4	0.65	10	9.6	2.1	1.1	9.2	0.56
Trichloroethene	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	1.4	0.21 U
Trichlorofluoromethane	1.5	1.1	1.3	1.1	1.3	1.1	2.4	1.1	1.2	1.3

Notes:
All concentrations in µg/m^3
U - Not Detected
J - Estimated value

Green dates indicate samples collected during this review period
Blue compounds - Soil Vapor/Indoor Air Matrix Table 1
Maroon compounds - Soil Vapor/Indoor Air Matrix Table 2

TABLE 2
FARMINGDALE PLAZA CLEANERS (1-30-107)
SUMMARY OF VOCs IN SOIL VAPOR, SUBSLAB AND INDOOR AIR

Location	Lydia Apartments (former Milestone Apartments)							Lydia Apts	Lydia Apts
Sample ID	B04-SV2							B04-IA1	B04-IA2
Matrix	Soil Vapor							Indoor Air	Indoor Air
Sample Date	9/22/11	1/5/12	3/28/12	6/26/12	12/12/12	12/20/13	12/16/14	1/14/14	12/15/14
1,1,1-Trichloroethane	66	1200 U	81 U	53	25	0.44 U	0.44 U	0.44 U	1.3
1,1,2-Trichlorotrifluoroethane	3.8 U	1700 U	110 U	47 U	1.5 U	0.65	0.61 U	0.66	7.3
1,2,4-Trimethylbenzene	2.5 U	1100 U	73 U	30 U	0.98 U	2.3	10	0.69	0.84
1,2-Dichlorobenzene	3 U	1300 U	89 U	37 U	1.2 U	0.48 U	0.48 U	0.48 U	0.48 U
1,2-Dichloroethane	2 U	890 U	60 U	25 U	0.81 U	0.32 U	0.32 U	0.95	0.32 U
1,3,5-Trimethylbenzene	2.5 U	1100 U	73 U	30 U	0.98 U	0.55	2.2	0.39 U	0.39 U
1,4-Dichlorobenzene	3 U	1300 U	89 U	37 U	1.2 U	0.48 U	0.48 U	0.48 U	3.6
2,2,4-Trimethylpentane	5.8 U	18000	3600	71 U	2.3 U	1.3	0.93 U	7.2	2
2-Butanone (MEK)	32	2600 U	180 U	72 U	2.4 U	6.1	0.94 U	3.2	1.6
4-Methyl-2-pentanone (MIBK)	5.1 U	2300 U	150 UJ	63 U	2 U	20	0.82 U	0.82 U	0.82 U
Benzene	3.5	700 U	47 U	20 U	0.64 U	1.7	0.38	1	1.9
Carbon tetrachloride	1.6 U	690 U	47 U	19 U	0.63 U	0.39	0.29	1.1	0.52
Chlorobenzene	2.3 U	1000 U	68 U	28 U	0.92 U	0.37 U	0.37 U	0.37 U	0.37 U
Chloroethane	1.3 U	580 U	39 U	16 U	0.53 U	0.21 U	0.21 U	0.21 U	0.21 U
Chloroform	2.4 U	1100 U	72 U	30 U	0.98 U	0.39 U	0.89	3.3	0.54
Chloromethane	2.7	1100 U	77 U	32 U	1 U	1.2	0.41 U	1.8	1.4
cis-1,2-Dichloroethene	2 U	870 U	59 U	24 U	0.79 U	0.32 U	0.32 U	0.32 U	0.32 U
Cyclohexane	4.3 U	11000	370	53 U	1.7 U	0.69 U	0.69 U	0.69 U	1.1
Dichlorodifluoromethane	2.5 U	1100 U	73 U	30 U	0.99 U	2.2	2.1	2	2.5
Ethanol	710	4100 U	280 U	120 U	3.8 U	110 J	13	2000 J	270
Ethylbenzene	2.2 U	960 U	64 U	27 U	0.87 U	8	2	0.53	0.92
Methyl tert-butyl ether	3.6 U	1600 U	110 U	44 U	1.4 U	0.58 U	0.58 U	0.58 U	0.58 U
Methylene chloride	5.1	1900 U	130 U	53 U	1.7 U	0.97	1.1	1.4	2.3
m-Xylene & p-Xylene	2.2 U	960 U	64 U	27 U	0.96	30	8.8	1.8	3.5
n-Hexane	4.4 U	50000	320	54 U	1.8 U	2.1	0.7 U	1.1	2.5
o-Xylene	2.2 U	960 U	64 U	27 U	0.87 U	7.7	4.1	0.58	1.2
Styrene	2.1 U	940 U	63 U	26 U	0.85 U	0.34 U	0.34 U	0.34 U	0.34 U
tert-Butyl alcohol	6.7	2700 U	180 U	74 U	2.4 U	6.4	0.97 U	1.5	0.97 U
Tetrachloroethene	550 D	1500 U	3200	4000	1800 D	23	110	0.61	3.9
Toluene	6.7	830 U	56 U	100	3.8	9	4	3.4	4.6
Trichloroethene	36	590 U	40 U	79	15	2.9	3.7	0.21 U	0.32
Trichlorofluoromethane	2.8 U	1200 U	83 U	34 U	1.1 U	1.3	1.2	1.3	1.5

Notes:
All concentrations in µg/m^3
U - Not Detected
J - Estimated value

Green dates indicate samples collected during this review period
Blue compounds - Soil Vapor/Indoor Air Matrix Table 1
Maroon compounds - Soil Vapor/Indoor Air Matrix Table 2

TABLE 2
FARMINGDALE PLAZA CLEANERS (1-30-107)
SUMMARY OF VOCs IN SOIL VAPOR, SUBSLAB AND INDOOR AIR

Location	Outdoor Air									
Sample ID	OA-1									
Matrix	Outdoor Air									
Sample Date	9/22/11	1/5/12	3/29/12	6/26/12	12/12/12	12/20/12	12/20/13 B01	12/20/13 B02	1/14/14 B04	12/15/14
1,1,1-Trichloroethane	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
1,1,2-Trichlorotrifluoroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.66	0.65	0.65	0.63
1,2,4-Trimethylbenzene	0.41	0.39 U	0.44	0.61	0.39 U	0.39 U	0.48	0.44	0.75	0.82
1,2-Dichlorobenzene	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
1,2-Dichloroethane	0.51	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,3,5-Trimethylbenzene	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,4-Dichlorobenzene	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48	0.48 U	0.48 U
2,2,4-Trimethylpentane	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.96	3
2-Butanone (MEK)	1.4	0.94 U	1.4	1.9	0.94 U	0.94 U	1.7	0.94 U	0.95	1.3
4-Methyl-2-pentanone (MIBK)	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	1.3	0.82 U	0.82 U	0.82 U	0.82 U
Benzene	0.53	0.76	0.61	0.39	0.53	0.42	1.2	1	1.3	2.8
Carbon tetrachloride	0.48	0.4	0.41	0.53	0.43	0.54	0.5	0.46	0.63	0.58
Chlorobenzene	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
Chloroethane	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Chloroform	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
Chloromethane	1.2	0.89	1.1	1.2	1	0.88	1.1	1.1	1.6	1.1
cis-1,2-Dichloroethene	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Cyclohexane	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	1.5
Dichlorodifluoromethane	2	2	2.4	2.7	2.3	2.4	1	1.8	2.1	2.6
Ethanol	12	12	18	12	9.1	4.9	16 J	10 J	36 J	41
Ethylbenzene	0.39	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.44	0.46	0.62	0.92
Methyl tert-butyl ether	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
Methylene chloride	2.9	1.8	0.69 U	14	0.69 U	0.69 U	1.2	1.4	1.1	1.6
m-Xylene & p-Xylene	1.3	0.63	0.99	1.1	0.46	0.35 U	1.4	1.5	2	3.2
n-Hexane	0.83	0.71	0.7 U	2.5	0.7 U	0.7 U	0.84	0.92	1.2	3.4
o-Xylene	0.46	0.35 U	0.35 U	0.44	0.35 U	0.35 U	0.56	0.58	0.74	1.1
Styrene	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
tert-Butyl alcohol	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U
Tetrachloroethene	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.57	1.1
Toluene	2.1	1.2	1.4	4.9	1.4	0.52	2.1	2.2	3.1	5.9
Trichloroethene	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.49
Trichlorofluoromethane	1.3	1.1	1.3	2.5	1.1	1.2	1.2	1.3	1.3	1.7

Notes:
All concentrations in µg/m^3
U - Not Detected
J - Estimated value

Green dates indicate samples collected during this review period
Blue compounds - Soil Vapor/Indoor Air Matrix Table 1
Maroon compounds - Soil Vapor/Indoor Air Matrix Table 2

Table 3

Farmingdale Plaza Cleaner, 450 Main Street, Farmingdale, NY # 1-30-107

Vapor Phase Recovery - Select Contaminants for SVE-1 Influent

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Date	Flow Rate	Tetrachloroethene				Trichloroethene				1,2-Dichloroethene				1,2-Dichloroethane				Total BTEX				Total VOC			
		Recovery Rate				Recovery Rate				Recovery Rate				Recovery Rate				Recovery Rate				Recovery Rate			
		PCE			Cumulative	TCE			Cumulative	1,2-DCE			Cumulative	1,2-DCA			Cumulative	Total BTEX			Cumulative	Total VOC			Cumulative
	(CFM)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)
12/07/11	133.0	1,200	0.00060	0.014	0.000	99	0.00005	0.001	0.000	56	0.00003	0.001	0.000	<8.1	0.00000	0.000	0.000	<40	0.00000	0.000	0.000	1,690	0.00084	0.020	0.000
12/14/11	131.0	590	0.00029	0.007	0.049	41	0.00002	0.000	0.003	50	0.00002	0.001	0.004	<6.2	0.00000	0.000	0.000	<30.8	0.00000	0.000	0.000	948	0.00047	0.011	0.078
12/28/11	150.0	600	0.00034	0.008	0.162	63	0.00004	0.001	0.015	79	0.00004	0.001	0.019	<1.6	0.00000	0.000	0.000	7.1	0.00000	0.000	0.001	1,153	0.00065	0.016	0.296
01/12/12	161.0	530	0.00032	0.008	0.277	53	0.00003	0.001	0.027	75	0.00005	0.001	0.035	<3.2	0.00000	0.000	0.000	<16.1	0.00000	0.000	0.001	972	0.00059	0.014	0.507
01/24/12	161.0	430	0.00026	0.006	0.352	45	0.00003	0.001	0.035	57	0.00003	0.001	0.045	<3.2	0.00000	0.000	0.000	<16.1	0.00000	0.000	0.001	681	0.00041	0.010	0.625
02/09/12	148.0	470	0.00026	0.006	0.452	43	0.00002	0.001	0.044	52	0.00003	0.001	0.056	<3.2	0.00000	0.000	0.000	<16.1	0.00000	0.000	0.001	589	0.00033	0.008	0.751
02/24/12	153.0	580	0.00033	0.008	0.572	58	0.00003	0.001	0.056	61	0.00003	0.001	0.069	<3.2	0.00000	0.000	0.000	<16.1	0.00000	0.000	0.001	760	0.00044	0.010	0.908
03/09/12	165.0	400	0.00025	0.006	0.655	37	0.00002	0.001	0.063	49	0.00003	0.001	0.079	<3.2	0.00000	0.000	0.000	<16.1	0.00000	0.000	0.001	3,654	0.00226	0.054	1.667
03/21/12	165.0	540	0.00033	0.008	0.751	36	0.00002	0.001	0.070	44	0.00003	0.001	0.087	<3.2	0.00000	0.000	0.000	<16.1	0.00000	0.000	0.001	750	0.00046	0.011	1.800
04/05/12	157.0	490	0.00029	0.007	0.855	38	0.00002	0.001	0.078	42	0.00002	0.001	0.096	<3.2	0.00000	0.000	0.000	<16.1	0.00000	0.000	0.001	2,966	0.00174	0.042	2.428
04/20/12	148.0	990	0.00055	0.013	1.052	67	0.00004	0.001	0.091	66	0.00004	0.001	0.109	<3.2	0.00000	0.000	0.000	<16.1	0.00000	0.000	0.001	1,545	0.00086	0.021	2.737
10/04/12	136.0	1,100	0.00056	0.013	1.052	15	0.00001	0.000	0.091	<32	0.00000	0.000	0.109	<16	0.00000	0.000	0.000	<79	0.00000	0.000	0.001	1,184	0.00060	0.014	2.737
10/16/12	142.0	1,100	0.00059	0.014	1.221	95	0.00005	0.001	0.106	100	0.00005	0.001	0.124	<1.6	0.00000	0.000	0.000	29.0	0.00002	0.000	0.005	1,423	0.00076	0.018	2.955
11/07/12	167.0	560	0.00035	0.008	1.406	49	0.00003	0.001	0.122	63	0.00004	0.001	0.145	<1.6	0.00000	0.000	0.000	34	0.00002	0.001	0.017	756	0.00047	0.011	3.205
11/20/12	157.0	360	0.00021	0.005	1.472	39	0.00002	0.001	0.129	49	0.00003	0.001	0.154	<1.6	0.00000	0.000	0.000	<7.9	0.00000	0.000	0.017	453	0.00027	0.006	3.288
01/04/13	137.0	250	0.00013	0.003	1.610	33	0.00002	0.000	0.147	52	0.00003	0.001	0.183	<0.65	0.00000	0.000	0.000	<3.18	0.00000	0.000	0.017	351	0.00018	0.004	3.482
02/14/13	139.0	180	0.00009	0.002	1.702	20	0.00001	0.000	0.157	27	0.00001	0.000	0.197	<1.1	0.00000	0.000	0.000	6.5	0.00000	0.000	0.020	348	0.00018	0.004	3.661
03/14/13	121.0	200	0.00009	0.002	1.763	17	0.00001	0.000	0.163	25	0.00001	0.000	0.204	<0.81	0.00000	0.000	0.000	<4	0.00000	0.000	0.020	1,196	0.00054	0.013	4.025
04/11/13	126.0	220	0.00010	0.002	1.833	29	0.00001	0.000	0.172	57	0.00003	0.001	0.222	<1.1	0.00000	0.000	0.000	6.6	0.00000	0.000	0.022	456	0.00022	0.005	4.170
01/17/14	88.0	440	0.00015	0.003	1.833	8	0.00000	0.000	0.172	<1.58	0.00000	0.000	0.222	<0.81	0.00000	0.000	0.000	10	0.00000	0.000	0.022	534	0.00018	0.004	4.170
02/10/14	108.0	280	0.00011	0.003	1.898	63	0.00003	0.001	0.187	90	0.00004	0.001	0.243	<0.32	0.00000	0.000	0.000	3.2	0.00000	0.000	0.023	496	0.00020	0.005	4.285
03/10/14	111.0	250	0.00010	0.002	1.968	43	0.00002	0.000	0.199	65	0.00003	0.001	0.262	<0.65	0.00000	0.000	0.000	12	0.00000	0.000	0.026	419	0.00017	0.004	4.403
04/07/14	103.0	270	0.00010	0.003	2.038	28	0.00001	0.000	0.206	52	0.00002	0.000	0.275	<1.6	0.00000	0.000	0.000	<8.7	0.00000	0.000	0.026	453	0.00017	0.004	4.520
05/12/14	92.0	460	0.00016	0.004	2.172	43	0.00001	0.000	0.218	68	0.00002	0.001	0.295	<2.7	0.00000	0.000	0.000	<14.6	0.00000	0.000	0.026	576	0.00020	0.005	4.687
06/09/14	100.0	720	0.00027	0.006	2.353	57	0.00002	0.001	0.233	74	0.00003	0.001	0.313	<3.2	0.00000	0.000	0.000	291.4	0.00011	0.003	0.099	1,308	0.00049	0.012	5.016
AVERAGE:	**136.0**			**0.007**				**0.001**				**0.001**				**0.000**				**0.000**				**0.013**	

Notes:
- Concentrations reported by laboratory in ug/M3. Concentrations calculated by lab using the formula: Concentration in ug/M3 = Amount found (before rounding) x (molecular weight/24.45)
- lbs/hr = (CFM x 60) x (concentration x 0.000001 x 0.02832 x 0.002205)
- 1,2-DCE value = reported c-1,2-DCE concentration + t-1,2-DCE concentration
- System shut down on May 11, 2012
- System restarted October 4, 2012
- System off December 5-24, 2012 to accommodate soil vapor intrusion sampling
- SVE-1 offline from May 2013 to January 2014.
- System off December 12, 2013 through January 17, 2014 to accommodate soil vapor intrusion sampling
- SVE-1 operations terminated June 19, 2014.

Table 4

Farmingdale Plaza Cleaner, 450 Main Street, Farmingdale, NY # 1-30-107

Vapor Phase Recovery - Select Contaminants for SVE-3 Influent

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Date	Flow Rate	Tetrachloroethene				Trichloroethene				1,2-Dichloroethene				1,2-Dichloroethane				Total BTEX				Total VOC			
		Recovery Rate				Recovery Rate				Recovery Rate				Recovery Rate				Recovery Rate				Recovery Rate			
		PCE			Cumulative	TCE			Cumulative	1,2-DCE			Cumulative	1,2-DCA			Cumulative	Total BTEX			Cumulative	Total VOC			Cumulative
	(CFM)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)
07/29/13	175.0	520	0.00034	0.008	0.000	<38	0.00000	0.000	0.000	<112	0.00000	0.000	0.000	<57	0.00000	0.000	0.000	<281	0.00000	0.000	0.000	4,860	0.00319	0.076	0.000
08/01/13	192.0	240	0.00017	0.004	0.012	1.5	0.00000	0.000	0.000	<2.2	0.00000	0.000	0.000	<1.1	0.00000	0.000	0.000	219	0.00016	0.004	0.011	851	0.00061	0.015	0.044
08/06/13	184.0	170	0.00012	0.003	0.026	1.1	0.00000	0.000	0.000	<1.58	0.00000	0.000	0.000	<0.81	0.00000	0.000	0.000	40.0	0.00003	0.001	0.015	3,010	0.00207	0.050	0.293
08/13/13	193.0	130	0.00009	0.002	0.042	1.4	0.00000	0.000	0.000	<1.98	0.00000	0.000	0.000	<1.0	0.00000	0.000	0.000	1.1	0.00000	0.000	0.015	200	0.00014	0.003	0.317
09/17/13	197.0	99	0.00007	0.002	0.104	8.7	0.00001	0.000	0.006	3.2	0.00000	0.000	0.002	<0.65	0.00000	0.000	0.000	5.2	0.00000	0.000	0.018	154	0.00011	0.003	0.413
10/09/13	193.1	83	0.00006	0.001	0.135	11.0	0.00001	0.000	0.010	9.2	0.00001	0.000	0.005	<0.32	0.00000	0.000	0.000	17.2	0.00001	0.000	0.025	202	0.00015	0.004	0.490
11/01/13	253.8	58	0.00006	0.001	0.166	10.0	0.00001	0.000	0.015	7.9	0.00001	0.000	0.010	<0.65	0.00000	0.000	0.000	7.6	0.00001	0.000	0.029	93	0.00009	0.002	0.539
12/04/13	222.4	45	0.00004	0.001	0.196	15.0	0.00001	0.000	0.025	16.0	0.00001	0.000	0.020	<1.6	0.00000	0.000	0.000	20.8	0.00002	0.000	0.042	265	0.00022	0.005	0.714
01/17/14	102.0	85	0.00003	0.001	0.196	19.0	0.00001	0.000	0.025	6.9	0.00000	0.000	0.020	<0.81	0.00000	0.000	0.000	10.1	0.00000	0.000	0.042	142	0.00005	0.001	0.714
02/10/14	94.0	9	0.00000	0.000	0.197	0.9	0.00000	0.000	0.025	1.2	0.00000	0.000	0.020	<0.36	0.00000	0.000	0.000	3.7	0.00000	0.000	0.043	82	0.00003	0.001	0.730
03/10/14	99.0	11	0.00000	0.000	0.200	0.3	0.00000	0.000	0.025	<0.64	0.00000	0.000	0.020	<0.32	0.00000	0.000	0.000	14.1	0.00001	0.000	0.047	62	0.00002	0.001	0.746
04/22/14	102.0	16	0.00001	0.000	0.206	0.3	0.00000	0.000	0.025	<0.64	0.00000	0.000	0.020	<0.32	0.00000	0.000	0.000	1.6	0.00000	0.000	0.047	55	0.00002	0.001	0.768
05/12/14	91.0	33	0.00001	0.000	0.212	1.1	0.00000	0.000	0.026	1.1	0.00000	0.000	0.021	<0.32	0.00000	0.000	0.000	1.3	0.00000	0.000	0.047	54	0.00002	0.000	0.776
06/09/14	98.0	41	0.00002	0.000	0.222	0.6	0.00000	0.000	0.026	<1.26	0.00000	0.000	0.021	<0.65	0.00000	0.000	0.000	166.9	0.00006	0.001	0.089	321	0.00012	0.003	0.856
AVERAGE:	**156.9**		**0.002**				**0.000**				**0.000**				**0.000**				**0.001**				**0.012**		

Notes:
•Concentrations reported by laboratory in ug/M3. Concentrations calculated by lab using the formula: Concentration in ug/M3 = Amount found (before rounding) x (molecular weight/24.45)
•lbs/hr = (CFM x 60) x (concentration x 0.000001 x 0.02832 x 0.002205)
•1,2-DCE value = reported c-1,2-DCE concentration + t-1,2-DCE concentration
•System off December 12, 2013 through January 17, 2014 to accommodate soil vapor intrusion sampling

Table 5

Farmingdale Plaza Cleaner, 450 Main Street, Farmingdale, NY # 1-30-107

Vapor Phase Recovery - Select Contaminants for SVE-5 Influent

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Date	Flow Rate	Tetrachloroethene				Trichloroethene				1,2-Dichloroethene				1,2-Dichloroethane				Total BTEX				Total VOC			
		Recovery Rate				Recovery Rate				Recovery Rate				Recovery Rate				Recovery Rate				Recovery Rate			
		PCE			Cumulative	TCE			Cumulative	1,2-DCE			Cumulative	1,2-DCA			Cumulative	Total BTEX			Cumulative	Total VOC			Cumulative
	(CFM)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)
11/01/11	180	35,000	0.02354	0.565	0.000	<220	0.00000	0.000	0.000	<640	0.0000	0.000	0.000	<330	0.00000	0.000	0.000	<1610	0.00000	0.000	0.000	39,370	0.026	0.635	0.000
11/02/11	194	13,000	0.00944	0.227	0.565	61	0.00004	0.001	0.000	<92	0.0000	0.000	0.000	<47	0.00000	0.000	0.000	<230	0.00000	0.000	0.000	13,401	0.010	0.234	0.635
11/03/11	179	7,900	0.00531	0.127	0.792	58	0.00004	0.001	0.001	<106	0.0000	0.000	0.000	<54	0.00000	0.000	0.000	<267	0.00000	0.000	0.000	8,188	0.006	0.132	0.869
11/07/11	194	4,400	0.00320	0.077	1.302	74	0.00005	0.001	0.005	57	0.0000	0.001	0.000	<8.1	0.00000	0.000	0.000	<40	0.00000	0.000	0.000	4,806	0.003	0.084	1.398
11/08/11	194	3,900	0.00284	0.068	1.378	67	0.00005	0.001	0.006	62	0.0000	0.001	0.001	<28	0.00000	0.000	0.000	<138	0.00000	0.000	0.000	4,259	0.003	0.074	1.482
11/09/11	194	4,300	0.00313	0.075	1.447	97	0.00007	0.002	0.007	77	0.0001	0.001	0.002	<16	0.00000	0.000	0.000	<79	0.00000	0.000	0.000	5,005	0.004	0.087	1.556
11/10/11	180	5,100	0.00343	0.082	1.522	89	0.00006	0.001	0.009	69	0.0000	0.001	0.003	<51	0.00000	0.000	0.000	<249	0.00000	0.000	0.000	5,458	0.004	0.088	1.643
11/14/11	194	3,500	0.00255	0.061	1.851	59	0.00004	0.001	0.015	45	0.0000	0.001	0.008	<16	0.00000	0.000	0.000	<79	0.00000	0.000	0.000	3,700	0.003	0.065	1.996
11/22/11	180	3,300	0.00223	0.053	2.340	64	0.00004	0.001	0.023	49	0.0000	0.001	0.014	<16	0.00000	0.000	0.000	<79	0.00000	0.000	0.000	3,663	0.002	0.059	2.513
11/28/11	180	2,500	0.00169	0.040	2.661	48	0.00003	0.001	0.029	27	0.0000	0.000	0.019	<16	0.00000	0.000	0.000	<79	0.00000	0.000	0.000	2,663	0.002	0.043	2.869
12/07/11	153	1,200	0.00069	0.017	3.025	11	0.00001	0.000	0.036	12	0.0000	0.000	0.023	<8.1	0.00000	0.000	0.000	<40	0.00000	0.000	0.000	1,283	0.001	0.018	3.257
12/14/11	150	870	0.00049	0.012	3.140	4.6	0.00000	0.000	0.037	<12.2	0.0000	0.000	0.024	<6.2	0.00000	0.000	0.000	5.0	0.00000	0.000	0.000	880	0.000	0.012	3.380
12/28/11	195	750	0.00055	0.013	3.305	3.9	0.00000	0.000	0.038	<3.2	0.0000	0.000	0.024	<1.6	0.00000	0.000	0.000	17	0.00001	0.000	0.001	1,066	0.001	0.019	3.546
01/12/12	150	460	0.00026	0.006	3.502	<4.3	0.00000	0.000	0.039	<12.6	0.0000	0.000	0.024	<6.5	0.00000	0.000	0.000	<31.8	0.00000	0.000	0.005	472	0.000	0.006	3.827
01/24/12	150	520	0.00029	0.007	3.576	2.8	0.00000	0.000	0.039	<3.2	0.0000	0.000	0.024	<1.6	0.00000	0.000	0.000	2	0.00000	0.000	0.005	560	0.000	0.008	3.903
02/09/12	157	470	0.00028	0.007	3.688	2.2	0.00000	0.000	0.040	<6.4	0.0000	0.000	0.024	<3.2	0.00000	0.000	0.000	<16.1	0.00000	0.000	0.006	477	0.000	0.007	4.024
02/24/12	170	550	0.00035	0.008	3.788	<4.3	0.00000	0.000	0.040	<12.6	0.0000	0.000	0.024	<6.5	0.00000	0.000	0.000	<31.8	0.00000	0.000	0.006	550	0.000	0.008	4.125
03/09/12	165	400	0.00025	0.006	3.906	<2.1	0.00000	0.000	0.040	<6.4	0.0000	0.000	0.024	<3.2	0.00000	0.000	0.000	<16.1	0.00000	0.000	0.006	1,386	0.001	0.021	4.243
03/21/12	171	410	0.00026	0.006	3.977	2.0	0.00000	0.000	0.040	<1.58	0.0000	0.000	0.024	<0.81	0.00000	0.000	0.000	<4	0.00000	0.000	0.006	555	0.000	0.009	4.489
04/05/12	175	380	0.00025	0.006	4.072	2.6	0.00000	0.000	0.041	<6.4	0.0000	0.000	0.024	<3.2	0.00000	0.000	0.000	3.4	0.00000	0.000	0.006	2,663	0.002	0.042	4.617
04/20/12	144	440	0.00024	0.006	4.161	<5.4	0.00000	0.000	0.041	<15.8	0.0000	0.000	0.024	<8.1	0.00000	0.000	0.000	<40	0.00000	0.000	0.007	702	0.000	0.009	5.246
10/04/12	137	14,000	0.00719	0.172	4.161	<60	0.00000	0.000	0.041	<176	0.0000	0.000	0.024	<90	0.00000	0.000	0.000	<443	0.00000	0.000	0.007	14,000	0.007	0.172	5.246
10/16/12	153	1,700	0.00097	0.023	6.231	6.4	0.00000	0.000	0.041	<12.6	0.0000	0.000	0.024	<6.5	0.00000	0.000	0.000	<31.8	0.00000	0.000	0.007	1,706	0.001	0.023	7.316
11/07/12	161	590	0.00036	0.009	6.745	<4.3	0.00000	0.000	0.043	<12.6	0.0000	0.000	0.024	<6.5	0.00000	0.000	0.000	38.3	0.00002	0.001	0.007	1,960	0.001	0.028	7.832
11/20/12	153	710	0.00041	0.010	6.856	2.4	0.00000	0.000	0.043	<1.26	0.0000	0.000	0.024	<0.65	0.00000	0.000	0.000	6.6	0.00000	0.000	0.014	1,269	0.001	0.017	8.201
01/04/13	138	470	0.00024	0.006	7.296	1.5	0.00000	0.000	0.044	<3.2	0.0000	0.000	0.024	<1.6	0.00000	0.000	0.000	2.4	0.00000	0.000	0.018	1,025	0.001	0.013	8.987
02/14/13	142	230	0.00012	0.003	7.535	<2.1	0.00000	0.000	0.045	<6.4	0.0000	0.000	0.024	<3.2	0.00000	0.000	0.000	<16.1	0.00000	0.000	0.020	280	0.000	0.004	9.508
03/14/13	122	220	0.00010	0.002	7.617	0.7	0.00000	0.000	0.045	<1.58	0.0000	0.000	0.024	9	0.00000	0.000	0.000	<4	0.00000	0.000	0.020	829	0.000	0.009	9.608
04/11/13	124	230	0.00011	0.003	7.685	0.9	0.00000	0.000	0.045	<2.2	0.0000	0.000	0.024	<1.1	0.00000	0.000	0.003	1.3	0.00000	0.000	0.020	395	0.000	0.004	9.863
01/17/14	101	5,600	0.00212	0.051	7.685	13.0	0.00000	0.000	0.045	<1.58	0.0000	0.000	0.024	<0.81	0.00000	0.000	0.003	6.8	0.00000	0.000	0.020	5,651	0.002	0.051	9.863
02/10/14	115	320	0.00014	0.003	8.905	1.7	0.00000	0.000	0.048	<3.2	0.0000	0.000	0.024	<1.6	0.00000	0.000	0.003	1.8	0.00000	0.000	0.021	387	0.000	0.004	11.095
03/10/14	112	280	0.00012	0.003	8.998	1.2	0.00000	0.000	0.049	<0.64	0.0000	0.000	0.024	<0.32	0.00000	0.000	0.003	10.9	0.00000	0.000	0.022	327	0.000	0.003	11.207
04/07/14	103	370	0.00014	0.003	9.077	<1.3	0.00000	0.000	0.049	<4	0.0000	0.000	0.024	<2	0.00000	0.000	0.003	<11	0.00000	0.000	0.025	428	0.000	0.004	11.299
05/12/14	91	430	0.00015	0.004	9.197	1.3	0.00000	0.000	0.049	<2.6	0.0000	0.000	0.024	<1.3	0.00000	0.000	0.003	<7	0.00000	0.000	0.025	460	0.000	0.004	11.438
06/09/14	98	600	0.00022	0.005	9.295	2.0	0.00000	0.000	0.049	<4	0.0000	0.000	0.024	<2	0.00000	0.000	0.003	140.3	0.00005	0.001	0.025	855	0.000	0.008	11.543
AVERAGE:	**154.3**			**0.050**				**0.000**				**0.000**				**0.000**				**0.000**				**0.057**	

Table 5

Farmingdale Plaza Cleaner, 450 Main Street, Farmingdale, NY # 1-30-107

Vapor Phase Recovery - Select Contaminants for SVE-5 Influent

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Notes:
•Concentrations reported by laboratory in ug/M3. Concentrations calculated by lab using the formula: Concentration in ug/M3 = Amount found (before rounding) x (molecular weight/24.45)
•lbs/hr = (CFM x 60) x (concentration x 0.000001 x 0.02832 x 0.002205)
•1,2-DCE value = reported c-1,2-DCE concentration + reported t-1,2-DCE concentration
•12/14/11 CFM is estimated value
•Air flow rates for 12/14/11, 1/12/12, and 1/24/12 are estimated based on half of total flow
•System shut down on May 11, 2012
•System restarted October 4, 2012
•System off December 5-24, 2012 to accommodate soil vapor intrusion sampling
•SVE-1 offline from May 2013 to January 2014.
•System off December 12, 2013 through January 17, 2014 to accommodate soil vapor intrusion sampling

Table 6

Farmingdale Plaza Cleaners, 450 Main Street, Farmingdale, NY Site # 1-30-107

SVE Effluent - Emissions (select contaminants)

Date	Flow Rate	Tetrachloroethene				Trichloroethene				1,2-Dichloroethene				1,2-Dichloroethane				Total BTEX				Total VOC			
		Emissions Rate				Emissions Rate				Emissions Rate				Emissions Rate				Emissions Rate				Emissions Rate			
		PCE			Cumulative	TCE			Cumulative	1,2-DCE			Cumulative	1,2-DCA			Cumulative	Total BTEX			Cumulative	Total VOC			Cumulative
	(SCFM)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)
11/01/11	153.7	<2.7	0.00000	0.000	0.000	<1.1	0.00000	0.000	0.000	<3.2	0.0000	0.000	0.000	<1.6	0.00000	0.000	0.000	4.7	0.00000	0.000	0.000	431	0.000	0.006	0.000
11/02/11	153.8	<1.1	0.00000	0.000	0.000	<0.43	0.00000	0.000	0.000	<1.26	0.0000	0.000	0.000	1.2	0.00000	0.000	0.000	5.4	0.00000	0.000	0.000	245	0.000	0.003	0.006
11/03/11	153.7	<0.54	0.00000	0.000	0.000	<0.21	0.00000	0.000	0.000	<0.64	0.0000	0.000	0.000	0.89	0.00000	0.000	0.000	3.1	0.00000	0.000	0.000	278	0.000	0.004	0.009
11/07/11	153.8	<2.7	0.00000	0.000	0.000	<1.1	0.00000	0.000	0.000	<3.2	0.0000	0.000	0.000	<1.6	0.00000	0.000	0.000	1.7	0.00000	0.000	0.000	179	0.000	0.002	0.025
11/08/11	153.4	<2.7	0.00000	0.000	0.000	<1.1	0.00000	0.000	0.000	<3.2	0.0000	0.000	0.000	<1.6	0.00000	0.000	0.000	4.2	0.00000	0.000	0.000	213	0.000	0.003	0.027
11/09/11	153.0	<2.7	0.00000	0.000	0.000	<1.1	0.00000	0.000	0.000	<3.2	0.0000	0.000	0.000	<1.6	0.00000	0.000	0.000	1.9	0.00000	0.000	0.000	167	0.000	0.002	0.030
11/10/11	153.6	<0.54	0.00000	0.000	0.000	<0.21	0.00000	0.000	0.000	<0.64	0.0000	0.000	0.000	0.45	0.00000	0.000	0.000	<1.61	0.00000	0.000	0.000	47	0.000	0.001	0.032
11/14/11	153.6	<1.1	0.00000	0.000	0.000	<0.43	0.00000	0.000	0.000	<1.26	0.0000	0.000	0.000	<0.65	0.00000	0.000	0.000	3.1	0.00000	0.000	0.000	103	0.000	0.001	0.035
11/22/11	154.0	<0.54	0.00000	0.000	0.000	<0.21	0.00000	0.000	0.000	1.2	0.0000	0.000	0.000	<0.32	0.00000	0.000	0.000	2.7	0.00000	0.000	0.001	283	0.000	0.004	0.046
11/28/11	153.6	<2.7	0.00000	0.000	0.000	<1.1	0.00000	0.000	0.000	5.1	0.0000	0.000	0.000	<1.6	0.00000	0.000	0.000	<7.9	0.00000	0.000	0.001	222	0.000	0.003	0.070
12/07/11	241.4	<1.1	0.00000	0.0000	0.000	<1.1	0.00000	0.000	0.000	18.0	0.0000	0.000	0.001	<0.65	0.00000	0.000	0.000	<3.18	0.00000	0.000	0.001	336	0.000	0.007	0.097
12/14/11	245.2	5.2	0.00000	0.0001	0.000	<1.1	0.00000	0.000	0.000	21.0	0.0000	0.000	0.003	<1.6	0.00000	0.000	0.000	<7.9	0.00000	0.000	0.001	165	0.000	0.004	0.149
12/20/11	242.1	1.4	0.00000	0.0000	0.001	0.3	0.00000	0.000	0.000	20.3	0.0000	0.000	0.006	<0.32	0.00000	0.000	0.000	7.9	0.00001	0.000	0.001	187	0.000	0.004	0.170
12/28/11	238.5	<1.1	0.00000	0.0000	0.001	<0.43	0.00000	0.000	0.000	28.0	0.0000	0.001	0.010	<0.65	0.00000	0.000	0.000	1.0	0.00000	0.000	0.002	200	0.000	0.004	0.203
01/05/12	243.3	<2.7	0.00000	0.0000	0.001	<1.1	0.00000	0.000	0.000	17.0	0.0000	0.000	0.015	<1.6	0.00000	0.000	0.000	<7.9	0.00000	0.000	0.003	97	0.000	0.002	0.237
01/12/12	239.1	<5.4	0.00000	0.0000	0.001	<2.1	0.00000	0.000	0.000	27.0	0.0000	0.001	0.017	<3.2	0.00000	0.000	0.000	<16.1	0.00000	0.000	0.003	149	0.000	0.003	0.252
01/19/12	245.9	<1.1	0.00000	0.0000	0.001	<0.43	0.00000	0.000	0.000	16.0	0.0000	0.000	0.021	<0.65	0.00000	0.000	0.000	<3.18	0.00000	0.000	0.003	82	0.000	0.002	0.274
01/24/12	245.7	<1.1	0.00000	0.0000	0.001	<0.43	0.00000	0.000	0.000	26.0	0.0000	0.001	0.023	<0.65	0.00000	0.000	0.000	<3.18	0.00000	0.000	0.003	126	0.000	0.003	0.283
02/01/12	245.0	<1.4	0.00000	0.0000	0.001	<0.54	0.00000	0.000	0.000	25.0	0.0000	0.001	0.028	<0.81	0.00000	0.000	0.000	<4	0.00000	0.000	0.003	102	0.000	0.002	0.306
02/09/12	235.2	<1.4	0.00000	0.0000	0.001	<0.54	0.00000	0.000	0.000	14.0	0.0000	0.000	0.032	<0.81	0.00000	0.000	0.000	2.6	0.00000	0.000	0.003	57	0.000	0.001	0.324
02/17/12	230.6	<1.1	0.00000	0.0000	0.001	<0.43	0.00000	0.000	0.000	19.0	0.0000	0.000	0.034	<0.65	0.00000	0.000	0.000	1.4	0.00000	0.000	0.003	71	0.000	0.001	0.333
02/24/12	230.0	<1.1	0.00000	0.0000	0.001	<0.43	0.00000	0.000	0.000	20.0	0.0000	0.000	0.037	<0.65	0.00000	0.000	0.000	<3.18	0.00000	0.000	0.003	60	0.000	0.001	0.344
03/02/12	233.5	<1.1	0.00000	0.0000	0.001	<0.43	0.00000	0.000	0.000	17.0	0.0000	0.000	0.040	<0.65	0.00000	0.000	0.000	1.9	0.00000	0.000	0.003	3,366	0.003	0.071	0.352
03/09/12	233.5	<1.4	0.00000	0.0000	0.001	0.7	0.00000	0.000	0.000	26.0	0.0000	0.001	0.043	<0.81	0.00000	0.000	0.000	<4	0.00000	0.000	0.003	902	0.001	0.019	0.847
03/15/12	228.6	<1.1	0.00000	0.0000	0.001	1.0	0.00000	0.000	0.000	23.0	0.0000	0.000	0.046	<0.65	0.00000	0.000	0.000	<3.19	0.00000	0.000	0.003	461	0.000	0.009	0.960
03/21/12	228.0	<1.4	0.00000	0.0000	0.001	1.4	0.00000	0.000	0.000	20.0	0.0000	0.000	0.049	<0.81	0.00000	0.000	0.000	3.9	0.00000	0.000	0.003	134	0.000	0.003	1.017
03/29/12	225.6	<0.54	0.00000	0.0000	0.001	2.4	0.00000	0.000	0.000	22.0	0.0000	0.000	0.052	0.58	0.00000	0.000	0.000	0.3	0.00000	0.000	0.004	107	0.000	0.002	1.039
04/05/12	225.6	<5.4	0.00000	0.0000	0.001	3.3	0.00000	0.000	0.001	20.0	0.0000	0.000	0.055	<3.2	0.00000	0.000	0.000	3.7	0.00000	0.000	0.004	4,278	0.004	0.087	1.054
04/12/12	225.8	<5.4	0.00000	0.0000	0.001	5.7	0.00000	0.000	0.001	22.0	0.0000	0.000	0.058	<3.2	0.00000	0.000	0.000	<16.1	0.00000	0.000	0.005	1,649	0.001	0.033	1.662
04/20/12	224.6	<2.7	0.00000	0.0000	0.001	17.0	0.00001	0.000	0.002	32.0	0.0000	0.001	0.061	<1.6	0.00000	0.000	0.000	1.7	0.00000	0.000	0.005	324	0.000	0.007	1.930
04/26/12	225.2	<5.4	0.00000	0.0000	0.001	13.0	0.00001	0.000	0.004	24.0	0.0000	0.000	0.065	<3.2	0.00000	0.000	0.000	<16.1	0.00000	0.000	0.005	162	0.000	0.003	1.969
10/04/12	224.0	2.8	0.00000	0.0001	0.001	41.0	0.00003	0.001	0.004	43.5	0.0000	0.001	0.065	<0.32	0.00000	0.000	0.000	0.4	0.00000	0.000	0.005	137	0.000	0.003	1.969
10/10/12	220.6	6.5	0.00001	0.0001	0.001	52.0	0.00004	0.001	0.009	97.0	0.0001	0.002	0.070	<0.32	0.00000	0.000	0.000	20.1	0.00002	0.000	0.005	355	0.000	0.007	1.986
10/16/12	217.3	10.0	0.00001	0.0002	0.002	48.0	0.00004	0.001	0.015	61.7	0.0001	0.001	0.082	<0.65	0.00000	0.000	0.000	8.7	0.00001	0.000	0.007	179	0.000	0.003	2.028
10/25/12	225.0	21.0	0.00002	0.0004	0.004	53.0	0.00004	0.001	0.024	47.0	0.0000	0.001	0.093	<0.65	0.00000	0.000	0.000	15.5	0.00001	0.000	0.009	180	0.000	0.004	2.059
11/01/12	222.1	30.0	0.00002	0.0006	0.007	47.0	0.00004	0.001	0.031	33.0	0.0000	0.001	0.099	<1.6	0.00000	0.000	0.000	2.6	0.00000	0.000	0.011	187	0.000	0.004	2.085
11/07/12	226.8	48.0	0.00004	0.0010	0.010	66.0	0.00006	0.001	0.037	32.0	0.0000	0.001	0.103	<0.81	0.00000	0.000	0.000	16.8	0.00001	0.000	0.011	262	0.000	0.005	2.107
11/16/12	231.0	67.0	0.00006	0.0014	0.019	50.0	0.00004	0.001	0.049	30.0	0.0000	0.001	0.109	<0.81	0.00000	0.000	0.000	2.7	0.00000	0.000	0.015	200	0.000	0.004	2.155
11/20/12	226.6	140.0	0.00012	0.0029	0.025	68.0	0.00006	0.001	0.053	33.0	0.0000	0.001	0.112	<0.81	0.00000	0.000	0.000	7.3	0.00001	0.000	0.015	319	0.000	0.006	2.172
11/28/12	228.2	170.0	0.00015	0.0035	0.048	38.0	0.00003	0.001	0.064	21.0	0.0000	0.000	0.117	<0.81	0.00000	0.000	0.000	3.1	0.00000	0.000	0.016	262	0.000	0.005	2.224
12/05/12	222.9	270.0	0.00023	0.0054	0.072	39.0	0.00003	0.001	0.070	26.0	0.0000	0.001	0.120	<0.81	0.00000	0.000	0.000	5.6	0.00000	0.000	0.016	468	0.000	0.009	2.262
01/04/13	232.4	0.6	0.00000	0.0000	0.072	<0.21	0.00000	0.000	0.070	<0.64	0.0000	0.000	0.120	<0.32	0.00000	0.000	0.000	2.3	0.00000	0.000	0.016	20	0.000	0.000	2.262
01/17/13	227.6	<0.54	0.00000	0.0000	0.072	<0.21	0.00000	0.000	0.070	<0.64	0.0000	0.000	0.120	<0.32	0.00000	0.000	0.000	0.5	0.00000	0.000	0.017	23	0.000	0.000	2.267
01/30/13	229.6	2.8	0.00000	0.0001	0.072	<0.21	0.00000	0.000	0.070	<0.64	0.0000	0.000	0.120	<0.32	0.00000	0.000	0.000	11.1	0.00001	0.000	0.017	34	0.000	0.001	2.273

Table 6

Farmingdale Plaza Cleaners, 450 Main Street, Farmingdale, NY Site # 1-30-107

SVE Effluent - Emissions (select contaminants)

Date	Flow Rate	Tetrachloroethene				Trichloroethene				1,2-Dichloroethene				1,2-Dichloroethane				Total BTEX				Total VOC			
		Emissions Rate				Emissions Rate				Emissions Rate				Emissions Rate				Emissions Rate				Emissions Rate			
		PCE			Cumulative	TCE			Cumulative	1,2-DCE			Cumulative	1,2-DCA			Cumulative	Total BTEX			Cumulative	Total VOC			Cumulative
	(SCFM)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)	(ug/M3)	(lbs/hr)	(lbs/day)	(lbs)
02/14/13	225.1	<1.4	0.00000	0.0000	0.073	<0.54	0.00000	0.000	0.070	1.6	0.0000	0.000	0.120	<0.81	0.00000	0.000	0.000	<4	0.00000	0.000	0.020	69	0.000	0.001	2.283
03/01/13	216.4	2.5	0.00000	0.0000	0.073	0.6	0.00000	0.000	0.070	5.5	0.0000	0.000	0.121	<0.81	0.00000	0.000	0.000	32.7	0.00003	0.001	0.020	805	0.001	0.016	2.305
03/14/13	224.3	<2.7	0.00000	0.0000	0.074	<1.1	0.00000	0.000	0.070	8.8	0.0000	0.000	0.122	<1.6	0.00000	0.000	0.000	<7.9	0.00000	0.000	0.028	72	0.000	0.001	2.508
03/29/13	220.0	<2.7	0.00000	0.0000	0.074	<1.1	0.00000	0.000	0.070	13.0	0.0000	0.000	0.125	<1.6	0.00000	0.000	0.000	<7.9	0.00000	0.000	0.028	167	0.000	0.003	2.530
04/11/13	214.2	<1.4	0.00000	0.0000	0.074	<0.54	0.00000	0.000	0.070	22.0	0.0000	0.000	0.128	<0.81	0.00000	0.000	0.000	<4	0.00000	0.000	0.028	96	0.000	0.002	2.573
04/24/13	214.2	0.7	0.00000	0.0000	0.074	<0.21	0.00000	0.000	0.070	17.0	0.0000	0.000	0.133	<0.32	0.00000	0.000	0.000	18.0	0.00001	0.000	0.028	100	0.000	0.002	2.597
07/29/13	134.9	<0.54	0.00000	0.0000	0.074	<0.21	0.00000	0.000	0.070	38.0	0.0000	0.000	0.133	<0.32	0.00000	0.000	0.000	<1.61	0.00000	0.000	0.028	566	0.000	0.007	2.597
08/01/13	134.8	<1.4	0.00000	0.0000	0.074	<0.54	0.00000	0.000	0.070	40.0	0.0000	0.000	0.134	<0.81	0.00000	0.000	0.000	1.8	0.00000	0.000	0.028	115	0.000	0.001	2.618
08/06/13	128.8	<1.4	0.00000	0.0000	0.074	<0.54	0.00000	0.000	0.070	37.0	0.0000	0.000	0.137	<0.81	0.00000	0.000	0.000	28.9	0.00001	0.000	0.028	1,707	0.001	0.020	2.625
08/13/13	122.9	<5.4	0.00000	0.0000	0.074	<2.1	0.00000	0.000	0.070	30.0	0.0000	0.000	0.140	<3.2	0.00000	0.000	0.000	8.0	0.00000	0.000	0.030	176	0.000	0.002	2.763
09/17/13	120.6	<1.1	0.00000	0.0000	0.074	<0.43	0.00000	0.000	0.070	9.6	0.0000	0.000	0.151	<0.65	0.00000	0.000	0.000	3.5	0.00000	0.000	0.034	102	0.000	0.001	2.831
10/09/13	165.0	83.0	0.00005	0.0012	0.074	11.0	0.00001	0.000	0.070	9.2	0.0000	0.000	0.154	<0.32	0.00000	0.000	0.000	17.2	0.00001	0.000	0.034	202	0.000	0.003	2.855
11/01/13	210.2	58.0	0.00005	0.0011	0.102	10.0	0.00001	0.000	0.074	7.9	0.0000	0.000	0.157	<0.65	0.00000	0.000	0.000	7.6	0.00001	0.000	0.040	93	0.000	0.002	2.924
12/04/13	186.8	45.0	0.00003	0.0008	0.139	15.0	0.00001	0.000	0.080	16.0	0.0000	0.000	0.162	<1.6	0.00000	0.000	0.000	20.8	0.00001	0.000	0.045	265	0.000	0.004	2.982
01/17/14	194.4	2,100.0	0.00153	0.0367	0.139	12.0	0.00001	0.000	0.080	2.1	0.0000	0.000	0.162	<1.6	0.00000	0.000	0.000	2.3	0.00000	0.000	0.045	2,154	0.002	0.038	2.982
02/10/14	266.0	220.0	0.00022	0.0053	1.020	22.0	0.00002	0.001	0.085	31.0	0.0000	0.001	0.163	<0.32	0.00000	0.000	0.000	2.7	0.00000	0.000	0.046	326	0.000	0.008	3.886
03/10/14	269.0	180.0	0.00018	0.0044	1.167	15.0	0.00002	0.000	0.100	21.0	0.0000	0.001	0.183	<0.65	0.00000	0.000	0.000	5.7	0.00001	0.000	0.048	248	0.000	0.006	4.104
04/07/14	225.9	220.0	0.00019	0.0045	1.289	9.9	0.00001	0.000	0.110	18.0	0.0000	0.000	0.198	<1.6	0.00000	0.000	0.000	<8.7	0.00000	0.000	0.052	274	0.000	0.006	4.272
05/12/14	249.0	290.0	0.00027	0.0065	1.445	13.0	0.00001	0.000	0.117	19.0	0.0000	0.000	0.210	<0.81	0.00000	0.000	0.000	<4.35	0.00000	0.000	0.052	341	0.000	0.008	4.467
06/09/14	249.0	400.0	0.00037	0.0090	1.627	20.0	0.00002	0.000	0.125	26.0	0.0000	0.001	0.222	<2	0.00000	0.000	0.000	214.1	0.00020	0.005	0.052	877	0.001	0.020	4.681
07/22/14	126.2	640.0	0.00030	0.0073	2.012	18.0	0.00001	0.000	0.144	23.0	0.0000	0.000	0.247	<1.6	0.00000	0.000	0.000	8.7	0.00000	0.000	0.258	733	0.000	0.008	5.525
08/05/14	197.0	480.0	0.00035	0.0085	2.114	21.0	0.00002	0.000	0.147	23.0	0.0000	0.000	0.251	<3.2	0.00000	0.000	0.000	5.1	0.00000	0.000	0.259	639	0.000	0.011	5.642
09/08/14	201.3	480.0	0.00036	0.0087	2.403	13.0	0.00001	0.000	0.160	22.0	0.0000	0.000	0.265	<1.6	0.00000	0.000	0.000	<8.7	0.00000	0.000	0.262	546	0.000	0.010	6.027
10/08/14	199.1	280.0	0.00021	0.0050	2.664	14.0	0.00001	0.000	0.167	19.0	0.0000	0.000	0.277	<1.6	0.00000	0.000	0.000	56.4	0.00004	0.001	0.262	553	0.000	0.010	6.323
01/05/15	201.9	110.0	0.00008	0.0020	3.110	7.8	0.00001	0.000	0.189	14.0	0.0000	0.000	0.307	<0.32	0.00000	0.000	0.000	28.0	0.00002	0.001	0.352	268	0.000	0.005	7.205
AVERAGE:	**207.2**			**0.002**				**0.000**				**0.000**				**0.000**				**0.000**				**0.008**	

Notes:
•Concentrations reported by laboratory in ug/M3. Concentrations calculated by lab using the formula: Concentration in ug/M3 = Amount found (before rounding) x (molecular weight/24.45)
lbs/hr = (CFM x 60) x (concentration x 0.000001 x 0.02832 x 0.002205)
•1,2-DCE value = reported c-1,2-DCE concentration + t-1,2-DCE concentration
•System shut down on May 11, 2012
•System restarted October 4, 2012
•System off December 5-24, 2012 to accommodate soil vapor intrusion sampling
•System shut down on May 8, 2013
•System restarted July 29, 2013
•GAC vessels bypassed September 27, 2013. Effluent contaminant concentrations assumed to be identical to influent.
•System off December 12, 2013 through January 17, 2014 to accommodate soil vapor intrusion sampling
•System off December 1 through December 16, 2014 to accommodate soil vapor intrusion sampling

Table 7
Farmingdale Plaza Cleaners (1-30-107)
GAC Removal Efficiencies

Date	PCE	TCE	1,2-DCE	1,2-DCA	Total BTEX	Total VOC
11/01/11	100.00%					99.06%
11/02/11	100.00%	100.00%				98.55%
11/03/11	100.00%	100.00%				97.09%
11/07/11	100.00%	100.00%	100.00%			97.05%
11/08/11	100.00%	100.00%	100.00%			96.05%
11/09/11	100.00%	100.00%	100.00%			97.37%
11/10/11	100.00%	100.00%	100.00%			99.27%
11/14/11	100.00%	100.00%	100.00%			97.80%
11/22/11	100.00%	100.00%	97.90%			93.40%
11/28/11	100.00%	100.00%	83.88%			92.90%
12/07/11	100.00%	100.00%	53.20%			80.73%
12/14/11	99.39%	100.00%	21.39%		100.00%	84.22%
12/28/11	100.00%	100.00%	43.65%		94.84%	87.49%
01/12/12	100.00%	100.00%	46.54%			84.33%
01/24/12	100.00%	100.00%	30.39%		100.00%	84.08%
02/09/12	100.00%	100.00%	57.21%			91.80%
02/24/12	100.00%	100.00%	50.71%			93.48%
03/09/12	100.00%	97.32%	24.91%			74.67%
03/21/12	100.00%	94.92%	37.19%			86.02%
04/05/12	100.00%	88.41%	31.57%		0.00%	0.00%
04/20/12	100.00%	61.49%	26.42%			77.92%
10/04/12	99.97%	0.00%				98.53%
10/16/12	99.48%	27.91%	5.54%		54.09%	91.61%
11/07/12	94.23%	0.00%	31.02%		67.60%	86.55%
11/20/12	80.79%	0.00%	2.80%		0.00%	72.76%
01/04/13	99.87%	100.00%	100.00%		0.00%	97.60%
02/14/13	100.00%	100.00%	90.40%		100.00%	82.27%
03/14/13	100.00%	100.00%	34.75%	100.00%		93.44%
04/11/13	100.00%	100.00%	34.39%		100.00%	80.60%
07/29/13	100.00%					91.02%
08/01/13	100.00%	100.00%			99.43%	90.47%
08/06/13	100.00%	100.00%			49.43%	60.31%
08/13/13	100.00%	100.00%			0.00%	43.85%
09/17/13	100.00%	100.00%	0.00%		58.87%	59.47%
Median	100%	100%	45%	100%	63%	91%
Average	99%	87%	54%	100%	59%	84%
Range	81%-100%	0%-100%	0%-100%	100%-100%	0%-100%	0%-99%
Cumulative (lbs) In	9.6216	0.2229	0.2485	0.0028	0.0595	14.4457
Cumulative (lbs) Out	0.0740	0.0700	0.1514	0.0000	0.0335	2.8310
Overall Efficiency	99%	69%	39%	100%	44%	80%

•GAC vessels bypassed September 27, 2013. Effluent contaminant concentrations assumed to be identical to influent.

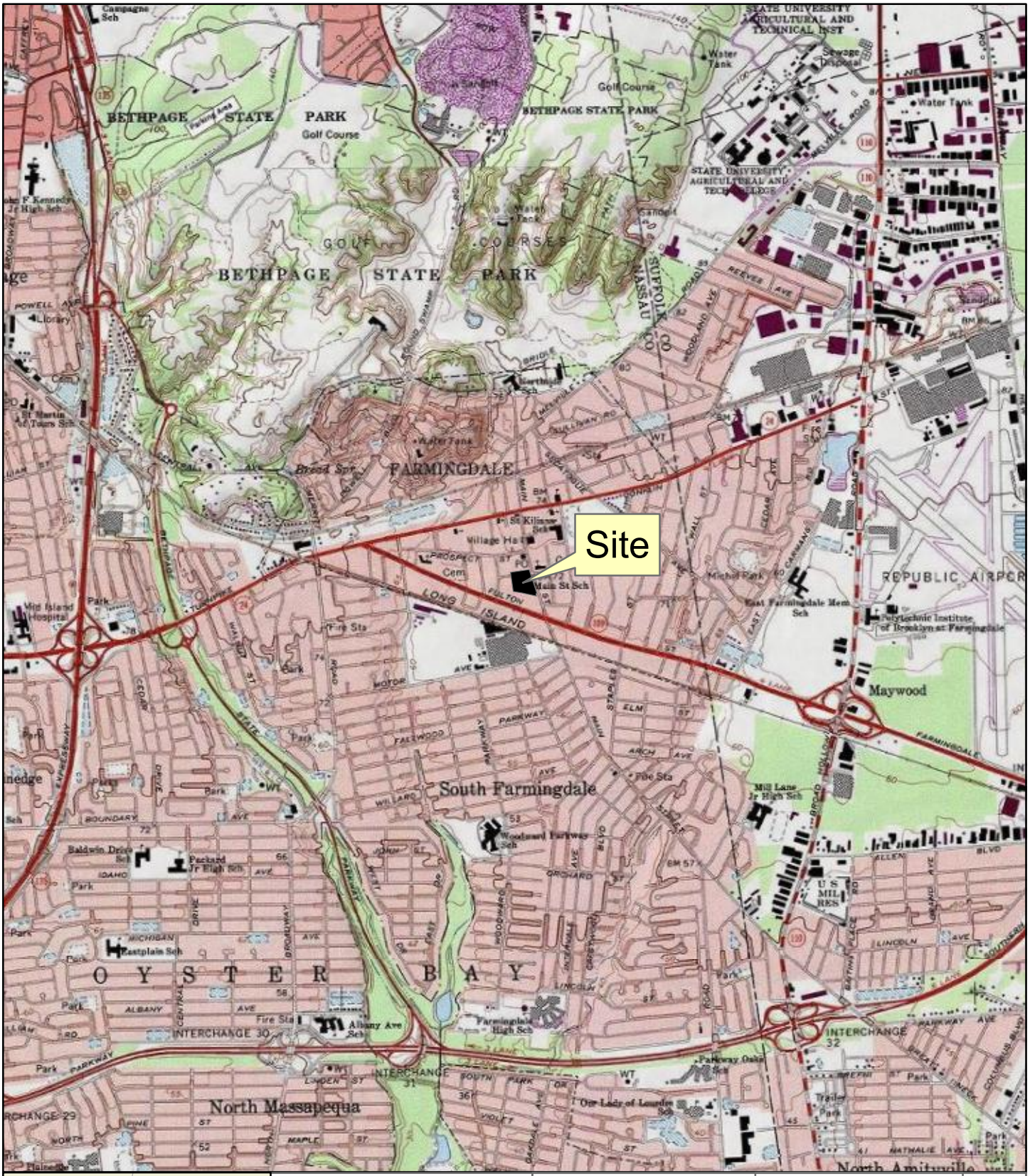
Table 8
Farmingdale Plaza Cleaners (1-30-107)
2013-2014 Ambient Air Samples

Location	Sample ID	Sample Date	PCE ug/m3	TCE ug/m3
Dry cleaners	B01-IA1	12/20/2013	1.3	0.21 U
Dry cleaners	B01-IA1	12/20/2013	2.4	0.21 U
Waldbaums	B01-IA2	12/16/2014	1.4	0.55
Lucky House Restaurant	B01-IA5	12/20/2013	0.95	0.21 U
McDonalds	B02-IA1	12/20/2013	0.64	0.21 U
Garden Apartments	B03-IA1	12/15/2014	1.3	0.34
Garden Apartments	B03-CS2	12/15/2014	0.97	0.33
Lydia Apartments	B04-IA1	1/14/2014	0.61	0.21 U
Lydia Apartments	B04-IA2	12/15/2014	3.9	0.32
Outdoor Air	OA-1	12/20/2013	0.54 U	0.21 U
Outdoor Air	OA-1	1/14/2014	0.57	0.21 U
Outdoor Air	OA-1	12/15/2014	1.1	0.49

Table 9
Farmingdale Plaza Cleaners (1-30-107)
NYSDOH Soil Vapor/Indoor Air

Sample ID	Matrix	Sample Date	PCE (µg/m3)	PCE Category		TCE (µg/m3)	TCE Category	
Dry cleaners								
B01-SS1	Subslab	12/20/2013	3200	>1000	Mitigate	5.1	>5	No Further Action
B01-IA1	Indoor Air	12/20/2013	2.4	<3		0.21 U	<0.25	
B01-SS1	Subslab	12/16/2014	200	>100	Monitor or Mitigate	0.32	<5	No Further Action
Waldbaums								
B01-SS2	Subslab	12/16/2014	32	<100	No Further Action	0.21 U	<5	Take Reasonable Action
B01-IA2	Indoor Air	12/16/2014	1.4	<3		0.55	0.25 to <1	to Locate Source
New Lucky House Chinese Restaurant								
B01-SS5	Subslab	12/20/2013	1500	>1000	Mitigate	3.6	<5	No Further Action
B01-IA5	Indoor Air	12/20/2013	0.95	<3		0.21 U	<0.25	
McDonalds								
B02-SS1	Subslab	12/20/2013	18	<100	No Further Action	1.2	<5	No Further Action
B02-IA1	Indoor Air	12/20/2013	0.64	<3		0.21 U	<0.25	
Garden Apartments Northern Building								
B03-SS1	Subslab	12/15/2014	1.7	<100	No Further Action	0.44	<5	Take Reasonable Action
B03-IA1	Indoor Air	12/15/2014	1.3	<3		0.34	0.25 to <1	to Locate Source
B03-SS2	Subslab	12/15/2014	27	<100	No Further Action	0.25	<5	Take Reasonable Action
B03-CS2	Crawl Space	12/15/2014	0.97	<3		0.33	0.25 to <1	to Locate Source
Lydia Apartments Soil Vapor Samples								
B04-SV1	Soil Vapor	12/20/2013	4.2	Not Applicable		1.4	Not Applicable	
B04-SV1	Soil Vapor	12/16/2014	2.7			0.21 U		
B04-SV2	Soil Vapor	12/20/2013	23			2.9		
B04-SV2	Soil Vapor	12/16/2014	110			3.7		
Lydia Apartments Indoor Air Samples								
B04-IA1	Indoor Air	1/14/2014	0.61	Not Applicable		0.21 U	Not Applicable	
B04-IA2	Indoor Air	12/15/2014	3.9			0.32		

Figures



U.S.G.S. 1:24 000 SCALE
TOPOGRAPHIC MAP

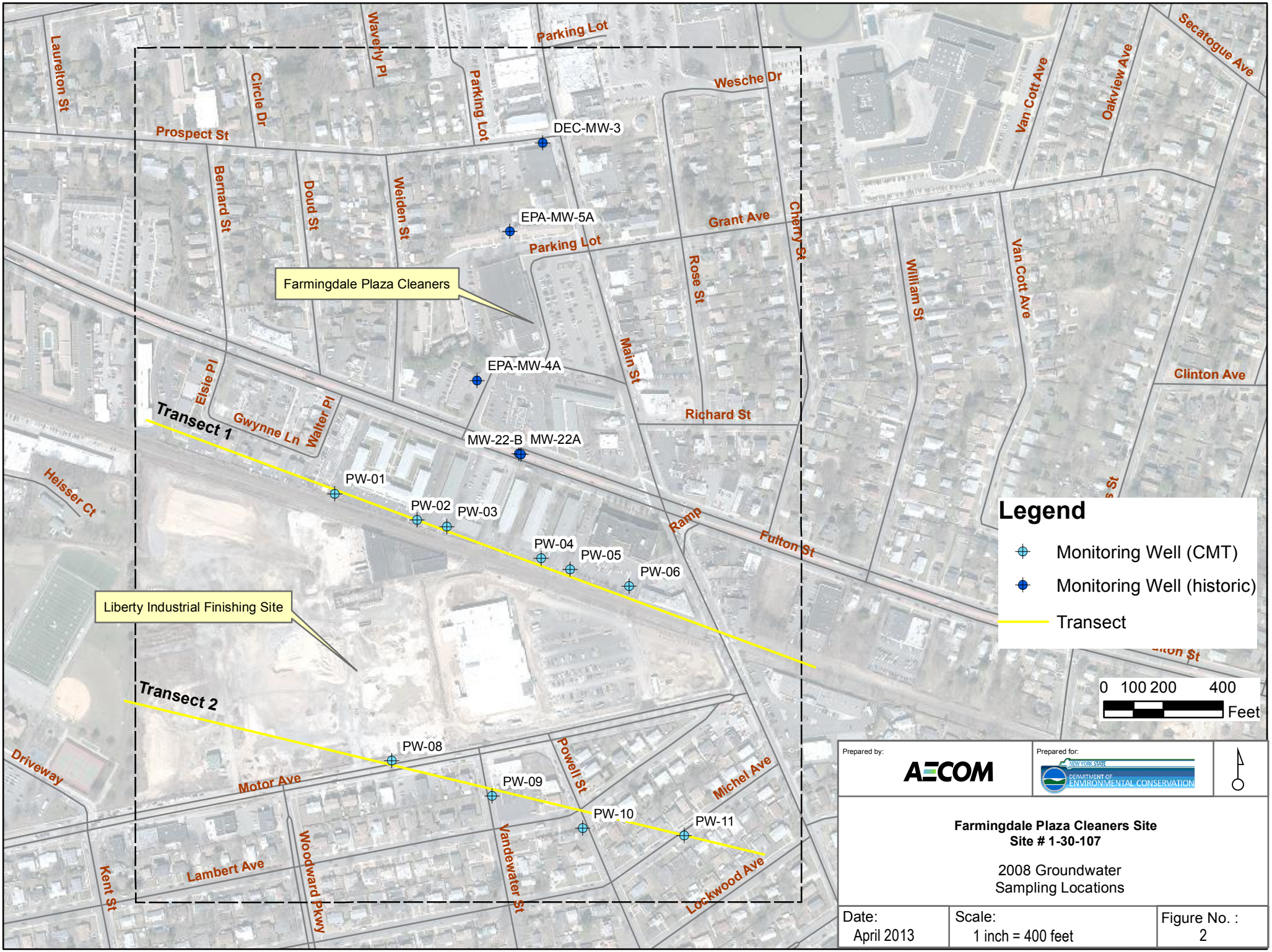
Prepared by: AECOM

Prepared for: NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Farmingdale Plaza Cleaners Site
Site # 1-30-107

Site Location
Farmingdale Plaza Cleaners Site

Date:	Scale:	Figure No. :
April 2013	1 inch = 2,500 feet	1


Laurelton St
Circle Dr
Wavely Pl
Parking Lot
Parking Lot
Wesche Dr
Van Cott Ave
Oakview Ave
Secatogue Ave
Prospect St
DEC-MW-3
Bernard St
Doud St
Weiden St
EPA-MW-5A
Grant Ave
Parking Lot
Cherry St
Rose St
William St
Van Cott Ave
Farmingdale Plaza Cleaners
Main St
EPA-MW-4A
Clinton Ave
Elsie Pl
Gwynne Ln
Walter Pl
Transect 1
Richard St
MW-22-B
MW-22A
Heisser Ct
PW-01
PW-02
PW-03
Ramp
Fulton St
PW-04
PW-05
PW-06
Liberty Industrial Finishing Site
Transect 2
Driveway
PW-08
Motor Ave
PW-09
Powell St
Michel Ave
PW-10
PW-11
Lambert Ave
Woodward Pkwy
Vandewater St
Kent St
Lockwood Ave
Legend
Monitoring Well (CMT)
Monitoring Well (historic)
Transect
0 100 200 400
Feet
Prepared by:
AECOM
Prepared for:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Farmingdale Plaza Cleaners Site
Site # 1-30-107
2008 Groundwater
Sampling Locations
Date:
April 2013
Scale:
1 inch = 400 feet
Figure No. :
2

Legend

- Crawl Space Air
- Indoor Air
- Outdoor Air
- Soil Vapor
- Subslab

0 25 50 100 150 200 Feet

Reference:
2013 Half Foot 4 Band Long Island Zone
New York Statewide Digital Orthoimagery Program

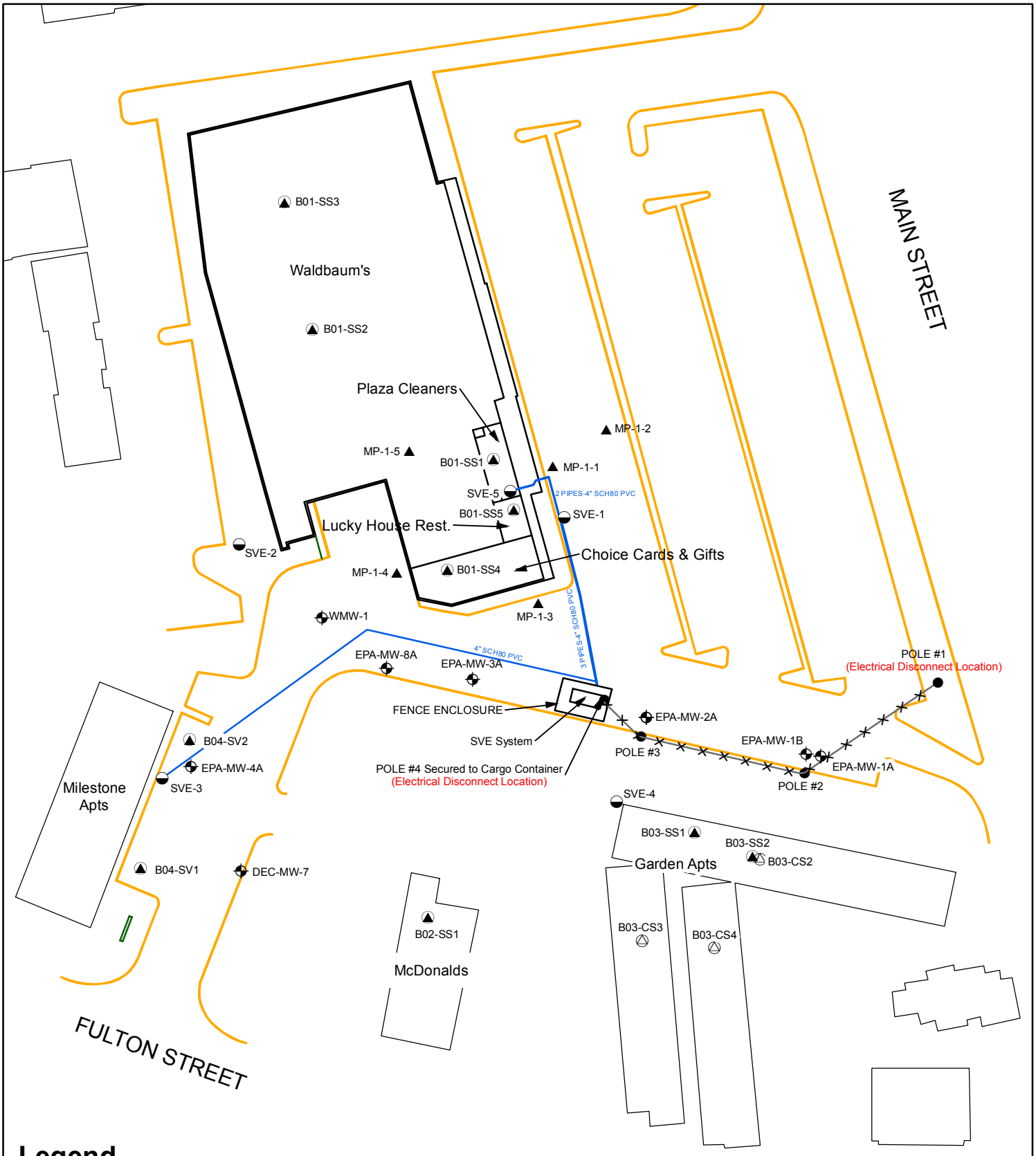
Prepared by: AECOM

Prepared for: NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Farmingdale Plaza Cleaners Site
Site # 1-30-107

Soil Vapor Intrusion
Sampling Locations

Date:	Scale:	Figure No. :
February 2015	1 inch = 100 feet	3



Legend

- Subgrade Header Piping
- Monitoring Well
- Vacuum Monitoring Well
- SVE Well
- Soil Vapor/Subslab
- Crawl Space

Prepared by: AECOM

Prepared for: NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Farmingdale Plaza Cleaners Site
Site # 1-30-107

SVE System and Soil Vapor Monitoring Points

Date:	Scale:	Figure No. :
May 2015	1 inch = 80 feet	3A

B01-SS3/IA3	Subslab				Indoor Air			
	09/2011	01/2012	03/2012	12/12/12	09/2011	01/2012	03/2012	12/12/12
Carbon tetrachloride	0.5 U	0.28	0.25 U	0.25 U	0.43	0.42	0.51	0.56
1,2-DCA	0.65 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,1,1-TCA	0.87 U	0.44 U	0.57	0.5 J	0.44 U	0.44 U	0.44 U	0.44 U
TCE	0.43 U	0.21 U	0.26	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
PCE	13	7.2	37	59 J	1.6	12	0.54 U	0.54 U

B01-OA1	06/2012	12/2013
Carbon tetrachloride	0.53	0.5
1,2-DCA	0.32 U	0.32 U
1,1,1-TCA	0.44 U	0.44 U
TCE	0.21 U	0.21 U
PCE	0.54 U	0.54 U

B01-SS1/IA1	Subslab						Indoor Air								
	09/2011	01/2012	03/2012	12/12/12	12/2013	12/16/14	09/2011	01/2012	01/12-Dup	03/2012	03/12-Dup	12/12/12	12/2013	12/13-Dup	
Carbon tetrachloride	6.3 U	0.65	0.5 J	0.55	0.25 U	0.31	0.5	0.45	0.66	0.46	0.52	0.74	0.53	0.32	
1,2-DCA	8.1 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	
1,1,1-TCA	11 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	
TCE	16	0.21 U	0.32 J	0.94	5.1	0.32	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	
PCE	2,300 D	0.54 U	50 D	320 D	3,200	200	37	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	1.3	2.4	

B01-SS2/IA2	Subslab					Indoor Air				
	09/2011	01/2012	03/2012	12/12/12	12/16/14	09/2011	01/2012	03/2012	12/12/12	12/16/14
Carbon tetrachloride	1.3 U	0.44 J	0.56 J	0.43 J	0.25 U	0.51	0.48	0.69	0.63	0.64
1,2-DCA	1.6 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,1,1-TCA	2.2 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
TCE	1.1 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.55
PCE	380	6.1 J	26 J	46 J	32	1.2	0.54 U	0.54 U	0.54 U	1.4

B01-SS5/IA5	Subslab			Indoor Air		
	06/2012	12/12/12	12/2013	06/2012	12/12/12	12/2013
Carbon tetrachloride	20 U	0.39	0.25 U	0.8	0.51	0.51
1,2-DCA	26 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,1,1-TCA	35 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
TCE	17 U	0.31	3.6	0.21 U	0.21 U	0.21 U
PCE	4,700	220 D	1,500	0.54 U	0.54 U	0.95

B04-SV2	09/2011	01/2012	03/2012	06/2012	12/12/12	12/2013	12/16/14
Carbon tetrachloride	1.6 U	690 U	47 U	19 U	0.63 U	0.39	0.29
1,2-DCA	2 U	890 U	60 U	25 U	0.81 U	0.32 U	0.32 U
1,1,1-TCA	66	1200 U	81 U	53	25	0.44 U	0.44 U
TCE	36	590 U	40 U	79	15	2.9	3.7
PCE	550 D	1,500 U	3,200	4,000	1,800 D	23	110

B01-SS4/IA4	Subslab		Indoor Air		
	06/2012	12/12/12	06/2012	06/12-Dup	12/12/12
Carbon tetrachloride	5 U	0.52	0.56	0.6	0.42
1,2-DCA	6.5 U	0.32 U	3	2.9	0.42
1,1,1-TCA	8.7 U	0.44 U	0.44 U	0.44 U	0.44 U
TCE	19	1.6	0.21 U	0.21 U	0.21 U
PCE	1500	120 D	0.62	0.78	0.54 U

B04-OA1	01/2014
Carbon tetrachloride	0.63
1,2-DCA	0.32 U
1,1,1-TCA	0.44 U
TCE	0.21 U
PCE	0.57

OA-1	09/2011	01/2012	03/2012	12/12/12	12/15/14
Carbon tetrachloride	0.48	0.4	0.41	0.43	0.58
1,2-DCA	0.51	0.32 U	0.32 U	0.32 U	0.32 U
1,1,1-TCA	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
TCE	0.21 U	0.21 U	0.21 U	0.21 U	0.49
PCE	0.54 U	0.54 U	0.54 U	0.54 U	1.1

B04-IA1	Indoor
	01/2014
Carbon tetrachloride	1.1
1,2-DCA	0.95
1,1,1-TCA	0.44 U
TCE	0.21 U
PCE	0.61

B04-IA2	Indoor
	12/15/14
Carbon tetrachloride	0.52
1,2-DCA	0.32 U
1,1,1-TCA	1.3
TCE	0.32
PCE	3.9

B03-SS1/IA1	Subslab					Indoor Air					
	09/2011	01/2012	03/2012	12/20/12	12/15/14	09/2011	01/2012	03/2012	12/20/12	12/15/14	12/15-dup
Carbon tetrachloride	1.3 U	0.38	0.61	2.5 U	0.61	0.75	0.58	0.64	0.55	0.61	0.7
1,2-DCA	1.6 U	0.37 U	0.32 U	3.2 U	0.32 U	0.32 U	0.32 U	0.33	0.32 U	0.32 U	0.32 U
1,1,1-TCA	2.2 U	0.5 U	0.44 U	4.4 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
TCE	1.1 U	0.25 U	0.21 U	2.1 U	0.44	0.21 U	0.21 U	0.21 U	0.21 U	0.32	0.34
PCE	340	26	2	110	1.7	0.9	0.65	0.78	0.66	1.1	1.3

B04-SV1	09/2011	01/2012	03/2012	12/12/12	12/2013	12/16/14
Carbon tetrachloride	0.5	0.31	0.25 U	0.25 U	0.33	0.29
1,2-DCA	0.32 U	0.32 U	2.5	0.32 U	0.32 U	0.32 U
1,1,1-TCA	0.44 U	0.82	1.7	1.7	0.44 U	0.44 U
TCE	0.21 U	0.21 U	0.21 U	0.21 U	1.4	0.21 U
PCE	2.1	5.1	34	110	4.2	2.7

B02-OA1	12/2013
Carbon tetrachloride	0.46
1,2-DCA	0.32 U
1,1,1-TCA	0.44 U
TCE	0.21 U
PCE	0.54 U

B03-SS2/CS2	Subslab					Crawl Space Air					
	09/2011	01/2012	03/2012	12/20/12	12/15/14	09/2011	01/2012	03/2012	12/20/12	12/20-Dup	12/15/14
Carbon tetrachloride	0.63 U	2.8	0.5	0.37	0.5	0.71	0.25 U	0.56	0.44	0.33	0.49
1,2-DCA	0.81 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,1,1-TCA	1.1 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
TCE	0.54 U	0.44	0.21 U	0.21 U	0.25	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.33
PCE	44	43	31	78	27	0.9	0.54 U	0.66	0.54 U	0.54 U	0.97

B02-SS1/IA1	Subslab				Indoor Air			
	09/2011	01/2012	03/2012	12/2013	09/2011	03/2012	12/12/12	12/2013
Carbon tetrachloride	0.84 U	2.5 U	0.25 U	0.25 U	0.9	0.61	0.25 U	0.85
1,2-DCA	1.1 U	3.2 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,1,1-TCA	1.5 U	4.4 U	0.58	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
TCE	0.72 U	2.1 U	0.35	1.2	0.21 U	0.21 U	7.4	0.21 U
PCE	31	18	39	18	0.54 U	0.54 U	0.77	0.64

B03-OA1	12/20/12
Carbon tetrachloride	0.54
1,2-DCA	0.32 U
1,1,1-TCA	0.44 U
TCE	0.21 U
PCE	0.54 U

B03-CS4/IA4	Crawl Space Air					Indoor Air			
	09/2011	09/11-Dup	01/2012	03/2012	12/20/12	09/2011	01/2012	03/2012	12/20/12
Carbon tetrachloride	0.47	0.44	0.44	0.49	0.5	0.44	0.43	0.46	0.44
1,2-DCA	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,1,1-TCA	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
TCE	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
PCE	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	1.4	0.54 U

B03-CS3/IA3	Crawl Space Air				Indoor Air			
	09/2011	01/2012	03/2012	12/20/12	09/2011	01/2012	03/2012	12/20/12
Carbon tetrachloride	0.57	0.45	0.45	0.55	0.53	0.44	0.49	0.46
1,2-DCA	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.35	0.32 U
1,1,1-TCA	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
TCE	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	1.9
PCE	2.8	0.54 U	0.54 U	0.54 U	0.54 U	0.68	0.54 U	0.54 U

Legend

- Subslab and Indoor Air
- Subslab and Crawl Space
- Crawl Space and Indoor Air
- Indoor Air
- Outdoor Air
- Soil Vapor

Waldbaum's
Former Dry Cleaners
Lucky House Restaurant
Choice Cards & Gifts
Lydia Apts
McDonalds
Garden Apts

Reference:
2013 Half Foot 4 Band Long Island Zone
New York Statewide Digital Orthoimagery Program

0 50 100 200 300 400
Feet

Prepared by: AECOM

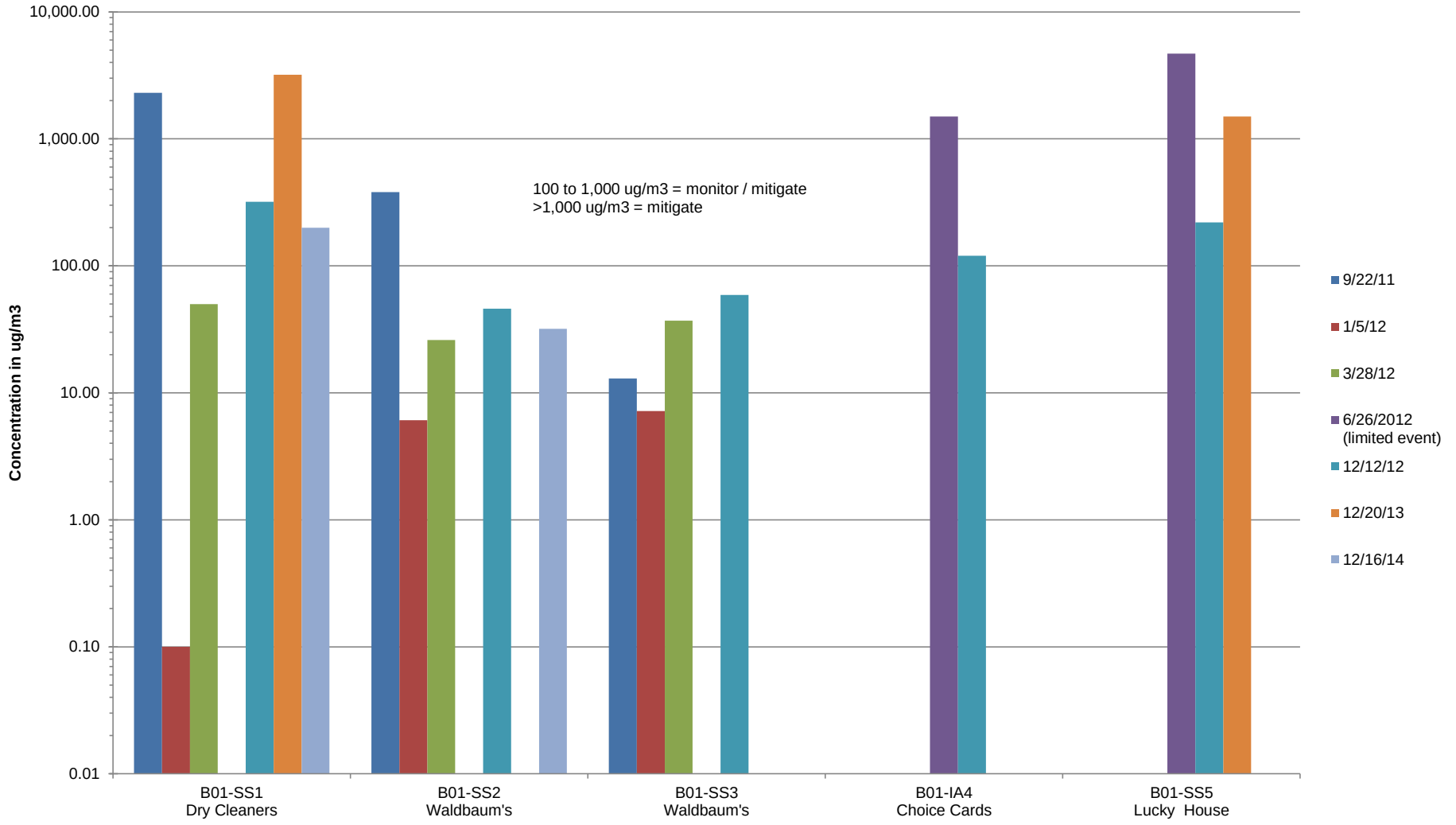
Prepared for: New York State Department of Environmental Conservation

Farmingdale Plaza Cleaners Site
Site # 1-30-107

Soil Vapor Intrusion
Sampling Results

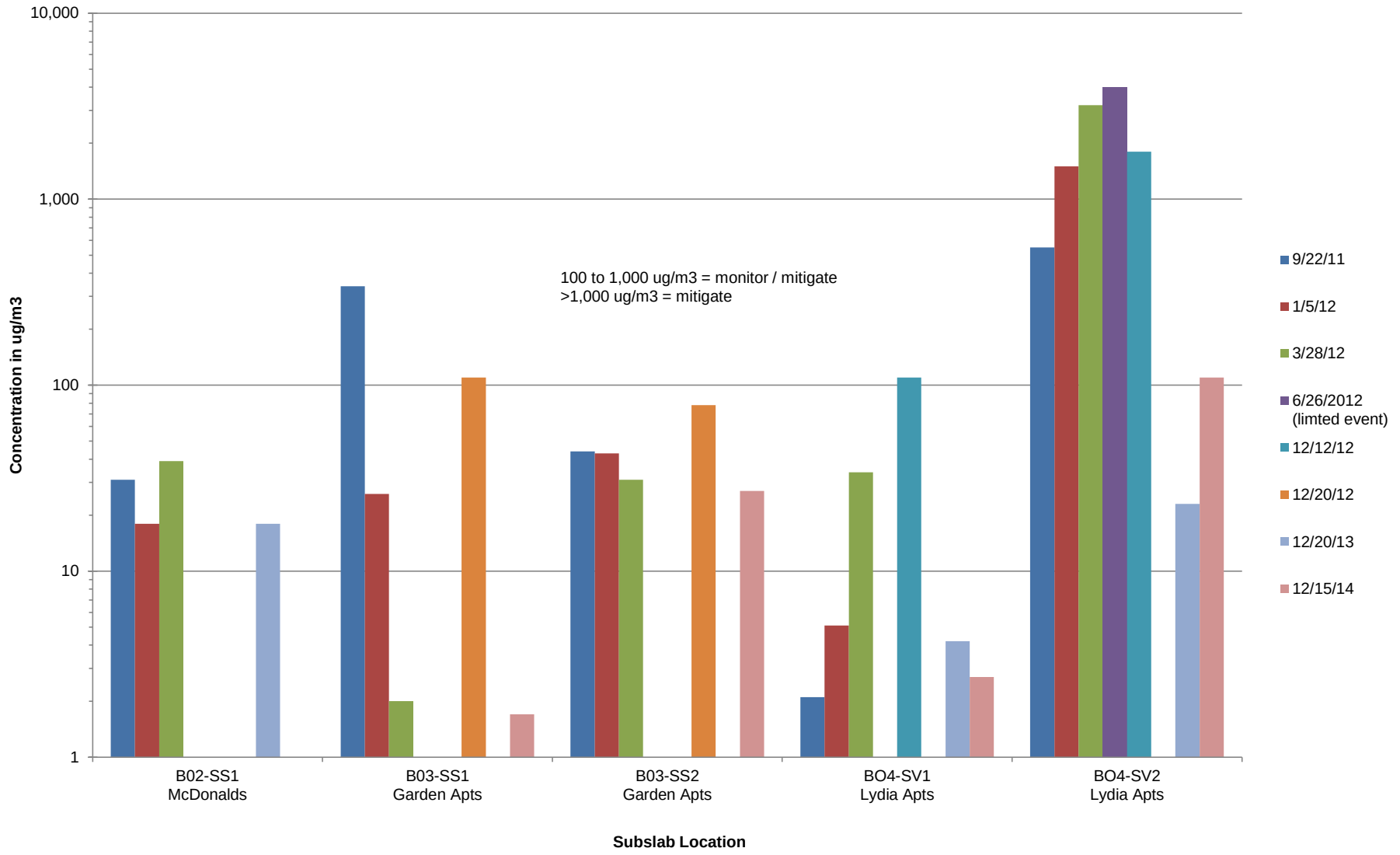
Date:	Scale:	Figure No. :
February 2015	1 inch = 125 feet	4

FIGURE 5
FARMINGDALE PLAZA CLEANERS (1-30-107)
SUMMARY OF PCE CONCENTRATIONS IN PLAZA SUBSLAB SAMPLING LOCATIONS



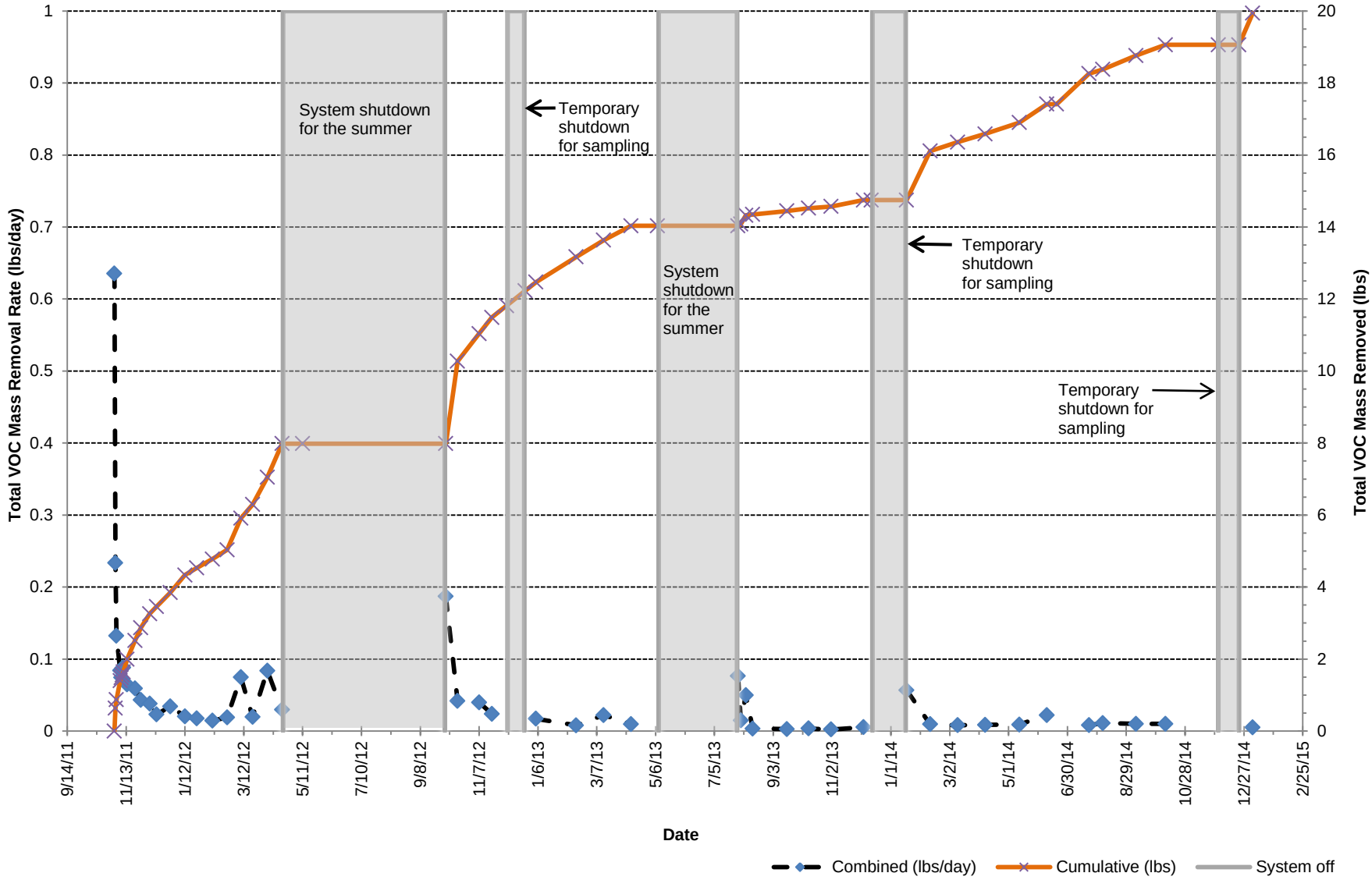
ND set to 0.1 for plotting purposes,
blank = not collected

FIGURE 6
FARMINGDALE PLAZA CLEANER (1-30-107)
SUMMARY OF SUBSLAB PCE CONCENTRATIONS IN OFF-SITE BUILDINGS



Blank = not collected

FIGURE 7
FARMINGDALE PLAZA CLEANERS (1-30-107)
TOTAL VOCs MASS REMOVAL



Appendix A

Air Sampling Logs

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Farmingdale Plaza Cleaners | Site Code: 130107 | Operable Unit: 01

Building Code: B01 | Building Name: Site Building (Plaza)

Address: 450 Main Street | Apt/Suite No: A,B

City: Farmingdale | State: NY | Zip: 11735 | County: Nassau

Contact Information

Preparer's Name: Celeste Foster | Phone No: (845) 425-4980

Preparer's Affiliation: AECOM | Company Code: AECOMCR

Purpose of Investigation: SVI Sampling | Date of Inspection: 12/20/2013

Contact Name: New Lucky House Corporation | Affiliation: TENANT

Phone No: (516) 293-8338 | Alt. Phone No: | Email:

Number of Occupants (total): 4 | Number of Children: 0

[X] Occupant Interviewed? [ ] Owner Occupied? [ ] Owner Interviewed?

Owner Name (if different): | Owner Phone:

Owner Mailing Address:

Building Details

Bldg Type (Res/Com/Ind/Mixed): COMMERCIAL/MIXED | Bldg Size (S/M/L): LARGE

If Commercial or Industrial Facility, Select Operations: MULTI-UNIT RESIDENCE

If Residential Select Structure Type:

Number of Floors: 1 | Approx. Year Construction: 1983 | [X] Building Insulated? | [ ] Attached Garage?

Describe Overall Building 'Tightness' and Airflows(e.g., results of smoke tests):

Not tight, Air flow out window and door

Foundation Description

Foundation Type: NO BASEMENT/SLAB | Foundation Depth (bgs): | Unit: FEET

Foundation Floor Material: POURED CONCRETE

Foundation Wall Material: CONCRETE BLOCK

Foundation Floor Thickness: | Foundation Wall Thickness: | Unit: INCHES

[ ] Floor penetrations? Describe Floor Penetrations:

[ ] Wall penetrations? Describe Wall Penetrations:

Basement is: | Basement is: | [ ] Sumps/Drains? | Water In Sump?:

Describe Foundation Condition (cracks, seepage, etc.) :

[ ] Radon Mitigation System Installed? [X] VOC Mitigation System Installed? [ ] Mitigation System On?

Heating/Cooling/Ventilation Systems

Heating System: FORCED AIR | Heat Fuel Type: GAS | [ ] Central A/C Present?

Vented Appliances

Water Heater Fuel Type: GAS | Clothes Dryer Fuel Type: NO CLOTHES DRYER

Water Htr Vent Location: OUTSIDE | Dryer Vent Location: NONE

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

PRODUCT INVENTORY

Building Name: Site Building (Plaza) Bldg Code: B01 Date: 12/20/2013

Bldg Address: 450 Main Street Apt/Suite No: A,B

Bldg City/State/Zip: Farmingdale NY, 11735

Make and Model of PID: Mini Rae Date of Calibration: 12/20/2013

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
Chinese Resta	Bleach	1 gal	U	Not Listed	0	☐
Chinese Resta	Natural Gas Stoves					☐
Former Dry Cl	None					☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Product Inventory Complete? Yes Were there any elevated PID readings taken on site? No ☐ Products with COC?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Farmingdale Plaza Cleaners Site Code: 130107 Operable Unit: 01

Building Code: B01 Building Name: Site Building (Plaza)

Address: 450 Main Street Apt/Suite No: A,B

City: Farmingdale State: NY Zip: 11735 County: Nassau

Factors Affecting Indoor Air Quailty

Frequency Basement/Lowest Level is Occupied?: FULL TIME Floor Material: LINOLEUM/VINYL

☒ Inhabited? ☒ HVAC System On? ☒ Bathroom Exhaust Fan? ☒ Kitchen Exhaust Fan?

Alternate Heat Source: NONE ☐ Is there smoking in the building?

☐ Air Fresheners? Description/Location of Air Freshener:

☒ Cleaning Products Used Recently?: Description of Cleaning Products: Bleach

☐ Cosmetic Products Used Recently?: Description of Cosmetic Products:

☐ New Carpet or Furniture? Location of New Carpet/Furniture:

☐ Recent Dry Cleaning? Location of Recently Dry Cleaned Fabrics:

☐ Recent Painting/Staining? Location of New Painting:

☐ Solvent or Chemical Odors? Describe Odors (if any):

☐ Do Any Occupants Use Solvents At Work? If So, List Solvents Used:

☐ Recent Pesticide/Rodenticide? Description of Last Use:

Describe Any Household Activities (chemical use,/storage, unvented appliances, hobbies, etc.) That May Affect Indoor Air Quality:

☐ Any Prior Testing For Radon? If So, When?:

☒ Any Prior Testing For VOCs? If So, When?: 2010-2012

Sampling Conditions

Weather Conditions: SUNNY Outdoor Temperature: 40-50 °F

Current Building Use: MULTI-USE BUILDING Barometric Pressure: 30 in(hg)

Product Inventory Complete? Yes ☒ Building Questionnaire Completed?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Building Code: B01 Address: 450 Main Street A,B Farmingdale, NY 11735

Sampling Information

Sampler Name(s): Celeste Foster, Rita Papagian

Sampler Company Code: AECOMCR

Sample Collection Date: 12/20/2013

Date Samples Sent To Lab: 12/27/2013

Sample Chain of Custody Number: 140-677-1

Outdoor Air Sample Location ID: B01-OA1

SUMMA Canister Information

Sample ID:	B01-SS1-20131220	B01-IA1-201	B01-IA51-201	B01-IA5-201	B01-SS5-201
Location Code:	B01-SS1	B01-IA1	B01-IA1	B01-IA5	B01-SS5
Location Type:	SUBSLAB	FIRST FLOOR	FIRST FLOOR	FIRST FLOOR	SUBSLAB
Canister ID:	09625	10686	10764	09985	10389
Regulator ID:	K316	K309	K386	K532	K275
Matrix:	Subslab Soil Vap	Indoor Air	Indoor Air	Indoor Air	Subslab Soil
Sampling Method:	SUMMA AIR SAMPLI	SUMMA AIR SA	SUMMA AIR SA	SUMMA AIR SA	SUMMA AIR SA

Sampling Area Info

Slab Thickness (inches):					
Sub-Slab Material:					
Sub-Slab Moisture:					
Seal Type:					
Seal Adequate?:	☒	☐	☐	☐	☒

Sample Times and Vacuum Readings

Sample Start Date/Time:	12/20/2013 10:	12/20/2013	12/20/2013	12/20/2013	12/20/2013
Vacuum Gauge Start:	-30	-30	-30	-30	-30
Sample End Date/Time:	12/20/2013 17:	12/20/2013	12/20/2013	12/20/2013	12/20/2013
Vacuum Gauge End:	-6	-7.5	-6	-8	-6
Sample Duration (hrs):	8	8	8	8	8
Vacuum Gauge Unit:	in(hg)	in(hg)	in(hg)	in(hg)	in(hg)

Sample QA/QC Readings

Vapor Port Purge:	☒	☐	☐	☐	☒
Purge PID Reading:	0				0
Purge PID Unit:	ppm				ppm
Tracer Test Pass:	☒	☐	☐	☐	☒

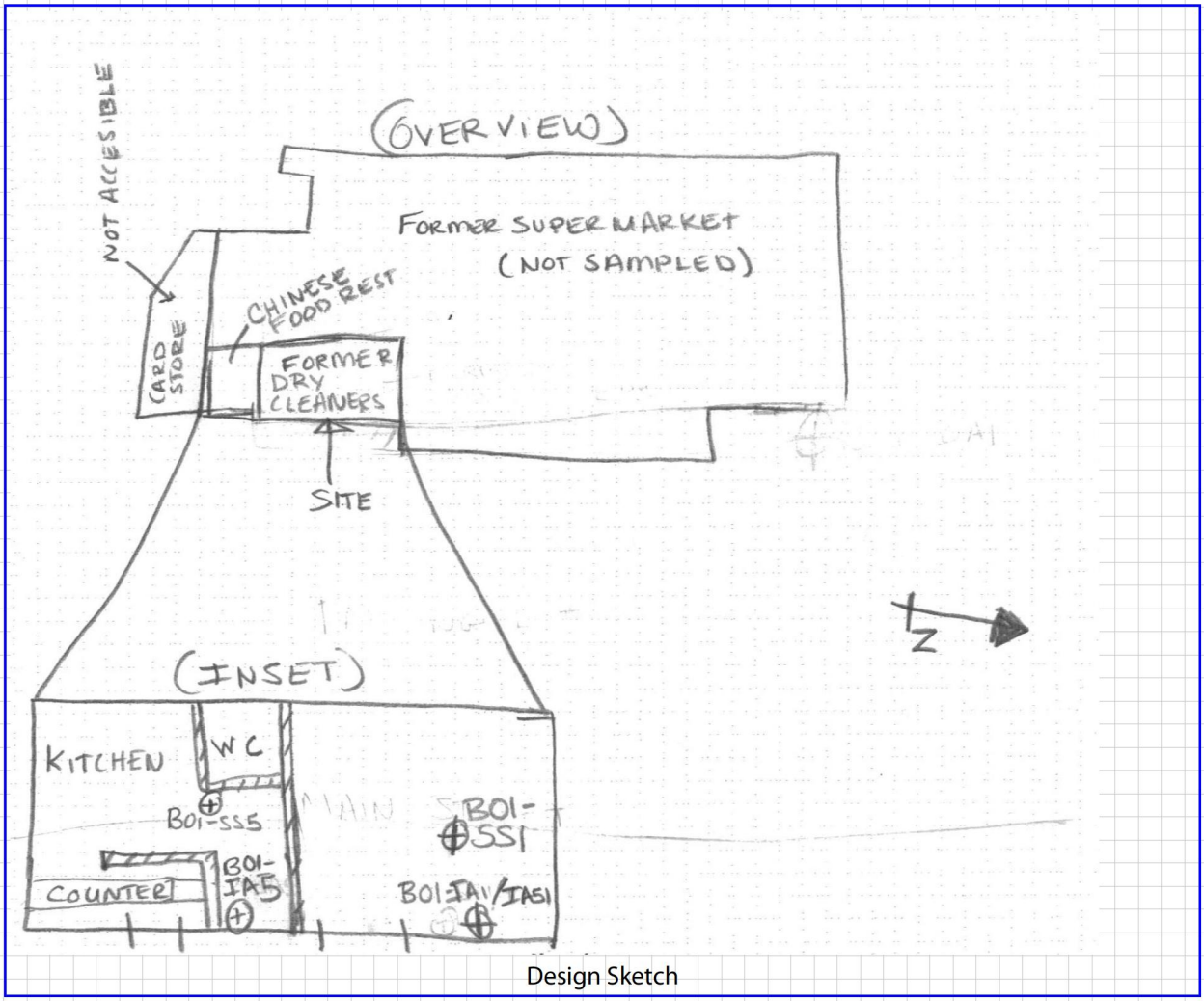
Sample start and end times should be entered using the following format: MM/DD/YYYY HH:MM

Structure Sampling Questionnaire and Building Inventory
New York State Department of Environmental Conservation

LOWEST BUILDING LEVEL LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the lowest building level .
The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sket
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or **F**	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

FIRST FLOOR BUILDING LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the first floor of the building.
The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image

Design Sketch

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
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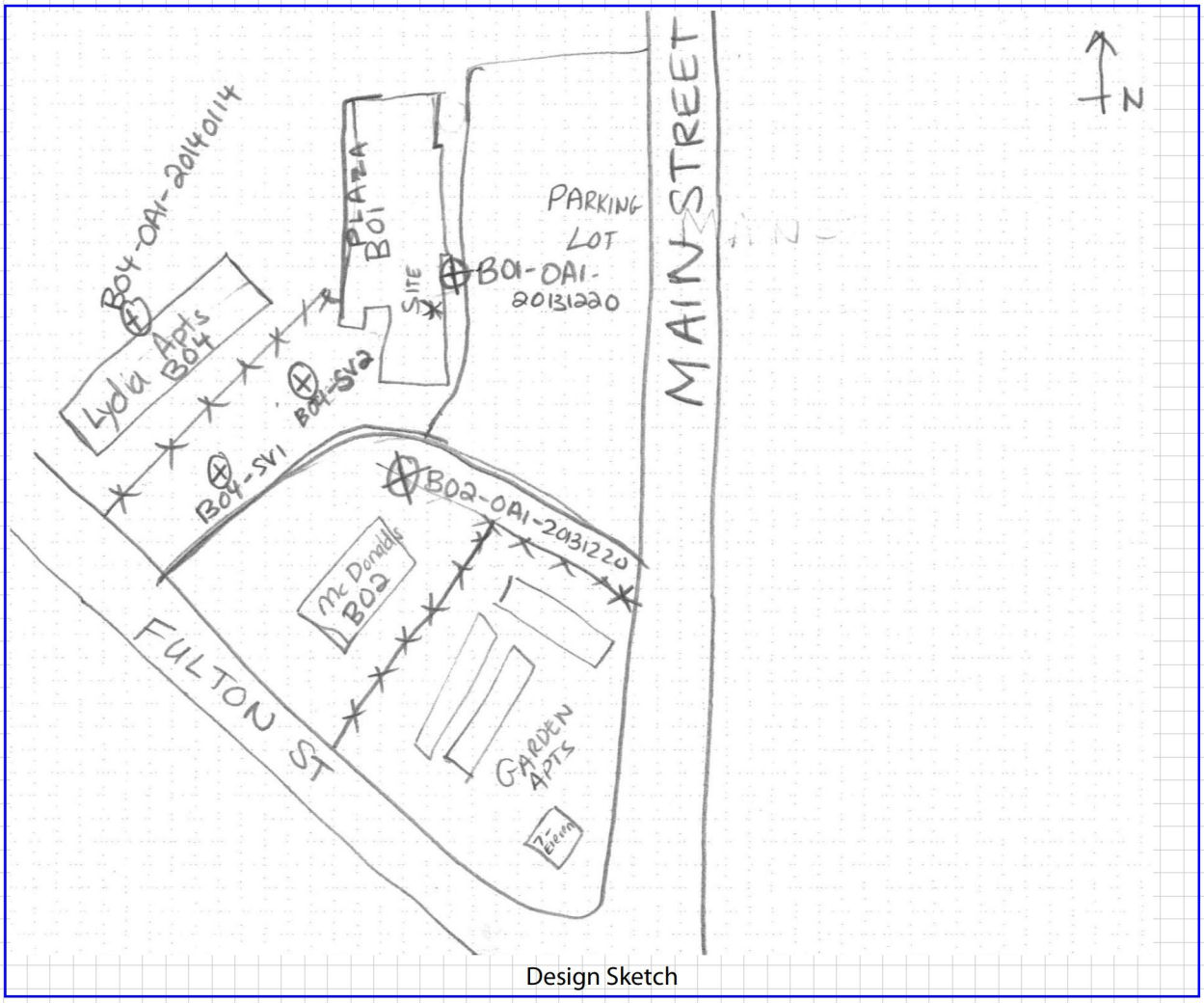
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory
New York State Department of Environmental Conservation

OUTDOOR PLOT LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the outdoor plot of the building as well as the surrounding area. The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sket
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B or **F**	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Building Code: _____ Address: _____

Sampling Information

Sampler Name(s): _____ Sampler Company Code: _____

Sample Collection Date: _____ Date Samples Sent To Lab: _____

Sample Chain of Custody Number: _____ Outdoor Air Sample Location ID: _____

SUMMA Canister Information

Sample ID:	B01-OA1-20131220				
Location Code:	B01-OA1-20131220				
Location Type:	OUTDOOR				
Canister ID:	10471				
Regulator ID:	K259				
Matrix:	Ambient Outdoor A				
Sampling Method:	SUMMA AIR SAMPLI				

Sampling Area Info

Slab Thickness (inches):					
Sub-Slab Material:					
Sub-Slab Moisture:					
Seal Type:					
Seal Adequate?:	☐	☐	☐	☐	☐

Sample Times and Vacuum Readings

Sample Start Date/Time:	12/20/2013 10:3				
Vacuum Gauge Start:	-30				
Sample End Date/Time:	12/20/2013 18:1				
Vacuum Gauge End:	-6				
Sample Duration (hrs):	8				
Vacuum Gauge Unit:	in(hg)				

Sample QA/QC Readings

Vapor Port Purge:	☐	☐	☐	☐	☐
Purge PID Reading:					
Purge PID Unit:					
Tracer Test Pass:	☐	☐	☐	☐	☐

Sample start and end times should be entered using the following format: MM/DD/YYYY HH:MM

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Farmingdale Plaza Cleaners | Site Code: 130107 | Operable Unit: 01

Building Code: B02 | Building Name: McDonalds

Address: 655 Fulton St | Apt/Suite No: NA

City: Farmingdale | State: NY | Zip: 11735 | County: Nassau

Contact Information

Preparer's Name: Celeste Foster | Phone No: (845) 425-4980

Preparer's Affiliation: AECOM | Company Code: AECOMCR

Purpose of Investigation: SVI Sampling | Date of Inspection: 12/20/2013

Contact Name: Richard Disney | Affiliation: OWNER

Phone No: (516) 443-3066 | Alt. Phone No: (631) 271-8055 | Email: rickd117@yahoo.com

Number of Occupants (total): 10+ | Number of Children: varies

☒ Occupant Interviewed? ☐ Owner Occupied? ☐ Owner Interviewed?

Owner Name (if different): | Owner Phone:

Owner Mailing Address:

Building Details

Bldg Type (Res/Com/Ind/Mixed): COMMERCIAL/MIXED | Bldg Size (S/M/L): SMALL

If Commercial or Industrial Facility, Select Operations: FOOD SERVICE

If Residential Select Structure Type:

Number of Floors: 2 | Approx. Year Construction: 1973 | ☒ Building Insulated? ☐ Attached Garage?

Describe Overall Building 'Tightness' and Airflows(e.g., results of smoke tests):

Tight, air towards door

Foundation Description

Foundation Type: BASEMENT | Foundation Depth (bgs): 7 | Unit: FEET

Foundation Floor Material: POURED CONCRETE

Foundation Wall Material: POURED CONCRETE

Foundation Floor Thickness: | Foundation Wall Thickness: | Unit: INCHES

☒ Floor penetrations? Describe Floor Penetrations: 2 drains and 1 sump

☐ Wall penetrations? Describe Wall Penetrations:

Basement is: UNFINISHED | Basement is: DRY | ☒ Sumps/Drains? | Water In Sump?: NO

Describe Foundation Condition (cracks, seepage, etc.) : Good condition no cracks

☐ Radon Mitigation System Installed? ☐ VOC Mitigation System Installed? ☐ Mitigation System On?

Heating/Cooling/Ventilation Systems

Heating System: FORCED AIR | Heat Fuel Type: GAS | ☒ Central A/C Present?

Vented Appliances

Water Heater Fuel Type: GAS | Clothes Dryer Fuel Type: NO CLOTHES DRYER

Water Htr Vent Location: NONE | Dryer Vent Location: NONE

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

PRODUCT INVENTORY

Building Name: McDonalds Bldg Code: B02 Date: 12/20/2013

Bldg Address: 655 Fulton St Apt/Suite No: NA

Bldg City/State/Zip: Farmingdale NY, 11735

Make and Model of PID: Mini Rae Date of Calibration: 12/20/2013

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
Basement	Glass and Multi Surface Cleane	1 galx7	UO	NL	0	☐
Basement	Machine Warewashing Deterge	1 gal x 7	UO	NL	0	☐
Basement	Graffiti Remover	12	U	NL	0	☐
Basement	Restroom cleaner	1QTx3	UO	NL	0	☐
Basement	TB Disinfectant Cleaner	1 QTx3	UO	NL	0	☐
Basement	All Purpose Super Concentrate	1 QTx2	UO	NL	0	☐
Basement	Kay REMOVE Oven Cleaner	1 QTx2	UO	NL	0	☐
Basement	Specialty Cleaner & Polish	1 QTx3	UO	NL	**0**	☐
Basement	Kay Degreaser	1 Gal x4	UO	NL	0	☐
Basement	Kay No-Thaw Freezer/Cooler Cl	1 Gal	U	NL	0	☐
						☐
						☐
						☐
						☐
						☐
						☐

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Product Inventory Complete? Yes Were there any elevated PID readings taken on site? No ☐ Products with COC?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Farmingdale Plaza Cleaners Site Code: 130107 Operable Unit: 01

Building Code: B02 Building Name: McDonalds

Address: 655 Fulton St Apt/Suite No: NA

City: Farmingdale State: NY Zip: 11735 County: Nassau

Factors Affecting Indoor Air Quailty

Frequency Basement/Lowest Level is Occupied?: OCCASIONALLY Floor Material: CEMENT

☐ Inhabited? ☒ HVAC System On? ☒ Bathroom Exhaust Fan? ☒ Kitchen Exhaust Fan?

Alternate Heat Source: NONE ☐ Is there smoking in the building?

☐ Air Fresheners? Description/Location of Air Freshener:

☒ Cleaning Products Used Recently?: Description of Cleaning Products: General cleaning products

☐ Cosmetic Products Used Recently?: Description of Cosmetic Products:

☐ New Carpet or Furniture? Location of New Carpet/Furniture:

☐ Recent Dry Cleaning? Location of Recently Dry Cleaned Fabrics:

☐ Recent Painting/Staining? Location of New Painting:

☐ Solvent or Chemical Odors? Describe Odors (if any):

☐ Do Any Occupants Use Solvents At Work? If So, List Solvents Used:

☐ Recent Pesticide/Rodenticide? Description of Last Use:

Describe Any Household Activities (chemical use,/storage, unvented appliances, hobbies, etc.) That May Affect Indoor Air Quality:

☐ Any Prior Testing For Radon? If So, When?:

☒ Any Prior Testing For VOCs? If So, When?: 2010, 2011, 2012

Sampling Conditions

Weather Conditions: SUNNY Outdoor Temperature: 40-50 °F

Current Building Use: FOOD SERVICE Barometric Pressure: 30 in(hg)

Product Inventory Complete? Yes ☒ Building Questionnaire Completed?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Building Code: B02 Address: 655 Fulton St NA Farmingdale, NY 11735

Sampling Information

Sampler Name(s): Celeste Foster and Rita Papagian Sampler Company Code: AECOMCR

Sample Collection Date: 12/20/2013 Date Samples Sent To Lab: 12/27/2013

Sample Chain of Custody Number: 140-677-1 Outdoor Air Sample Location ID: B02-OA1

SUMMA Canister Information

Sample ID:	B02-SS1-20131220	B02-IA1-201	B02-OA1-201		
Location Code:	B02-SS1	B02-IA1	B02-OA1-201		
Location Type:	SUBSLAB	BASEMENT	OUTDOOR		
Canister ID:	09730	09990	10001		
Regulator ID:	K432	K528	K246		
Matrix:	Subslab Soil Vap	Indoor Air	Ambient Outd		
Sampling Method:	SUMMA AIR SAMPLI	SUMMA AIR SA	SUMMA AIR SA		

Sampling Area Info

Slab Thickness (inches):					
Sub-Slab Material:					
Sub-Slab Moisture:					
Seal Type:					
Seal Adequate?:	☒	☐	☐	☐	☐

Sample Times and Vacuum Readings

Sample Start Date/Time:	12/20/2013 8:59	12/20/2013	12/20/2013		
Vacuum Gauge Start:	-30	-30	-30		
Sample End Date/Time:	12/20/2013 16:	12/20/2013	12/20/2013		
Vacuum Gauge End:	-7	-7	-7		
Sample Duration (hrs):	8	8	8		
Vacuum Gauge Unit:	in(hg)	in(hg)	in(hg)		

Sample QA/QC Readings

Vapor Port Purge:	☒	☐	☐	☐	☐
Purge PID Reading:	0				
Purge PID Unit:	ppm				
Tracer Test Pass:	☒	☐	☐	☐	☐

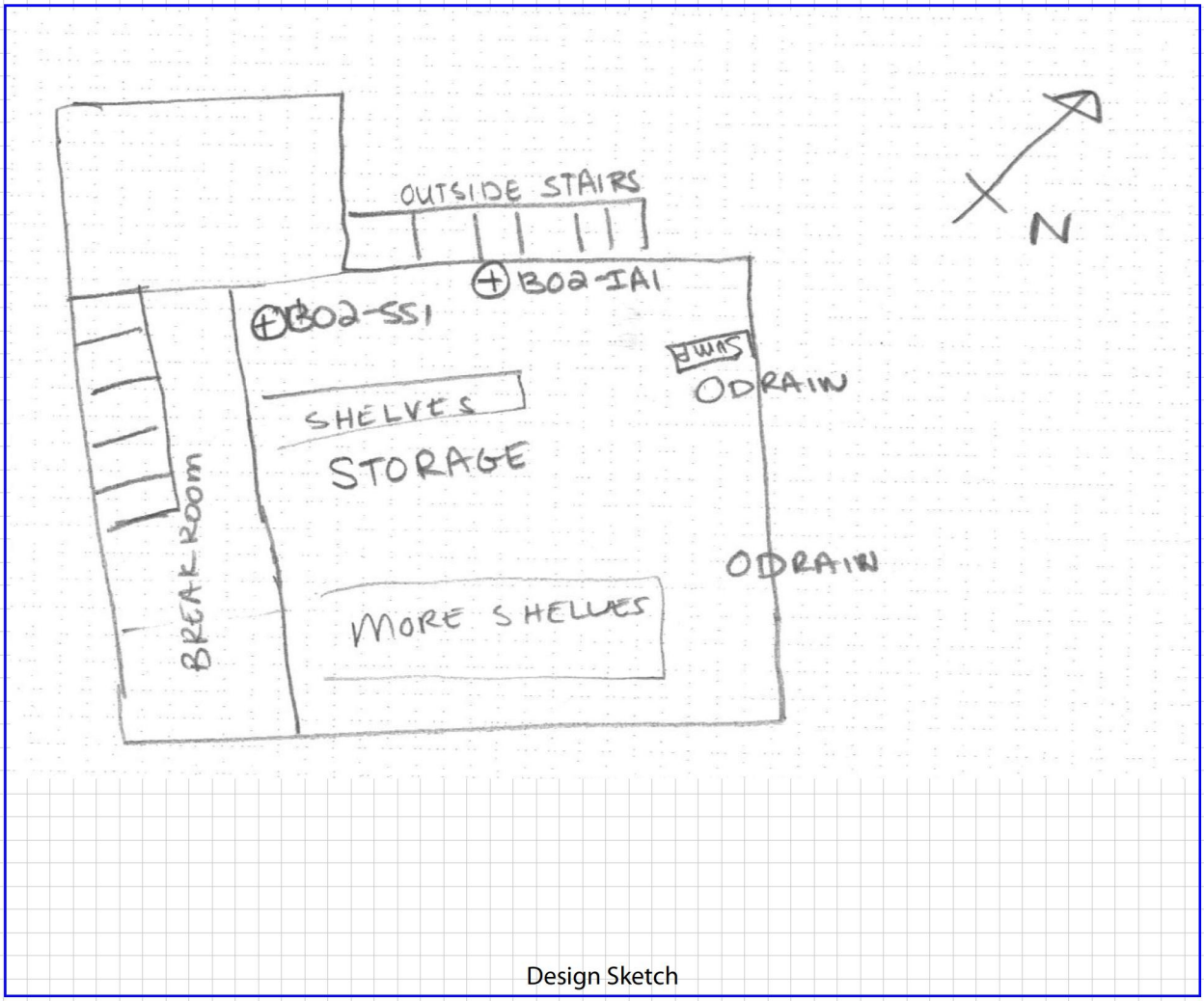
Sample start and end times should be entered using the following format: MM/DD/YYYY HH:MM

Structure Sampling Questionnaire and Building Inventory
New York State Department of Environmental Conservation

LOWEST BUILDING LEVEL LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the lowest building level .
The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sket
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or **F**	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

FIRST FLOOR BUILDING LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the first floor of the building.
The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image

Design Sketch

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
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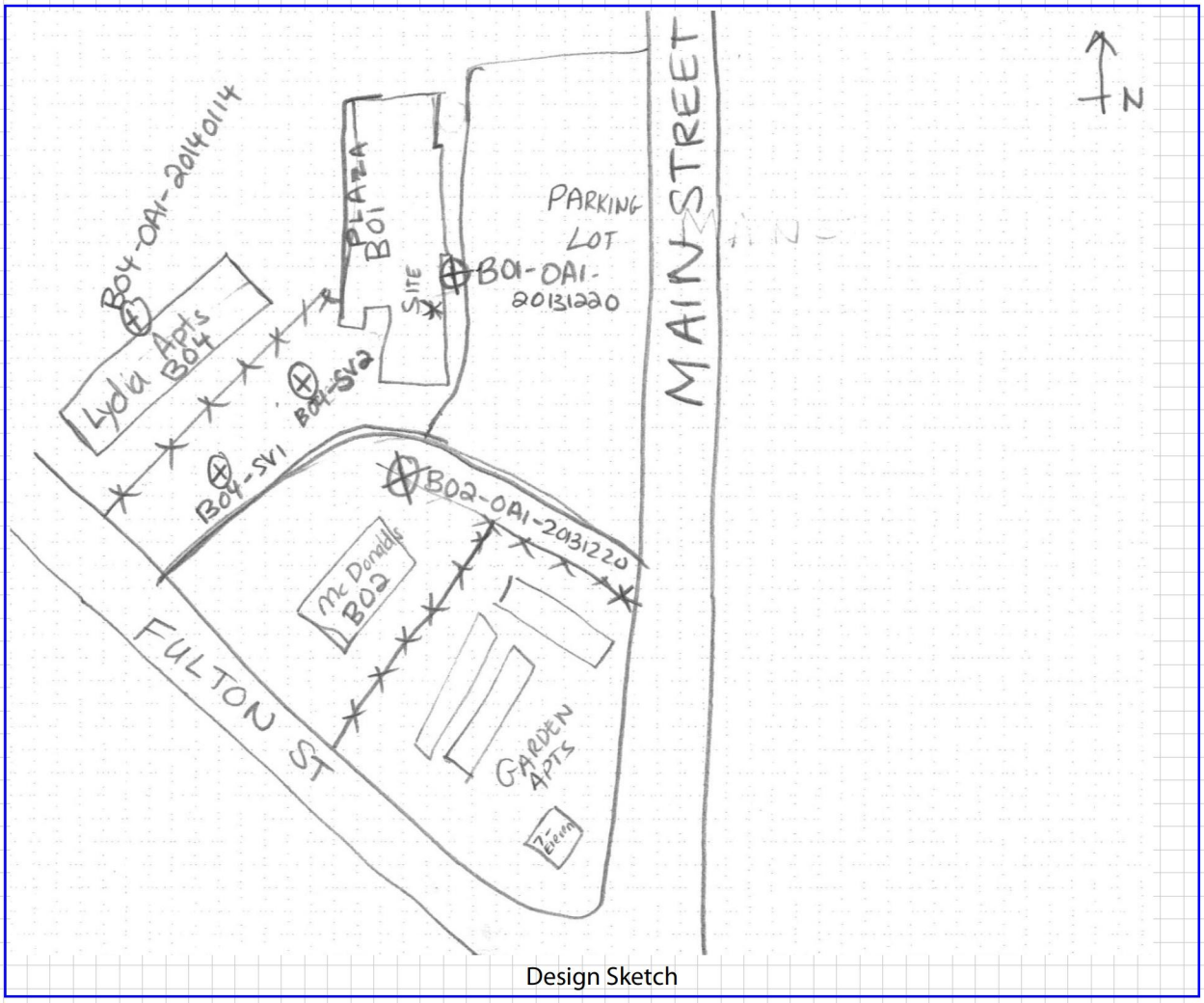
B or **F**	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory
New York State Department of Environmental Conservation

OUTDOOR PLOT LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the outdoor plot of the building as well as the surrounding area. The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

Design Sketch Guidelines and Recommended Symbology

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B or **F**	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Farmingdale | Site Code: 130107 | Operable Unit: 01

Building Code: B04 | Building Name: Lydia apartments

Address: 625 Fulton St | Apt/Suite No: 9

City: Farmingdale | State: NY | Zip: 11735 | County: Nassau

Contact Information

Preparer's Name: Rita papagian | Phone No: (845) 425-4980

Preparer's Affiliation: AECOM | Company Code: AECOMCR

Purpose of Investigation: SVI | Date of Inspection: 01/14/2014

Contact Name: Rose Kennedy | Affiliation: TENANT

Phone No: (516) 752-4064 | Alt. Phone No: | Email:

Number of Occupants (total): 1 | Number of Children: 0

[X] Occupant Interviewed? [ ] Owner Occupied? [ ] Owner Interviewed?

Owner Name (if different): | Owner Phone:

Owner Mailing Address:

Building Details

Bldg Type (Res/Com/Ind/Mixed): RESIDENTIAL | Bldg Size (S/M/L): MEDIUM

If Commercial or Industrial Facility, Select Operations:

If Residential Select Structure Type: TOWNHOUSES-CONDOS

Number of Floors: 2 | Approx. Year Construction: 2001 | [X] Building Insulated? | [ ] Attached Garage?

Describe Overall Building 'Tightness' and Airflows(e.g., results of smoke tests):

Tight

Foundation Description

Foundation Type: NO BASEMENT/SLAB | Foundation Depth (bgs): | Unit: FEET

Foundation Floor Material: POURED CONCRETE

Foundation Wall Material: CONCRETE BLOCK

Foundation Floor Thickness: | Foundation Wall Thickness: | Unit: INCHES

[ ] Floor penetrations? Describe Floor Penetrations:

[ ] Wall penetrations? Describe Wall Penetrations:

Basement is: | Basement is: | [ ] Sumps/Drains? | Water In Sump?:

Describe Foundation Condition (cracks, seepage, etc.) : NO CRACKS, GOOD CONDITION

[ ] Radon Mitigation System Installed? [ ] VOC Mitigation System Installed? [ ] Mitigation System On?

Heating/Cooling/Ventilation Systems

Heating System: HOT WATER BASEBOARD | Heat Fuel Type: GAS | [ ] Central A/C Present?

Vented Appliances

Water Heater Fuel Type: GAS | Clothes Dryer Fuel Type: GAS

Water Htr Vent Location: OUTSIDE | Dryer Vent Location: OUTSIDE

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

PRODUCT INVENTORY

Building Name: Lydia apartments Bldg Code: B04 Date: Jan 14, 2014

Bldg Address: 625 Fulton St Apt/Suite No: 9

Bldg City/State/Zip: Farmingdale NY, 11735

Make and Model of PID: MINI RAE Date of Calibration: Jan 14, 2014

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
Kitchen	Windex Crystal Rain	1QT	U	Not Listed (NL)	0	☐
Kitchen	Clorox Clean-up Cleaner-Bleacl	1 QT	U	Sodium Hypochlorite and other ingredients (NL)	0	☐
Kitchen	Pledge Lemon Clean	9	U	Water, Isoparaffin, Dimethicone, Octylphosphonic Acid, Nitrogen, Polysorbate 80, Sorbitan Oleate, Polydimethylsiloxane, Aminomethyl Propanol	0	☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Product Inventory Complete? Yes Were there any elevated PID readings taken on site? No ☐ Products with COC?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Farmingdale Site Code: 130107 Operable Unit: 01

Building Code: B04 Building Name: Lydia apartments

Address: 625 Fulton St Apt/Suite No: 9

City: Farmingdale State: NY Zip: 11735 County: Nassau

Factors Affecting Indoor Air Quailty

Frequency Basement/Lowest Level is Occupied?: FULL TIME Floor Material: CARPET

☒ Inhabited? ☒ HVAC System On? ☒ Bathroom Exhaust Fan? ☒ Kitchen Exhaust Fan?

Alternate Heat Source: ☐ Is there smoking in the building?

☒ Air Fresheners? Description/Location of Air Freshener: Throughout mostly bathroom, no odor

☒ Cleaning Products Used Recently?: Description of Cleaning Products: Carpets cleaned two weeks ago

☐ Cosmetic Products Used Recently?: Description of Cosmetic Products:

☐ New Carpet or Furniture? Location of New Carpet/Furniture:

☐ Recent Dry Cleaning? Location of Recently Dry Cleaned Fabrics:

☐ Recent Painting/Staining? Location of New Painting:

☐ Solvent or Chemical Odors? Describe Odors (if any):

☐ Do Any Occupants Use Solvents At Work? If So, List Solvents Used:

☐ Recent Pesticide/Rodenticide? Description of Last Use:

Describe Any Household Activities (chemical use,/storage, unvented appliances, hobbies, etc.) That May Affect Indoor Air Quality:

Carpets were cleaned 2 weeks ago

☐ Any Prior Testing For Radon? If So, When?:

☒ Any Prior Testing For VOCs? If So, When?: DOH Badge Sampling Spring

Sampling Conditions

Weather Conditions: PARTLY CLOUDY Outdoor Temperature: 30-40 °F

Current Building Use: TOWNHOUSES-CONDOS Barometric Pressure: 30 in(hg)

Product Inventory Complete? Yes ☒ Building Questionnaire Completed?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Building Code: B04 Address: 625 Fulton St 9 Farmingdale, NY 11735

Sampling Information

Sampler Name(s): Celeste Foster, Rita Papagian

Sampler Company Code: AECOMCR

Sample Collection Date: 01/14/2014

Date Samples Sent To Lab: 1/15/2014

Sample Chain of Custody Number:

Outdoor Air Sample Location ID: B04-OA1

SUMMA Canister Information

Sample ID:	B04-IA1-20140114	B04-OA1-2014			
Location Code:	B04-IA1	B04-OA1-2014			
Location Type:	FIRST FLOOR	OUTDOOR			
Canister ID:	10165	10701			
Regulator ID:	K099	K346			
Matrix:	Indoor Air	Ambient Outd			
Sampling Method:	SUMMA AIR SAMPLI	SUMMA AIR SA			

Sampling Area Info

Slab Thickness (inches):					
Sub-Slab Material:					
Sub-Slab Moisture:					
Seal Type:					
Seal Adequate?:	☐	☐	☐	☐	☐

Sample Times and Vacuum Readings

Sample Start Date/Time:	01/14/2014 12:0	01/14/2014 1			
Vacuum Gauge Start:	-29	-29			
Sample End Date/Time:	01/15/2014 11:0	01/15/2014 1			
Vacuum Gauge End:	-6	-4			
Sample Duration (hrs):	24	24			
Vacuum Gauge Unit:	in(hg)	in(hg)			

Sample QA/QC Readings

Vapor Port Purge:	☐	☐	☐	☐	☐
Purge PID Reading:					
Purge PID Unit:					
Tracer Test Pass:	☐	☐	☐	☐	☐

Sample start and end times should be entered using the following format: MM/DD/YYYY HH:MM

Structure Sampling Questionnaire and Building Inventory
New York State Department of Environmental Conservation

LOWEST BUILDING LEVEL LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the lowest building level .
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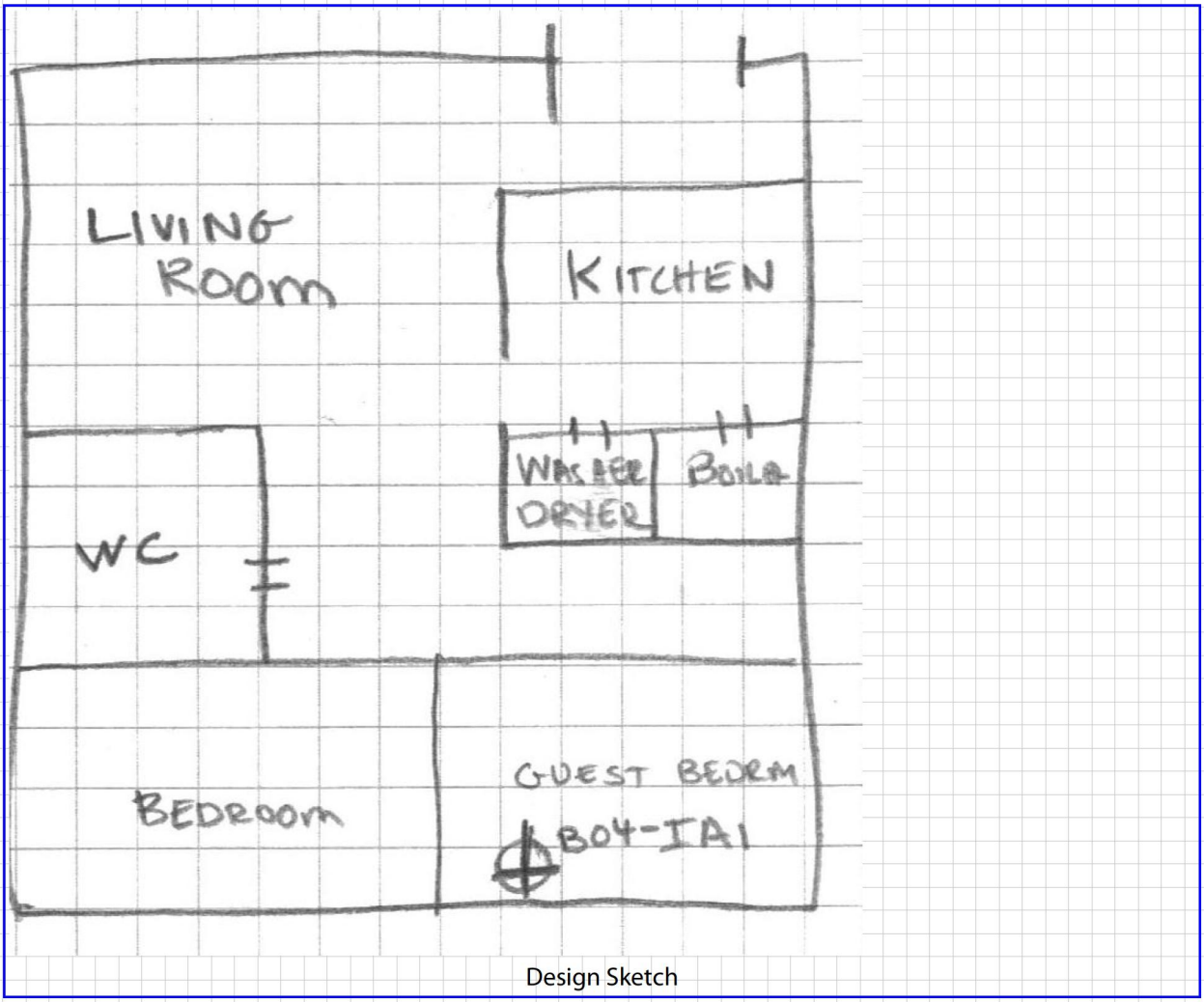

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S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

FIRST FLOOR BUILDING LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the first floor of the building.
The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image

Design Sketch

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Structure Sampling Questionnaire and Building Inventory
New York State Department of Environmental Conservation

OUTDOOR PLOT LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the outdoor plot of the building as well as the surrounding area. The sketch should be in a standard image format (.jpg, .png, .tiff)

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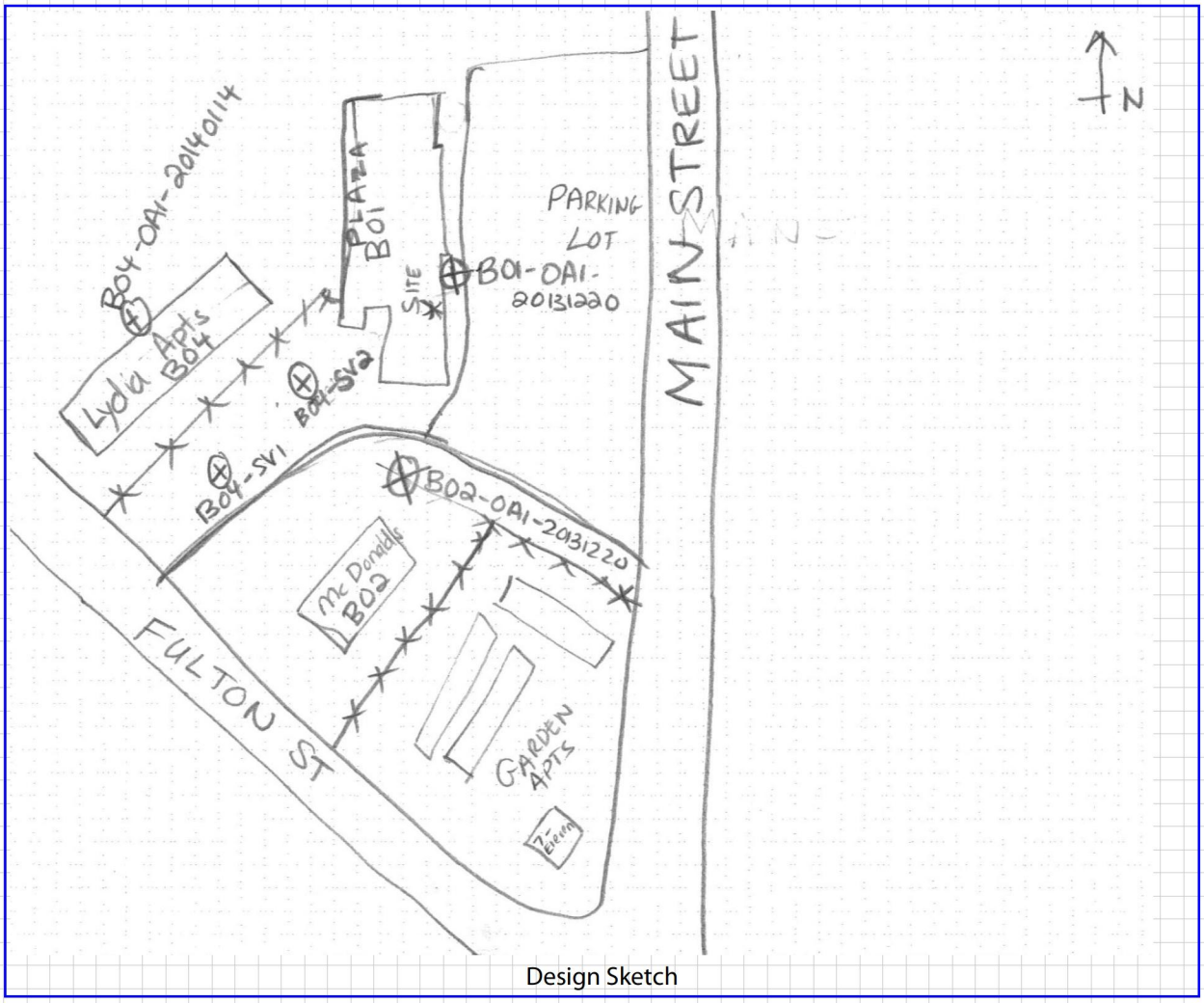

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S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Farmingdale Plaza Cleaners Site Code: 130107 Operable Unit: 01

Building Code: B01 Building Name: Site Building (Plaza)

Address: 450 Main Street Apt/Suite No:

City: Farmingdale State: NY Zip: 11735 County: Nassau

Contact Information

Preparer's Name: Celeste Foster Phone No: (845) 425-4980

Preparer's Affiliation: AECOM Company Code: AECOMCR

Purpose of Investigation: SVI Sampling Date of Inspection: 12/15/2014

Contact Name: Vacant Former Dry Cleaners and Vacant Supermarket Affiliation:

Phone No: Alt. Phone No: Email:

Number of Occupants (total): 0 Number of Children: 0

☐ Occupant Interviewed? ☐ Owner Occupied? ☐ Owner Interviewed?

Owner Name (if different): Owner Phone:

Owner Mailing Address:

Building Details

Bldg Type (Res/Com/Ind/Mixed): COMMERCIAL/MIXED Bldg Size (S/M/L): LARGE

If Commercial or Industrial Facility, Select Operations: MULTI-USE BUILDING

If Residential Select Structure Type:

Number of Floors: 1 Approx. Year Construction: 1983 ☒ Building Insulated? ☐ Attached Garage?

Describe Overall Building 'Tightness' and Airflows(e.g., results of smoke tests):

Not tight, Air flow out window and door

Foundation Description

Foundation Type: NO BASEMENT/SLAB Foundation Depth (bgs): Unit: FEET

Foundation Floor Material: POURED CONCRETE

Foundation Wall Material: CONCRETE BLOCK

Foundation Floor Thickness: Foundation Wall Thickness: Unit: INCHES

☐ Floor penetrations? Describe Floor Penetrations:

☐ Wall penetrations? Describe Wall Penetrations:

Basement is: Basement is: ☐ Sumps/Drains? Water In Sump?:

Describe Foundation Condition (cracks, seepage, etc.) :

☐ Radon Mitigation System Installed? ☒ VOC Mitigation System Installed? ☐ Mitigation System On?

Heating/Cooling/Ventilation Systems

Heating System: FORCED AIR Heat Fuel Type: GAS ☐ Central A/C Present?

Vented Appliances

Water Heater Fuel Type: GAS Clothes Dryer Fuel Type: NO CLOTHES DRYER

Water Htr Vent Location: OUTSIDE Dryer Vent Location: NONE

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

PRODUCT INVENTORY

Building Name: Site Building (Plaza) Bldg Code: B01 Date: 12/16/2014

Bldg Address: 450 Main Street Apt/Suite No:

Bldg City/State/Zip: Farmingdale NY, 11735

Make and Model of PID: Mini Rae Date of Calibration: 12/16/2014

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
	None					☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Product Inventory Complete? Yes Were there any elevated PID readings taken on site? No ☐ Products with COC?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Farmingdale Plaza Cleaners Site Code: 130107 Operable Unit: 01

Building Code: B01 Building Name: Site Building (Plaza)

Address: 450 Main Street Apt/Suite No:

City: Farmingdale State: NY Zip: 11735 County: Nassau

Factors Affecting Indoor Air Quailty

Frequency Basement/Lowest Level is Occupied?: ALMOST NEVER Floor Material: LINOLEUM/VINYL

☐ Inhabited? ☐ HVAC System On? ☐ Bathroom Exhaust Fan? ☐ Kitchen Exhaust Fan?

Alternate Heat Source: NONE ☐ Is there smoking in the building?

☐ Air Fresheners? Description/Location of Air Freshener:

☒ Cleaning Products Used Recently?: Description of Cleaning Products:

☐ Cosmetic Products Used Recently?: Description of Cosmetic Products:

☐ New Carpet or Furniture? Location of New Carpet/Furniture:

☐ Recent Dry Cleaning? Location of Recently Dry Cleaned Fabrics:

☐ Recent Painting/Staining? Location of New Painting:

☐ Solvent or Chemical Odors? Describe Odors (if any):

☐ Do Any Occupants Use Solvents At Work? If So, List Solvents Used:

☐ Recent Pesticide/Rodenticide? Description of Last Use:

Describe Any Household Activities (chemical use,/storage, unvented appliances, hobbies, etc.) That May Affect Indoor Air Quality:

☐ Any Prior Testing For Radon? If So, When?:

☒ Any Prior Testing For VOCs? If So, When?: 2010-2013

Sampling Conditions

Weather Conditions: MOSTLY CLOUDY Outdoor Temperature: 30-40 °F

Current Building Use: MULTI-USE BUILDING Barometric Pressure: 30 in(hg)

Product Inventory Complete? Yes ☒ Building Questionnaire Completed?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Building Code: B01 Address: 450 Main Street A Farmingdale, NY 11735

Sampling Information

Sampler Name(s): Celeste Foster, Rita Papagian

Sampler Company Code: AECOMCR

Sample Collection Date: 12/16/2014

Date Samples Sent To Lab: 12/17/2014

Sample Chain of Custody Number:

Outdoor Air Sample Location ID: B03-OA1

SUMMA Canister Information

Sample ID:	B01-SS2-20141216	B01-IA2-2014	B01-SS1-2014		
Location Code:	B01-SS2	B01-IA2	B01-SS1		
Location Type:	SUBSLAB	FIRST FLOOR	SUBSLAB		
Canister ID:	10126	09734	10491		
Regulator ID:	10789	10049	10666		
Matrix:	Subslab Soil Vap	Indoor Air	Subslab Soil		
Sampling Method:	SUMMA AIR SAMPLI	SUMMA AIR SA	SUMMA AIR SA		

Sampling Area Info

Slab Thickness (inches):					
Sub-Slab Material:					
Sub-Slab Moisture:					
Seal Type:					
Seal Adequate?:	☒	☐	☒	☐	☐

Sample Times and Vacuum Readings

Sample Start Date/Time:	12/16/2014 9:45	12/16/2014 9	12/16/2014 1		
Vacuum Gauge Start:	-30	-30	-30		
Sample End Date/Time:	12/16/2014 17:3	12/16/2014 1	12/16/2014 1		
Vacuum Gauge End:	-11	-5	-6		
Sample Duration (hrs):	8	8	8		
Vacuum Gauge Unit:	in(hg)	in(hg)	in(hg)		

Sample QA/QC Readings

Vapor Port Purge:	☒	☐	☒	☐	☐
Purge PID Reading:	1.2		2.2		
Purge PID Unit:	ppm		ppm		
Tracer Test Pass:	☒	☐	☒	☐	☐

Sample start and end times should be entered using the following format: MM/DD/YYYY HH:MM

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

LOWEST BUILDING LEVEL LAYOUT SKETCH

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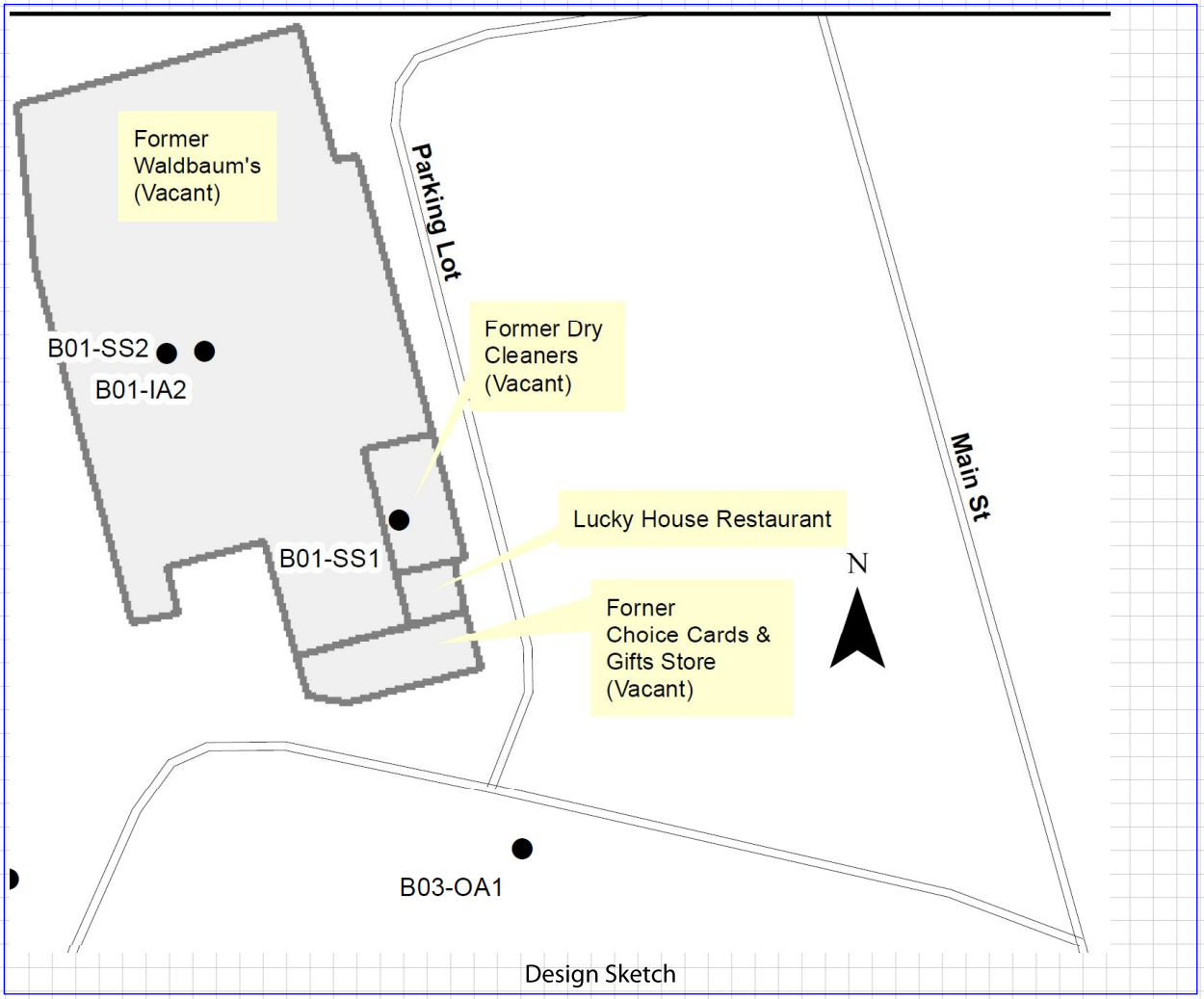

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FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

FIRST FLOOR BUILDING LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the first floor of the building.
The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image

Design Sketch

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Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

OUTDOOR PLOT LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the outdoor plot of the building as well as the surrounding area. The sketch should be in a standard image format (.jpg, .png, .tiff)

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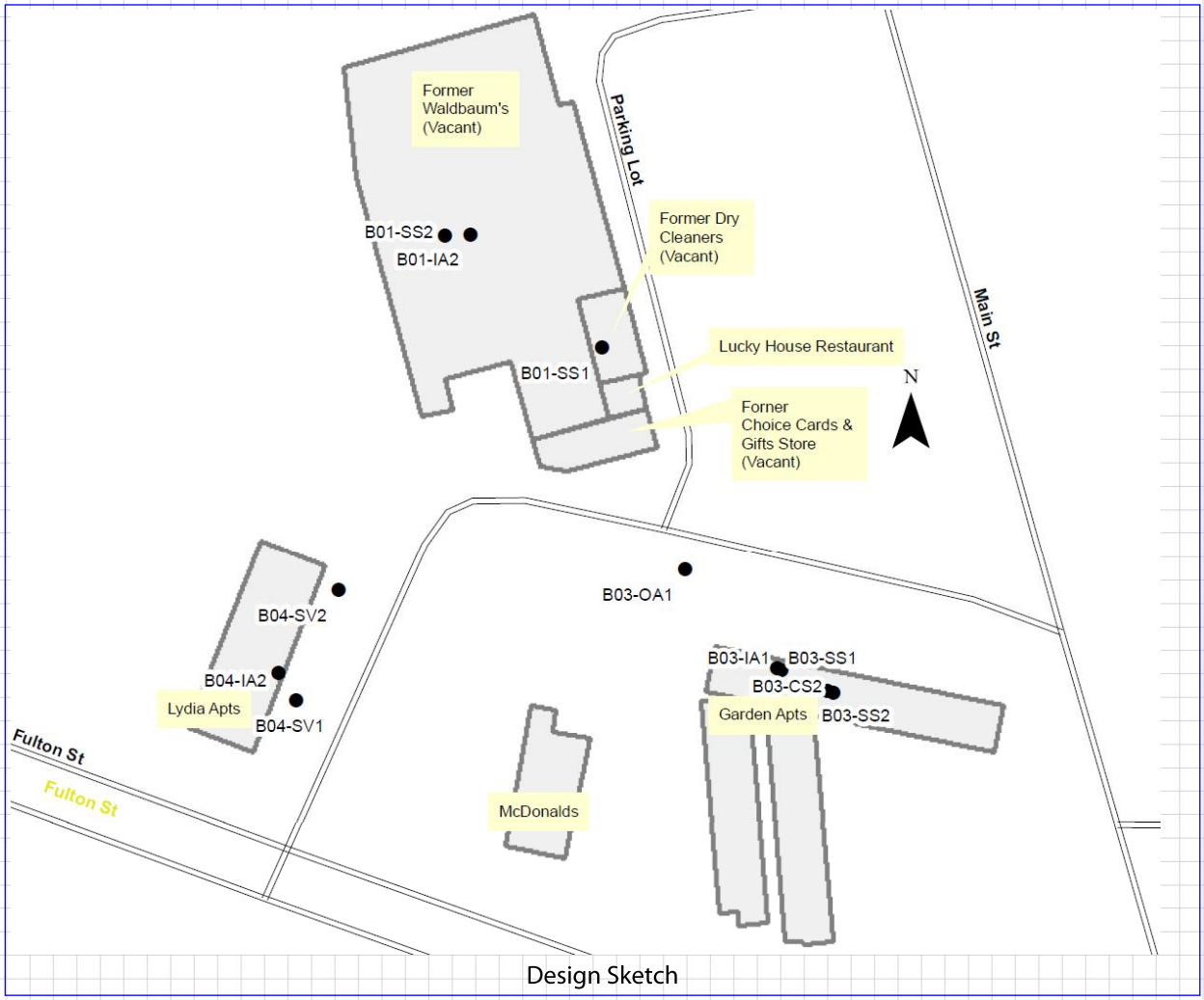

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S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Farmingdale | Site Code: 130107 | Operable Unit: 01

Building Code: B03 | Building Name: Garden Island Apartments

Address: 490 Main Street | Apt/Suite No: Building C

City: Farmingdale | State: NY | Zip: 11735 | County: Nassau

Contact Information

Preparer's Name: Celeste Foster | Phone No: (845) 425-4980

Preparer's Affiliation: AECOM | Company Code: AECOMCR

Purpose of Investigation: SVI | Date of Inspection: 12/15/2014

Contact Name: Jose Barbera | Affiliation: MANAGER

Phone No: (347) 538-3672 | Alt. Phone No: | Email:

Number of Occupants (total): 40 Apts | Number of Children:

☐ Occupant Interviewed? ☐ Owner Occupied? ☐ Owner Interviewed?

Owner Name (if different): | Owner Phone:

Owner Mailing Address:

Building Details

Bldg Type (Res/Com/Ind/Mixed): RESIDENTIAL | Bldg Size (S/M/L): MEDIUM

If Commercial or Industrial Facility, Select Operations:

If Residential Select Structure Type: TOWNHOUSES-CONDOS

Number of Floors: 2 | Approx. Year Construction: 1961 | ☒ Building Insulated? | ☐ Attached Garage?

Describe Overall Building 'Tightness' and Airflows(e.g., results of smoke tests):

Tight

Foundation Description

Foundation Type: BASEMENT | Foundation Depth (bgs): 5 | Unit: FEET

Foundation Floor Material: POURED CONCRETE

Foundation Wall Material: POURED CONCRETE

Foundation Floor Thickness: | Foundation Wall Thickness: | Unit: INCHES

☐ Floor penetrations? Describe Floor Penetrations:

☒ Wall penetrations? Describe Wall Penetrations: Crack near crawl space wall

Basement is: PARTIALLY FINISHED | Basement is: DRY | ☒ Sumps/Drains? | Water In Sump?: NO

Describe Foundation Condition (cracks, seepage, etc.) : Crawl Space only has a thin concrete layer with

☐ Radon Mitigation System Installed? ☐ VOC Mitigation System Installed? ☐ Mitigation System On?

Heating/Cooling/Ventilation Systems

Heating System: HOT WATER BASEBOARD | Heat Fuel Type: OIL | ☐ Central A/C Present?

Vented Appliances

Water Heater Fuel Type: OIL | Clothes Dryer Fuel Type: GAS

Water Htr Vent Location: OUTSIDE | Dryer Vent Location: OUTSIDE

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

PRODUCT INVENTORY

Building Name: Garden Island Apartments Bldg Code: B03 Date: 12/15/2014

Bldg Address: 490 Main Street Apt/Suite No: Building C

Bldg City/State/Zip: Farmingdale NY, 11735

Make and Model of PID: MINI RAE Date of Calibration: 12/15/2014

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
Storage	Dry Lock Fast Plug	1Gal	U	Portland Cement and Lime	0	☐
Storage	Ceramic Tile Premixed Thin-Set	1 Gal	U	Water, Acrylic Co-polymer, Limestone, Mineral Spirits, Silica	0	☐
Storage	Lawn-Boy Genuine Parts 2-Cycl	8	U	Petroleum distallate	0	☐
Storage	Tanglefoot Bird Repellent (x3)	10	U	Polybutene and other ingredients	0	☐
Storage	Instant Wax Stripper (x2)	32	U	Sodium Silicates, 2-Butoxyethanol, ethanolamine	0	☐
Storage	STA-BIL Fuel Stabilizer	10	U	Petroleum distallate	0	☐
Storage	Pre-mixed Tile Grout	1QT	U	Calcium Carbonate, Acrylic polymer, titanium dioxide, Ethylene glycol, soda lime borosilicate glass	0	☐
Storage	Professional Construction Adhe	10.5	U	VOCs (10.3 g/l)	**0**	☐
Storage	Valvoline ATF	1QT	U	Transmission Fluid	0	☐
Storage	XCEL multipurpose gear oil	1QT	U	Not llsted	0	☐
Storage	Worthington Pro Grade Petrole	14.1	U	Propene	0	☐
Storage	PVC Cement	4	U	Tetrahydrofuran, methyl ethyl ketone, cyclohexanone, and PVC	0	☐
Storage	Weldwood multipurpose Spray	16	U	Hexane, Acetone, cyclo-hexace, propane, isobutane	0	☐
Storage	Mobile Motorcycle Oil 10W-40	1 QT	U	Not Listed	0	☐
Storage	Prestone Antifreeze	1 Gal	U	Not Listed	0	☐
Storage	Peak Antifreeze and Coolane	1 Gal	U	Not Listed	0	☐

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Product Inventory Complete? Yes Were there any elevated PID readings taken on site? No ☐ Products with COC?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Farmingdale Site Code: 130107 Operable Unit: 01

Building Code: B03 Building Name: Garden Island Apartments

Address: 490 Main Street Apt/Suite No: Building C

City: Farmingdale State: NY Zip: 11735 County: Nassau

Factors Affecting Indoor Air Quailty

Frequency Basement/Lowest Level is Occupied?: OCCASIONALLY Floor Material: TILE

☒ Inhabited? ☒ HVAC System On? ☐ Bathroom Exhaust Fan? ☐ Kitchen Exhaust Fan?

Alternate Heat Source: ☐ Is there smoking in the building?

☐ Air Fresheners? Description/Location of Air Freshener:

☐ Cleaning Products Used Recently?: Description of Cleaning Products:

☐ Cosmetic Products Used Recently?: Description of Cosmetic Products:

☐ New Carpet or Furniture? Location of New Carpet/Furniture:

☐ Recent Dry Cleaning? Location of Recently Dry Cleaned Fabrics:

☐ Recent Painting/Staining? Location of New Painting:

☐ Solvent or Chemical Odors? Describe Odors (if any):

☐ Do Any Occupants Use Solvents At Work? If So, List Solvents Used:

☐ Recent Pesticide/Rodenticide? Description of Last Use:

Describe Any Household Activities (chemical use,/storage, unvented appliances, hobbies, etc.) That May Affect Indoor Air Quality:

☐ Any Prior Testing For Radon? If So, When?:

☒ Any Prior Testing For VOCs? If So, When?: 2010-2012

Sampling Conditions

Weather Conditions: PARTLY CLOUDY Outdoor Temperature: 30-40 °F

Current Building Use: TOWNHOUSES-CONDOS Barometric Pressure: 30 in(hg)

Product Inventory Complete? Yes ☒ Building Questionnaire Completed?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Building Code: B03 Address: 490 Main Street 4 Farmingdale, NY 11735

Sampling Information

Sampler Name(s): Celeste Foster, Rita Papagian

Sampler Company Code: AECOMCR

Sample Collection Date: 12/15/2014

Date Samples Sent To Lab: 12/17/2014

Sample Chain of Custody Number:

Outdoor Air Sample Location ID: B03-OA1

SUMMA Canister Information

Sample ID:	B03-SS1-20141215	B03-IA1-2014	B03-IA51-201	B03-SS2-2014	B03-CS2-2014
Location Code:	B03-SS1	B03-IA1	B03-IA1	B03-SS2	B03-CS2
Location Type:	SUBSLAB	BASEMENT	BASEMENT	SUBSLAB	CRAWLSPACE
Canister ID:	10534	10210	10207	11145	09636
Regulator ID:	10352	11048	10878	10625	10867
Matrix:	Subslab Soil Vap	Indoor Air	Indoor Air	Subslab Soil	Indoor Air
Sampling Method:	SUMMA AIR SAMPLI	SUMMA AIR SA	SUMMA AIR SA	SUMMA AIR SA	SUMMA AIR SA

Sampling Area Info

Slab Thickness (inches):					
Sub-Slab Material:					
Sub-Slab Moisture:					
Seal Type:					
Seal Adequate?:	☒	☐	☐	☒	☐

Sample Times and Vacuum Readings

Sample Start Date/Time:	12/15/2014 11:1	12/15/2014 1	12/15/2014 1	12/15/2014 1	12/15/2014 1
Vacuum Gauge Start:	-30	-30	-30	-30	-30
Sample End Date/Time:	12/16/2014 10:4	12/16/2014 1	12/16/2014 1	12/16/2014 1	12/16/2014 1
Vacuum Gauge End:	-3	-3	-4	-1	-4
Sample Duration (hrs):	24	24	24	24	24
Vacuum Gauge Unit:	in(hg)	in(hg)	in(hg)	in(hg)	in(hg)

Sample QA/QC Readings

Vapor Port Purge:	☒	☐	☐	☒	☐
Purge PID Reading:	0.3			0.2	
Purge PID Unit:	ppm			ppm	
Tracer Test Pass:	☒	☐	☐	☒	☐

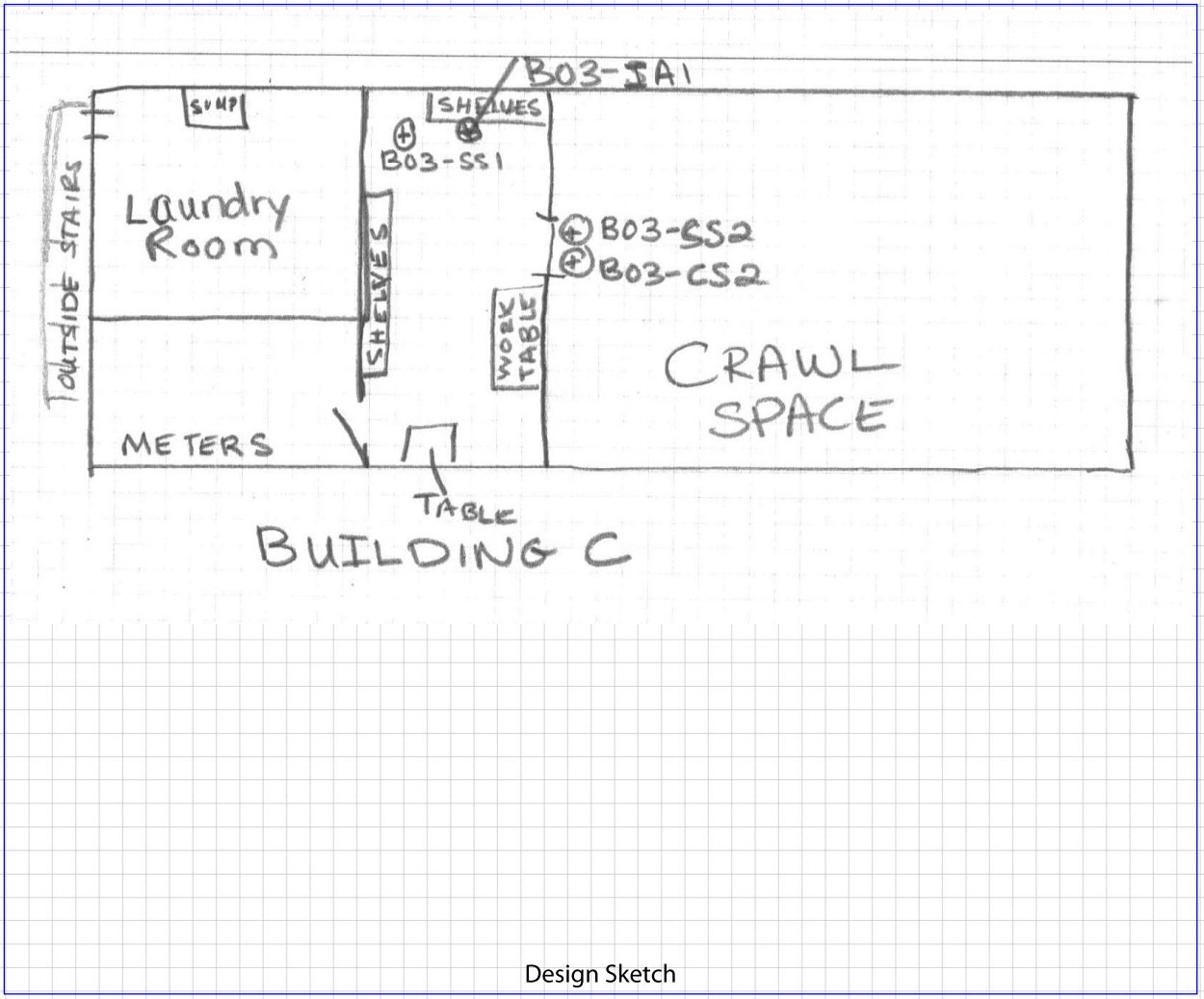
Sample start and end times should be entered using the following format: MM/DD/YYYY HH:MM

Structure Sampling Questionnaire and Building Inventory
New York State Department of Environmental Conservation

LOWEST BUILDING LEVEL LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the lowest building level . The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sket
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

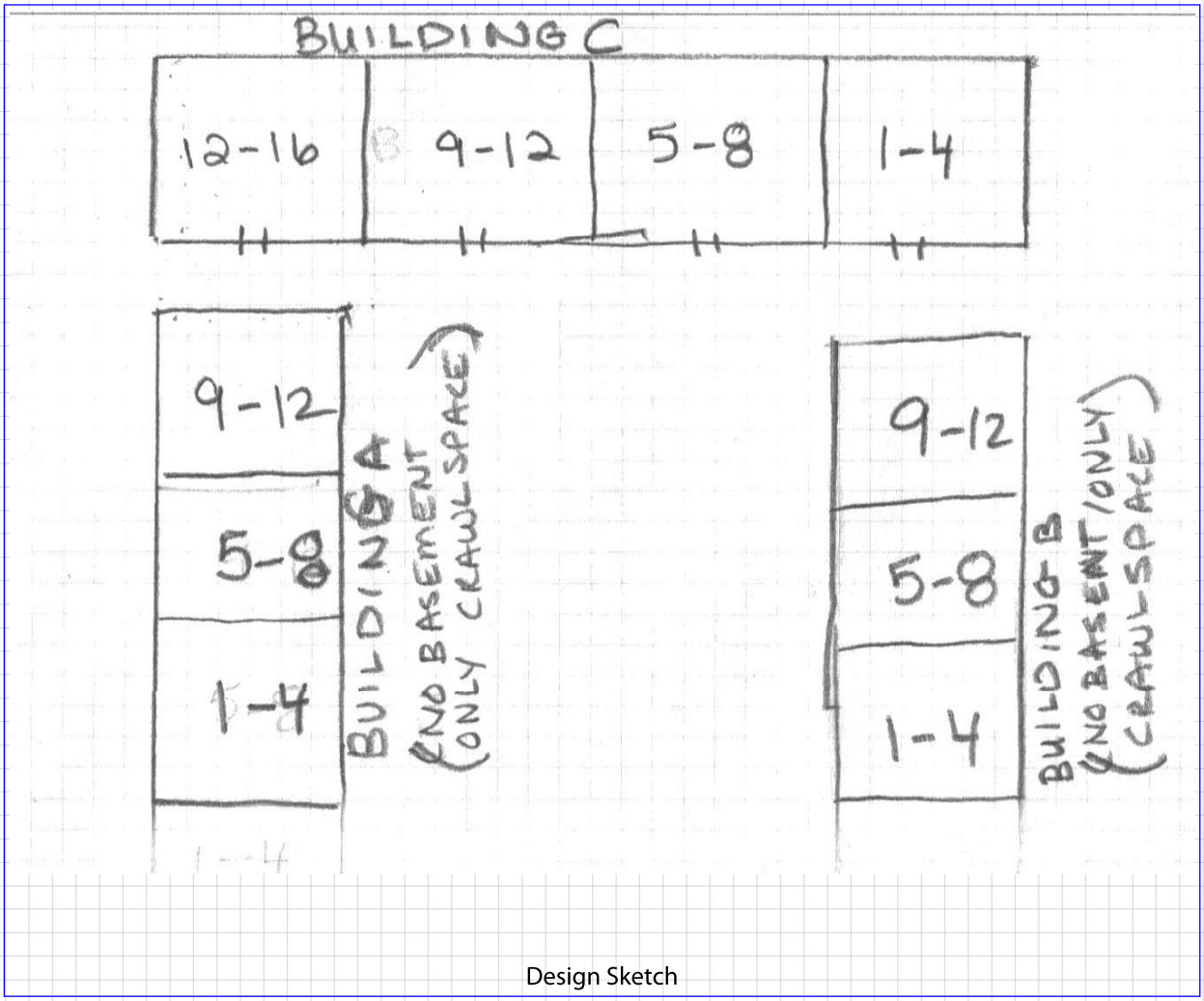
B or **F**	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory
New York State Department of Environmental Conservation

FIRST FLOOR BUILDING LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the first floor of the building.
The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
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FP	Fireplaces	**######**	Areas of broken-up concrete
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W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

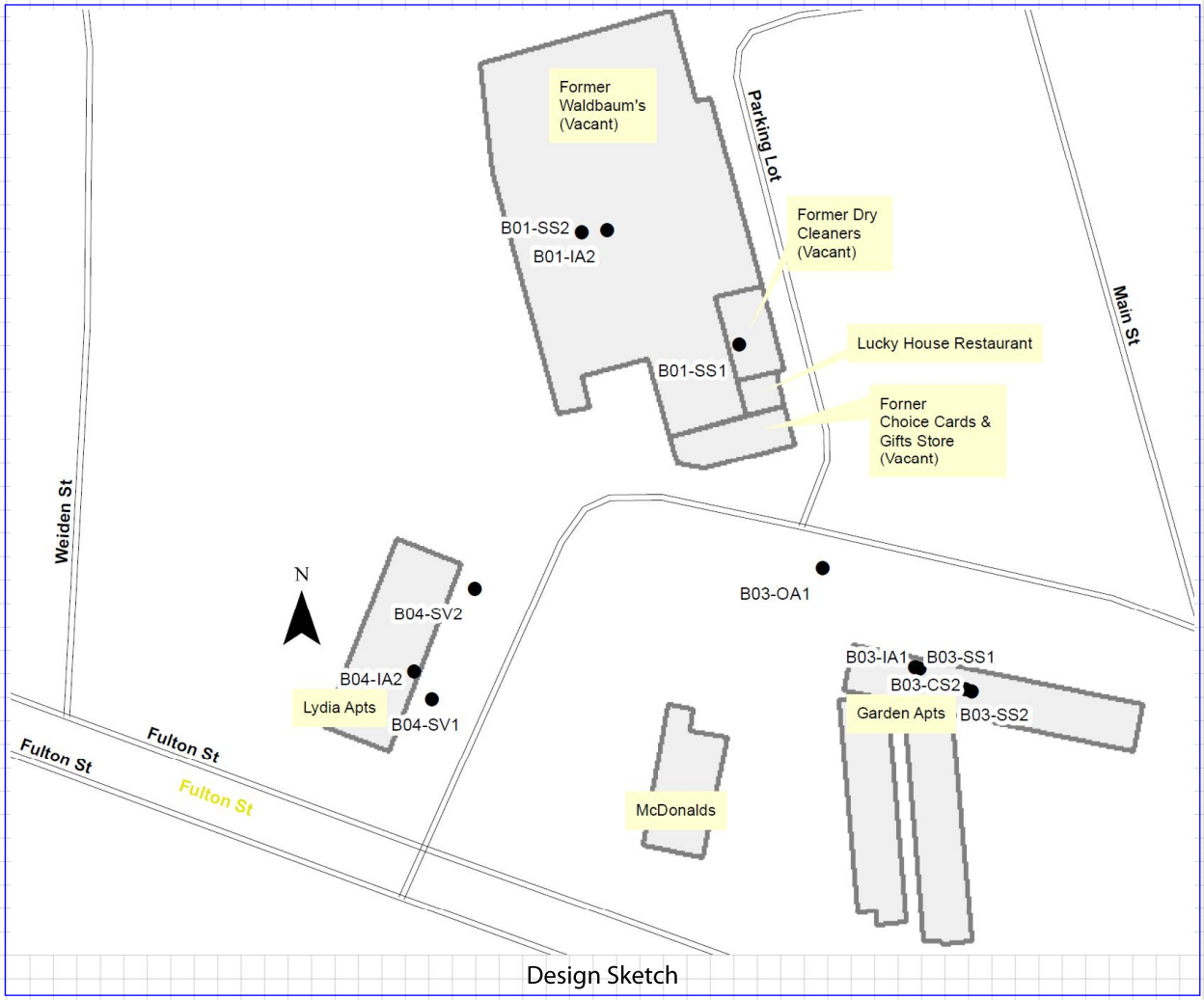
Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

OUTDOOR PLOT LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the outdoor plot of the building as well as the surrounding area. The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
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HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: _____ Site Code: 130107 Operable Unit: 01

Building Code: B03 Building Name: Garden Island Apartments

Address: 490 Main Street Apt/Suite No: Building C

City: Farmingdale State: NY Zip: 11735 County: Suffolk

Contact Information

Preparer's Name: _____ Phone No: _____

Preparer's Affiliation: _____ Company Code: AECOMCR

Purpose of Investigation: _____ Date of Inspection: _____

Contact Name: _____ Affiliation: _____

Phone No: _____ Alt. Phone No: _____ Email: _____

Number of Occupants (total): _____ Number of Children: _____

☐ Occupant Interviewed? ☐ Owner Occupied? ☐ Owner Interviewed?

Owner Name (if different): _____ Owner Phone: _____

Owner Mailing Address: _____

Building Details

Bldg Type (Res/Com/Ind/Mixed): _____ Bldg Size (S/M/L): _____

If Commercial or Industrial Facility, Select Operations:

If Residential Select Structure Type:

Number of Floors: _____ Approx. Year Construction: _____ ☐ Building Insulated? ☐ Attached Garage?

Describe Overall Building 'Tightness' and Airflows(e.g., results of smoke tests):

Foundation Description

Foundation Type: _____ Foundation Depth (bgs): _____ Unit: FEET

Foundation Floor Material: _____

Foundation Wall Material: _____

Foundation Floor Thickness: _____

Foundation Wall Thickness: _____ Unit: INCHES

☐ Floor penetrations? Describe Floor Penetrations: _____

☐ Wall penetrations? Describe Wall Penetrations: _____

Basement is: _____ Basement is: _____ ☐ Sumps/Drains? Water In Sump?: _____

Describe Foundation Condition (cracks, seepage, etc.) : _____

☐ Radon Mitigation System Installed? ☐ VOC Mitigation System Installed? ☐ Mitigation System On?

Heating/Cooling/Ventilation Systems

Heating System: _____ Heat Fuel Type: _____ ☐ Central A/C Present?

Vented Appliances

Water Heater Fuel Type: _____ Clothes Dryer Fuel Type: _____

Water Htr Vent Location: _____ Dryer Vent Location: _____

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

PRODUCT INVENTORY

Building Name: Garden Island Apartments Bldg Code: B03 Date: 12/15/2014

Bldg Address: 490 Main Street Apt/Suite No: Building C

Bldg City/State/Zip: Farmingdale NY, 11735

Make and Model of PID: MINI RAE Date of Calibration: 12/15/2014

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
Storage	Rover Rust Remover	16	U	sodium bisulfite, sodium hydrosulfite	0	☐
Storage	Gunk Electric Motor Contact Cl	20	U	Perchloroethylene, carbon dioxide (removed from sampling area)	0	☒
Storage	LPS CFC Free Electric Contact C	11	U	Petroluem Distallates, isohexane, isopropanal, carbon dioxide propellant, n-hexane	0	☐
Storage	WD-40	8	U	Not Listed	0	☐
Storage	Gunk Silicone Spray Lubricant	11	U	Petroleum Distallates, Mineral Oil, Silicon, 2 Butoxy Ethanol, Carbon Dioxide	0	☐
Storage	Megaloc Multi-purpose Thread	8	U	NJ-TSR #31348300 5005P, 5009P, 5010P, 5012P, 5015P	0	☐
Storage	Sid Harvey's All Purpose Lubric	12	U	Not Listed	0	☐
Storage	440 Henry Cove Base Adhesive	1 gal	U	VOC content: 100 g/L	**0**	☐
Storage	Maintenance One Non-Buff Flo	1 gal	U	Not Listed	0	☐
Storage	Peak Deicer with Rain-Off	1 gal	U	Water, Methyl Alcohol, Dye	0	☐
Storage	Windex	1 gal	U	Isopropanol, Ethylene glycol n-hexyl ether, water, ammonium hydroxide	0	☐
Storage	Selig Commercial driveway and	1 gal	U	sodium hydroxide, butyl cellosolve	0	☐
Storage	Clorox Pro Results Outdoor	1 gal	U	Not Listed	0	☐
Storage	Paint Cans		U	Not Listed	0	☐
Storage	Plaster Buckets		U	Not Listed	0	☐
						☐

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Product Inventory Complete? Yes Were there any elevated PID readings taken on site? No ☒ Products with COC?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: _____ Site Code: 130107 Operable Unit: 01

Building Code: B03 Building Name: Garden Island Apartments

Address: 490 Main Street Apt/Suite No: Building C

City: Farmingdale State: NY Zip: 11735 County: Suffolk

Factors Affecting Indoor Air Quailty

Frequency Basement/Lowest Level is Occupied?: _____ Floor Material: _____

☐ Inhabited? ☐ HVAC System On? ☐ Bathroom Exhaust Fan? ☐ Kitchen Exhaust Fan?

Alternate Heat Source: _____ ☐ Is there smoking in the building?

☐ Air Fresheners? Description/Location of Air Freshener: _____

☐ Cleaning Products Used Recently?: Description of Cleaning Products: _____

☐ Cosmetic Products Used Recently?: Description of Cosmetic Products: _____

☐ New Carpet or Furniture? Location of New Carpet/Furniture: _____

☐ Recent Dry Cleaning? Location of Recently Dry Cleaned Fabrics: _____

☐ Recent Painting/Staining? Location of New Painting: _____

☐ Solvent or Chemical Odors? Describe Odors (if any): _____

☐ Do Any Occupants Use Solvents At Work? If So, List Solvents Used: _____

☐ Recent Pesticide/Rodenticide? Description of Last Use: _____

Describe Any Household Activities (chemical use,/storage, unvented appliances, hobbies, etc.) That May Affect Indoor Air Quality:

☐ Any Prior Testing For Radon? If So, When?: _____

☐ Any Prior Testing For VOCs? If So, When?: _____

Sampling Conditions

Weather Conditions: _____ Outdoor Temperature: _____ °F

Current Building Use: _____ Barometric Pressure: _____ in(hg)

Product Inventory Complete? Yes ☐ Building Questionnaire Completed?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Building Code: B03 Address: 490 Main Street Farmingdale, NY 11735

Sampling Information

Sampler Name(s): Celeste Foster, Rita Papagian

Sampler Company Code: AECOMCR

Sample Collection Date: 12/15/2014

Date Samples Sent To Lab: 12/17/2014

Sample Chain of Custody Number:

Outdoor Air Sample Location ID: B03-OA1

SUMMA Canister Information

Sample ID:	B03-OA1-20141215				
Location Code:	B03-OA1				
Location Type:	OUTDOOR				
Canister ID:	09966				
Regulator ID:	10154				
Matrix:	Ambient Outdoor				
Sampling Method:	SUMMA AIR SAMPLI				

Sampling Area Info

Slab Thickness (inches):					
Sub-Slab Material:					
Sub-Slab Moisture:					
Seal Type:					
Seal Adequate?:	☐	☐	☐	☐	☐

Sample Times and Vacuum Readings

Sample Start Date/Time:	12/15/2014 12:2				
Vacuum Gauge Start:	-30				
Sample End Date/Time:	12/16/2014 11:0				
Vacuum Gauge End:	-2				
Sample Duration (hrs):	24				
Vacuum Gauge Unit:	in(hg)				

Sample QA/QC Readings

Vapor Port Purge:	☐	☐	☐	☐	☐
Purge PID Reading:					
Purge PID Unit:					
Tracer Test Pass:	☐	☐	☐	☐	☐

Sample start and end times should be entered using the following format: MM/DD/YYYY HH:MM

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

LOWEST BUILDING LEVEL LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the lowest building level .
The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image

Design Sketch

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sket
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or **F**	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

FIRST FLOOR BUILDING LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the first floor of the building.
The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image

Design Sketch

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sket
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HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

OUTDOOR PLOT LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the outdoor plot of the building as well as the surrounding area. The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image

Design Sketch

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
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- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sket
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B or **F**	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Farmingdale Site Code: 130107 Operable Unit: 01

Building Code: B04 Building Name: Lydia apartments

Address: 625 Fulton St Apt/Suite No: 4

City: Farmingdale State: NY Zip: 11735 County: Nassau

Contact Information

Preparer's Name: Rita papagian Phone No: (845) 425-4980

Preparer's Affiliation: AECOM Company Code: AECOMCR

Purpose of Investigation: SVI Date of Inspection: 12/15/2014

Contact Name: Charles Tarascio Affiliation: TENANT

Phone No: (321) 446-0078 Alt. Phone No: Email:

Number of Occupants (total): 1 Number of Children: 0

☒ Occupant Interviewed? ☐ Owner Occupied? ☐ Owner Interviewed?

Owner Name (if different): Owner Phone:

Owner Mailing Address:

Building Details

Bldg Type (Res/Com/Ind/Mixed): RESIDENTIAL Bldg Size (S/M/L): MEDIUM

If Commercial or Industrial Facility, Select Operations:

If Residential Select Structure Type: TOWNHOUSES-CONDOS

Number of Floors: 2 Approx. Year Construction: 2001 ☒ Building Insulated? ☐ Attached Garage?

Describe Overall Building 'Tightness' and Airflows(e.g., results of smoke tests):

Tight

Foundation Description

Foundation Type: NO BASEMENT/SLAB Foundation Depth (bgs): Unit: FEET

Foundation Floor Material: POURED CONCRETE

Foundation Wall Material: CONCRETE BLOCK

Foundation Floor Thickness: Foundation Wall Thickness: Unit: INCHES

☐ Floor penetrations? Describe Floor Penetrations:

☐ Wall penetrations? Describe Wall Penetrations:

Basement is: Basement is: ☐ Sumps/Drains? Water In Sump?:

Describe Foundation Condition (cracks, seepage, etc.) : NO CRACKS, GOOD CONDITION

☐ Radon Mitigation System Installed? ☐ VOC Mitigation System Installed? ☐ Mitigation System On?

Heating/Cooling/Ventilation Systems

Heating System: HOT WATER BASEBOARD Heat Fuel Type: GAS ☐ Central A/C Present?

Vented Appliances

Water Heater Fuel Type: GAS Clothes Dryer Fuel Type: GAS

Water Htr Vent Location: OUTSIDE Dryer Vent Location: OUTSIDE

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

PRODUCT INVENTORY

Building Name: Lydia apartments Bldg Code: B04 Date: 12/15/2014

Bldg Address: 625 Fulton St Apt/Suite No: 4

Bldg City/State/Zip: Farmingdale NY, 11735

Make and Model of PID: MINI RAE Date of Calibration: 12/15/2014

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
Laundry	Clorox Clean-up Cleaner-Bleacl	1QT	U	Sodium Hypochlorite and other ingredients (NL)	0	☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Product Inventory Complete? Yes Were there any elevated PID readings taken on site? No ☐ Products with COC?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Farmingdale Site Code: 130107 Operable Unit: 01

Building Code: B04 Building Name: Lydia apartments

Address: 625 Fulton St Apt/Suite No: 4

City: Farmingdale State: NY Zip: 11735 County: Nassau

Factors Affecting Indoor Air Quailty

Frequency Basement/Lowest Level is Occupied?: FULL TIME Floor Material: CARPET

☒ Inhabited? ☒ HVAC System On? ☒ Bathroom Exhaust Fan? ☒ Kitchen Exhaust Fan?

Alternate Heat Source: ☐ Is there smoking in the building?

☐ Air Fresheners? Description/Location of Air Freshener:

☐ Cleaning Products Used Recently?: Description of Cleaning Products:

☐ Cosmetic Products Used Recently?: Description of Cosmetic Products:

☐ New Carpet or Furniture? Location of New Carpet/Furniture:

☐ Recent Dry Cleaning? Location of Recently Dry Cleaned Fabrics:

☐ Recent Painting/Staining? Location of New Painting:

☐ Solvent or Chemical Odors? Describe Odors (if any):

☐ Do Any Occupants Use Solvents At Work? If So, List Solvents Used:

☐ Recent Pesticide/Rodenticide? Description of Last Use:

Describe Any Household Activities (chemical use,/storage, unvented appliances, hobbies, etc.) That May Affect Indoor Air Quality:

☐ Any Prior Testing For Radon? If So, When?:

☒ Any Prior Testing For VOCs? If So, When?: DOH Badge Sampling Spring

Sampling Conditions

Weather Conditions: PARTLY CLOUDY Outdoor Temperature: 30-40 °F

Current Building Use: TOWNHOUSES-CONDOS Barometric Pressure: 30 in(hg)

Product Inventory Complete? Yes ☒ Building Questionnaire Completed?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Building Code: B04 Address: 625 Fulton St 9 Farmingdale, NY 11735

Sampling Information

Sampler Name(s): Celeste Foster, Rita Papagian

Sampler Company Code: AECOMCR

Sample Collection Date: 12/15/2014

Date Samples Sent To Lab: 12/17/2014

Sample Chain of Custody Number:

Outdoor Air Sample Location ID: B03-OA1

SUMMA Canister Information

Sample ID:	B04-IA2-20141215	B04-SV1-2014	B04-SV2-2014		
Location Code:	B04-IA2	B04-SV1	B04-SV2		
Location Type:	FIRST FLOOR				
Canister ID:	10821	09998	10123		
Regulator ID:	K222/09901	K324/10619	K212/10590		
Matrix:	Indoor Air	Subslab Soil	Subslab Soil		
Sampling Method:	SUMMA AIR SAMPLI	SUMMA AIR SA	SUMMA AIR SA		

Sampling Area Info

Slab Thickness (inches):					
Sub-Slab Material:					
Sub-Slab Moisture:					
Seal Type:					
Seal Adequate?:	☐	☒	☒	☐	☐

Sample Times and Vacuum Readings

Sample Start Date/Time:	12/15/2014 10:2	12/16/2014 9	12/16/2014 8		
Vacuum Gauge Start:	-29	-30	-30		
Sample End Date/Time:	12/16/2014 10:1	12/16/2014 1	12/16/2014 1		
Vacuum Gauge End:	-4	-7	-6		
Sample Duration (hrs):	24	8	8		
Vacuum Gauge Unit:	in(hg)	in(hg)	in(hg)		

Sample QA/QC Readings

Vapor Port Purge:	☐	☒	☒	☐	☐
Purge PID Reading:		4.3	1.8		
Purge PID Unit:		ppm	ppm		
Tracer Test Pass:	☐	☒	☒	☐	☐

Sample start and end times should be entered using the following format: MM/DD/YYYY HH:MM

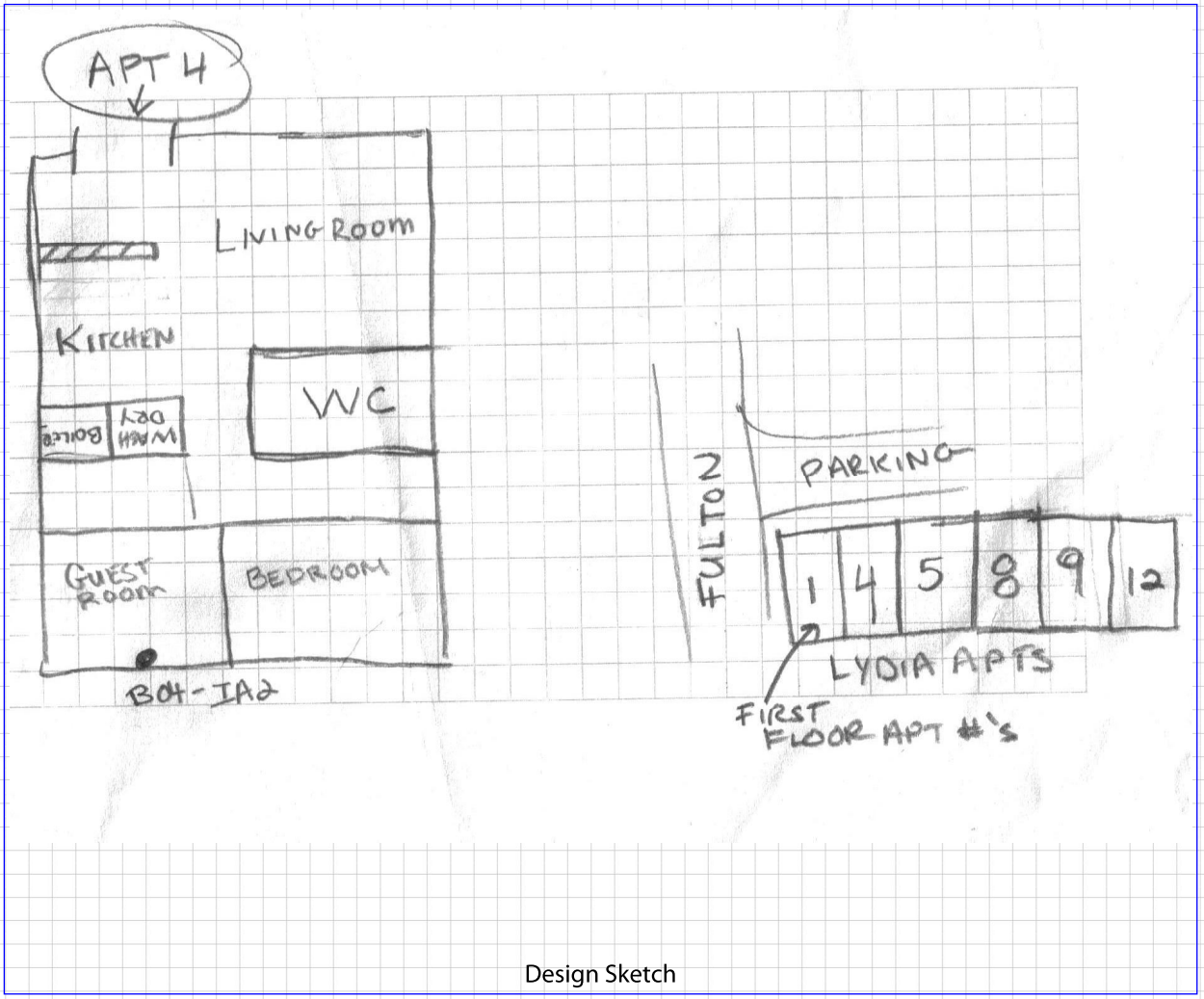
Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

LOWEST BUILDING LEVEL LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the lowest building level . The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sket
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

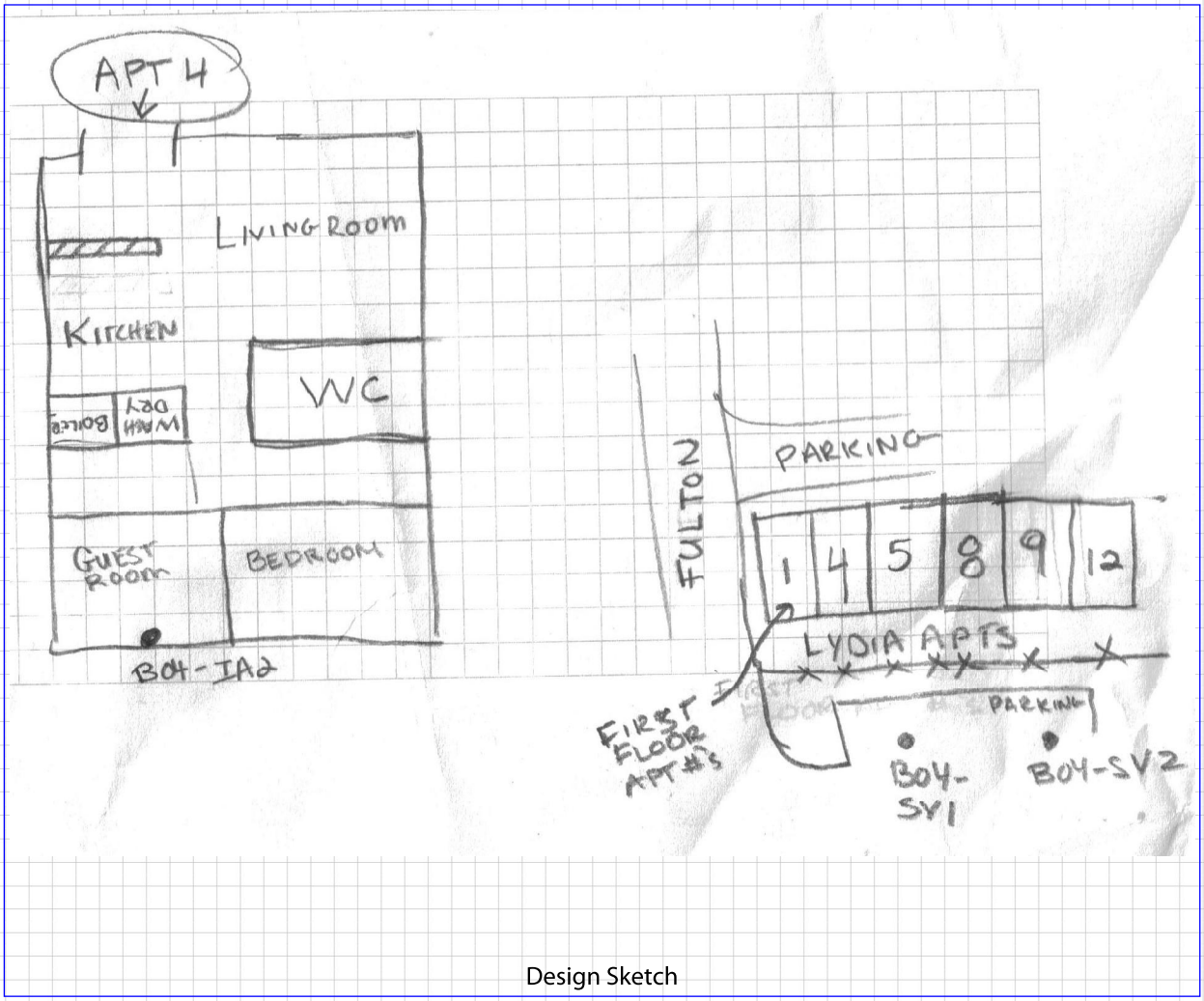
B or **F**	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory
New York State Department of Environmental Conservation

FIRST FLOOR BUILDING LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the first floor of the building.
The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sket
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or **F**	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

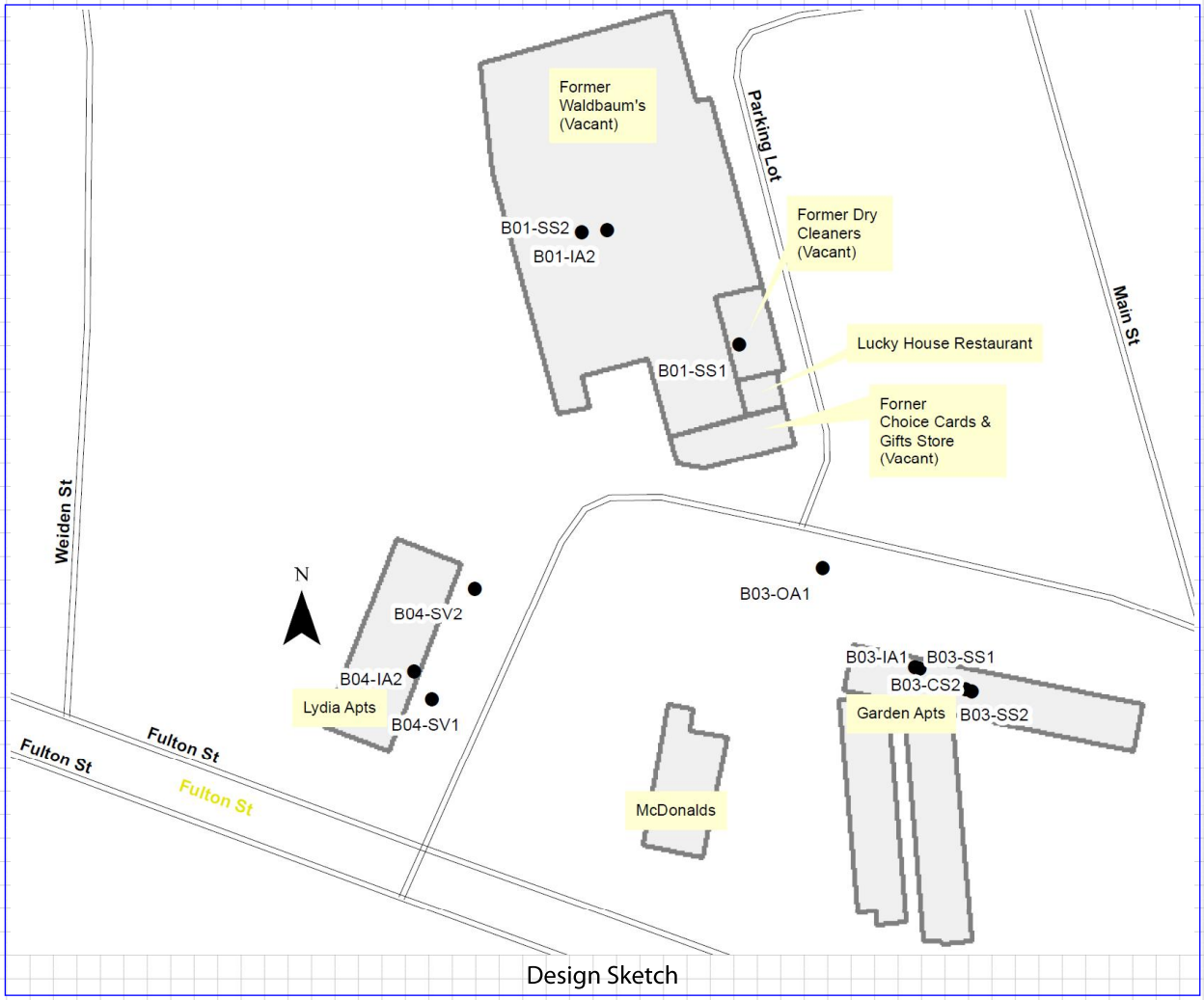
Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

OUTDOOR PLOT LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the outdoor plot of the building as well as the surrounding area. The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sket
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or **F**	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Appendix B

Laboratory Data Packages

Client Sample ID: B02-SS1-20131220
Lab Sample ID: 140-677-1
Date Collected: 12/20/13 16:04
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			01/07/14 00:38	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			01/07/14 00:38	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			01/07/14 00:38	1
1,1,2-Trichlorotrifluoroethane	**0.083**		0.080		ppb v/v			01/07/14 00:38	1
1,1-Dichloroethane	ND		0.080		ppb v/v			01/07/14 00:38	1
1,1-Dichloroethene	ND		0.080		ppb v/v			01/07/14 00:38	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			01/07/14 00:38	1
1,2,4-Trimethylbenzene	**0.56**		0.080		ppb v/v			01/07/14 00:38	1
1,2-Dibromoethane	ND		0.080		ppb v/v			01/07/14 00:38	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			01/07/14 00:38	1
1,2-Dichloroethane	ND		0.080		ppb v/v			01/07/14 00:38	1
1,2-Dichloropropane	ND		0.080		ppb v/v			01/07/14 00:38	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			01/07/14 00:38	1
1,3,5-Trimethylbenzene	**0.14**		0.080		ppb v/v			01/07/14 00:38	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			01/07/14 00:38	1
1,4-Dichlorobenzene	**0.30**		0.080		ppb v/v			01/07/14 00:38	1
1,4-Dioxane	ND		0.20		ppb v/v			01/07/14 00:38	1
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			01/07/14 00:38	1
2-Butanone	**0.47**		0.32		ppb v/v			01/07/14 00:38	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			01/07/14 00:38	1
Benzene	**0.20**		0.080		ppb v/v			01/07/14 00:38	1
Benzyl chloride	ND		0.16		ppb v/v			01/07/14 00:38	1
Bromodichloromethane	ND		0.080		ppb v/v			01/07/14 00:38	1
Bromoform	ND		0.080		ppb v/v			01/07/14 00:38	1
Bromomethane	ND		0.080		ppb v/v			01/07/14 00:38	1
Carbon tetrachloride	ND		0.040		ppb v/v			01/07/14 00:38	1
Chlorobenzene	ND		0.080		ppb v/v			01/07/14 00:38	1
Chloroethane	ND		0.080		ppb v/v			01/07/14 00:38	1
Chloroform	**3.9**		0.080		ppb v/v			01/07/14 00:38	1
Chloromethane	**0.43**		0.20		ppb v/v			01/07/14 00:38	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			01/07/14 00:38	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			01/07/14 00:38	1
Cyclohexane	ND		0.20		ppb v/v			01/07/14 00:38	1
Dibromochloromethane	ND		0.080		ppb v/v			01/07/14 00:38	1
Dichlorodifluoromethane	**0.25**		0.080		ppb v/v			01/07/14 00:38	1
Ethanol	**5.4**		0.80		ppb v/v			01/07/14 00:38	1
Ethylbenzene	**1.4**		0.080		ppb v/v			01/07/14 00:38	1
Hexachlorobutadiene	ND		0.080		ppb v/v			01/07/14 00:38	1
Hexane	**0.26**		0.20		ppb v/v			01/07/14 00:38	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			01/07/14 00:38	1
Methylene Chloride	**0.37**		0.20		ppb v/v			01/07/14 00:38	1
m-Xylene & p-Xylene	**5.8**		0.080		ppb v/v			01/07/14 00:38	1
o-Xylene	**1.3**		0.080		ppb v/v			01/07/14 00:38	1
Styrene	ND		0.080		ppb v/v			01/07/14 00:38	1
t-Butyl alcohol	ND		0.32		ppb v/v			01/07/14 00:38	1
Tetrachloroethene	**2.6**		0.080		ppb v/v			01/07/14 00:38	1
Toluene	**1.9**		0.12		ppb v/v			01/07/14 00:38	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			01/07/14 00:38	1

Client Sample ID: B02-SS1-20131220
Lab Sample ID: 140-677-1
Date Collected: 12/20/13 16:04
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			01/07/14 00:38	1
Trichloroethene	**0.22**		0.040		ppb v/v			01/07/14 00:38	1
Trichlorofluoromethane	**1.2**		0.080		ppb v/v			01/07/14 00:38	1
Vinyl chloride	ND		0.080		ppb v/v			01/07/14 00:38	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			01/07/14 00:38	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			01/07/14 00:38	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			01/07/14 00:38	1
1,1,2-Trichlorotrifluoroethane	**0.64**		0.61		ug/m3			01/07/14 00:38	1
1,1-Dichloroethane	ND		0.32		ug/m3			01/07/14 00:38	1
1,1-Dichloroethene	ND		0.32		ug/m3			01/07/14 00:38	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			01/07/14 00:38	1
1,2,4-Trimethylbenzene	**2.7**		0.39		ug/m3			01/07/14 00:38	1
1,2-Dibromoethane	ND		0.61		ug/m3			01/07/14 00:38	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			01/07/14 00:38	1
1,2-Dichloroethane	ND		0.32		ug/m3			01/07/14 00:38	1
1,2-Dichloropropane	ND		0.37		ug/m3			01/07/14 00:38	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			01/07/14 00:38	1
1,3,5-Trimethylbenzene	**0.70**		0.39		ug/m3			01/07/14 00:38	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			01/07/14 00:38	1
1,4-Dichlorobenzene	**1.8**		0.48		ug/m3			01/07/14 00:38	1
1,4-Dioxane	ND		0.72		ug/m3			01/07/14 00:38	1
2,2,4-Trimethylpentane	ND		0.93		ug/m3			01/07/14 00:38	1
2-Butanone	**1.4**		0.94		ug/m3			01/07/14 00:38	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			01/07/14 00:38	1
Benzene	**0.64**		0.26		ug/m3			01/07/14 00:38	1
Benzyl chloride	ND		0.83		ug/m3			01/07/14 00:38	1
Bromodichloromethane	ND		0.54		ug/m3			01/07/14 00:38	1
Bromoform	ND		0.83		ug/m3			01/07/14 00:38	1
Bromomethane	ND		0.31		ug/m3			01/07/14 00:38	1
Carbon tetrachloride	ND		0.25		ug/m3			01/07/14 00:38	1
Chlorobenzene	ND		0.37		ug/m3			01/07/14 00:38	1
Chloroethane	ND		0.21		ug/m3			01/07/14 00:38	1
Chloroform	**19**		0.39		ug/m3			01/07/14 00:38	1
Chloromethane	**0.89**		0.41		ug/m3			01/07/14 00:38	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			01/07/14 00:38	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			01/07/14 00:38	1
Cyclohexane	ND		0.69		ug/m3			01/07/14 00:38	1
Dibromochloromethane	ND		0.68		ug/m3			01/07/14 00:38	1
Dichlorodifluoromethane	**1.2**		0.40		ug/m3			01/07/14 00:38	1
Ethanol	**10**		1.5		ug/m3			01/07/14 00:38	1
Ethylbenzene	**6.3**		0.35		ug/m3			01/07/14 00:38	1
Hexachlorobutadiene	ND		0.85		ug/m3			01/07/14 00:38	1
Hexane	**0.93**		0.70		ug/m3			01/07/14 00:38	1
Methyl tert-butyl ether	ND		0.58		ug/m3			01/07/14 00:38	1
Methylene Chloride	**1.3**		0.69		ug/m3			01/07/14 00:38	1
m-Xylene & p-Xylene	**25**		0.35		ug/m3			01/07/14 00:38	1
o-Xylene	**5.7**		0.35		ug/m3			01/07/14 00:38	1

Client Sample ID: B02-SS1-20131220

Lab Sample ID: 140-677-1

Date Collected: 12/20/13 16:04

Matrix: Air

Date Received: 01/02/14 09:00

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.34		ug/m3			01/07/14 00:38	1
t-Butyl alcohol	ND		0.97		ug/m3			01/07/14 00:38	1
Tetrachloroethene	**18**		0.54		ug/m3			01/07/14 00:38	1
Toluene	**7.1**		0.45		ug/m3			01/07/14 00:38	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			01/07/14 00:38	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			01/07/14 00:38	1
Trichloroethene	**1.2**		0.21		ug/m3			01/07/14 00:38	1
Trichlorofluoromethane	**6.6**		0.45		ug/m3			01/07/14 00:38	1
Vinyl chloride	ND		0.20		ug/m3			01/07/14 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*60 - 140*		*01/07/14 00:38*	*1*

Client Sample ID: B02-IA1-20131220

Lab Sample ID: 140-677-2

Date Collected: 12/20/13 16:05

Matrix: Air

Date Received: 01/02/14 09:00

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			01/06/14 19:54	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			01/06/14 19:54	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			01/06/14 19:54	1
1,1,2-Trichlorotrifluoroethane	**0.089**		0.080		ppb v/v			01/06/14 19:54	1
1,1-Dichloroethane	ND		0.080		ppb v/v			01/06/14 19:54	1
1,1-Dichloroethene	ND		0.080		ppb v/v			01/06/14 19:54	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			01/06/14 19:54	1
1,2,4-Trimethylbenzene	**0.18**		0.080		ppb v/v			01/06/14 19:54	1
1,2-Dibromoethane	ND		0.080		ppb v/v			01/06/14 19:54	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 19:54	1
1,2-Dichloroethane	ND		0.080		ppb v/v			01/06/14 19:54	1
1,2-Dichloropropane	ND		0.080		ppb v/v			01/06/14 19:54	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			01/06/14 19:54	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			01/06/14 19:54	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 19:54	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 19:54	1
1,4-Dioxane	ND		0.20		ppb v/v			01/06/14 19:54	1
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			01/06/14 19:54	1
2-Butanone	**0.72**		0.32		ppb v/v			01/06/14 19:54	1
4-Methyl-2-pentanone (MIBK)	**0.24**		0.20		ppb v/v			01/06/14 19:54	1
Benzene	**0.39**		0.080		ppb v/v			01/06/14 19:54	1
Benzyl chloride	ND		0.16		ppb v/v			01/06/14 19:54	1
Bromodichloromethane	ND		0.080		ppb v/v			01/06/14 19:54	1
Bromoform	ND		0.080		ppb v/v			01/06/14 19:54	1
Bromomethane	ND		0.080		ppb v/v			01/06/14 19:54	1
Carbon tetrachloride	**0.14**		0.040		ppb v/v			01/06/14 19:54	1
Chlorobenzene	ND		0.080		ppb v/v			01/06/14 19:54	1
Chloroethane	ND		0.080		ppb v/v			01/06/14 19:54	1
Chloroform	**20**	**E**	0.080		ppb v/v			01/06/14 19:54	1

Client Sample ID: B02-IA1-20131220
Lab Sample ID: 140-677-2
Date Collected: 12/20/13 16:05
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	**0.62**		0.20		ppb v/v			01/06/14 19:54	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			01/06/14 19:54	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			01/06/14 19:54	1
Cyclohexane	ND		0.20		ppb v/v			01/06/14 19:54	1
Dibromochloromethane	ND		0.080		ppb v/v			01/06/14 19:54	1
Dichlorodifluoromethane	**0.22**		0.080		ppb v/v			01/06/14 19:54	1
Ethanol	**170**	**E**	0.80		ppb v/v			01/06/14 19:54	1
Ethylbenzene	**0.14**		0.080		ppb v/v			01/06/14 19:54	1
Hexachlorobutadiene	ND		0.080		ppb v/v			01/06/14 19:54	1
Hexane	**0.32**		0.20		ppb v/v			01/06/14 19:54	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			01/06/14 19:54	1
Methylene Chloride	**0.67**		0.20		ppb v/v			01/06/14 19:54	1
m-Xylene & p-Xylene	**0.46**		0.080		ppb v/v			01/06/14 19:54	1
o-Xylene	**0.19**		0.080		ppb v/v			01/06/14 19:54	1
Styrene	ND		0.080		ppb v/v			01/06/14 19:54	1
t-Butyl alcohol	ND		0.32		ppb v/v			01/06/14 19:54	1
Tetrachloroethene	**0.095**		0.080		ppb v/v			01/06/14 19:54	1
Toluene	**0.87**		0.12		ppb v/v			01/06/14 19:54	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			01/06/14 19:54	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			01/06/14 19:54	1
Trichloroethene	ND		0.040		ppb v/v			01/06/14 19:54	1
Trichlorofluoromethane	**1.2**		0.080		ppb v/v			01/06/14 19:54	1
Vinyl chloride	ND		0.080		ppb v/v			01/06/14 19:54	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			01/06/14 19:54	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			01/06/14 19:54	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			01/06/14 19:54	1
1,1,2-Trichlorotrifluoroethane	**0.68**		0.61		ug/m3			01/06/14 19:54	1
1,1-Dichloroethane	ND		0.32		ug/m3			01/06/14 19:54	1
1,1-Dichloroethene	ND		0.32		ug/m3			01/06/14 19:54	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			01/06/14 19:54	1
1,2,4-Trimethylbenzene	**0.88**		0.39		ug/m3			01/06/14 19:54	1
1,2-Dibromoethane	ND		0.61		ug/m3			01/06/14 19:54	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 19:54	1
1,2-Dichloroethane	ND		0.32		ug/m3			01/06/14 19:54	1
1,2-Dichloropropane	ND		0.37		ug/m3			01/06/14 19:54	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			01/06/14 19:54	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			01/06/14 19:54	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 19:54	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 19:54	1
1,4-Dioxane	ND		0.72		ug/m3			01/06/14 19:54	1
2,2,4-Trimethylpentane	ND		0.93		ug/m3			01/06/14 19:54	1
2-Butanone	**2.1**		0.94		ug/m3			01/06/14 19:54	1
4-Methyl-2-pentanone (MIBK)	**1.0**		0.82		ug/m3			01/06/14 19:54	1
Benzene	**1.3**		0.26		ug/m3			01/06/14 19:54	1
Benzyl chloride	ND		0.83		ug/m3			01/06/14 19:54	1
Bromodichloromethane	ND		0.54		ug/m3			01/06/14 19:54	1
Bromoform	ND		0.83		ug/m3			01/06/14 19:54	1

Client Sample ID: B02-IA1-20131220
Lab Sample ID: 140-677-2
Date Collected: 12/20/13 16:05
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		0.31		ug/m3			01/06/14 19:54	1
Carbon tetrachloride	**0.85**		0.25		ug/m3			01/06/14 19:54	1
Chlorobenzene	ND		0.37		ug/m3			01/06/14 19:54	1
Chloroethane	ND		0.21		ug/m3			01/06/14 19:54	1
Chloroform	**98**	**E**	0.39		ug/m3			01/06/14 19:54	1
Chloromethane	**1.3**		0.41		ug/m3			01/06/14 19:54	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			01/06/14 19:54	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			01/06/14 19:54	1
Cyclohexane	ND		0.69		ug/m3			01/06/14 19:54	1
Dibromochloromethane	ND		0.68		ug/m3			01/06/14 19:54	1
Dichlorodifluoromethane	**1.1**		0.40		ug/m3			01/06/14 19:54	1
Ethanol	**320**	**E**	1.5		ug/m3			01/06/14 19:54	1
Ethylbenzene	**0.63**		0.35		ug/m3			01/06/14 19:54	1
Hexachlorobutadiene	ND		0.85		ug/m3			01/06/14 19:54	1
Hexane	**1.1**		0.70		ug/m3			01/06/14 19:54	1
Methyl tert-butyl ether	ND		0.58		ug/m3			01/06/14 19:54	1
Methylene Chloride	**2.3**		0.69		ug/m3			01/06/14 19:54	1
m-Xylene & p-Xylene	**2.0**		0.35		ug/m3			01/06/14 19:54	1
o-Xylene	**0.81**		0.35		ug/m3			01/06/14 19:54	1
Styrene	ND		0.34		ug/m3			01/06/14 19:54	1
t-Butyl alcohol	ND		0.97		ug/m3			01/06/14 19:54	1
Tetrachloroethene	**0.64**		0.54		ug/m3			01/06/14 19:54	1
Toluene	**3.3**		0.45		ug/m3			01/06/14 19:54	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			01/06/14 19:54	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			01/06/14 19:54	1
Trichloroethene	ND		0.21		ug/m3			01/06/14 19:54	1
Trichlorofluoromethane	**6.9**		0.45		ug/m3			01/06/14 19:54	1
Vinyl chloride	ND		0.20		ug/m3			01/06/14 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*60 - 140*		*01/06/14 19:54*	*1*

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	**18**		0.40		ppb v/v			01/09/14 19:09	1
Ethanol	**81**		4.0		ppb v/v			01/09/14 19:09	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	**88**		2.0		ug/m3			01/09/14 19:09	1
Ethanol	**150**		7.5		ug/m3			01/09/14 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*60 - 140*		*01/09/14 19:09*	*1*

Client Sample ID: B02-OA1-20131220
Lab Sample ID: 140-677-3
Date Collected: 12/20/13 16:10
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			01/06/14 18:06	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			01/06/14 18:06	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			01/06/14 18:06	1
1,1,2-Trichlorotrifluoroethane	**0.085**		0.080		ppb v/v			01/06/14 18:06	1
1,1-Dichloroethane	ND		0.080		ppb v/v			01/06/14 18:06	1
1,1-Dichloroethene	ND		0.080		ppb v/v			01/06/14 18:06	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			01/06/14 18:06	1
1,2,4-Trimethylbenzene	**0.090**		0.080		ppb v/v			01/06/14 18:06	1
1,2-Dibromoethane	ND		0.080		ppb v/v			01/06/14 18:06	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 18:06	1
1,2-Dichloroethane	ND		0.080		ppb v/v			01/06/14 18:06	1
1,2-Dichloropropane	ND		0.080		ppb v/v			01/06/14 18:06	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			01/06/14 18:06	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			01/06/14 18:06	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 18:06	1
1,4-Dichlorobenzene	**0.080**		0.080		ppb v/v			01/06/14 18:06	1
1,4-Dioxane	ND		0.20		ppb v/v			01/06/14 18:06	1
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			01/06/14 18:06	1
2-Butanone	ND		0.32		ppb v/v			01/06/14 18:06	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			01/06/14 18:06	1
Benzene	**0.32**		0.080		ppb v/v			01/06/14 18:06	1
Benzyl chloride	ND		0.16		ppb v/v			01/06/14 18:06	1
Bromodichloromethane	ND		0.080		ppb v/v			01/06/14 18:06	1
Bromoform	ND		0.080		ppb v/v			01/06/14 18:06	1
Bromomethane	ND		0.080		ppb v/v			01/06/14 18:06	1
Carbon tetrachloride	**0.073**		0.040		ppb v/v			01/06/14 18:06	1
Chlorobenzene	ND		0.080		ppb v/v			01/06/14 18:06	1
Chloroethane	ND		0.080		ppb v/v			01/06/14 18:06	1
Chloroform	ND		0.080		ppb v/v			01/06/14 18:06	1
Chloromethane	**0.54**		0.20		ppb v/v			01/06/14 18:06	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			01/06/14 18:06	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			01/06/14 18:06	1
Cyclohexane	ND		0.20		ppb v/v			01/06/14 18:06	1
Dibromochloromethane	ND		0.080		ppb v/v			01/06/14 18:06	1
Dichlorodifluoromethane	**0.37**		0.080		ppb v/v			01/06/14 18:06	1
Ethanol	**5.3**		0.80		ppb v/v			01/06/14 18:06	1
Ethylbenzene	**0.11**		0.080		ppb v/v			01/06/14 18:06	1
Hexachlorobutadiene	ND		0.080		ppb v/v			01/06/14 18:06	1
Hexane	**0.26**		0.20		ppb v/v			01/06/14 18:06	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			01/06/14 18:06	1
Methylene Chloride	**0.42**		0.20		ppb v/v			01/06/14 18:06	1
m-Xylene & p-Xylene	**0.35**		0.080		ppb v/v			01/06/14 18:06	1
o-Xylene	**0.13**		0.080		ppb v/v			01/06/14 18:06	1
Styrene	ND		0.080		ppb v/v			01/06/14 18:06	1
t-Butyl alcohol	ND		0.32		ppb v/v			01/06/14 18:06	1
Tetrachloroethene	ND		0.080		ppb v/v			01/06/14 18:06	1
Toluene	**0.58**		0.12		ppb v/v			01/06/14 18:06	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			01/06/14 18:06	1

Client Sample ID: B02-OA1-20131220
Lab Sample ID: 140-677-3
Date Collected: 12/20/13 16:10
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			01/06/14 18:06	1
Trichloroethene	ND		0.040		ppb v/v			01/06/14 18:06	1
Trichlorofluoromethane	**0.23**		0.080		ppb v/v			01/06/14 18:06	1
Vinyl chloride	ND		0.080		ppb v/v			01/06/14 18:06	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			01/06/14 18:06	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			01/06/14 18:06	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			01/06/14 18:06	1
1,1,2-Trichlorotrifluoroethane	**0.65**		0.61		ug/m3			01/06/14 18:06	1
1,1-Dichloroethane	ND		0.32		ug/m3			01/06/14 18:06	1
1,1-Dichloroethene	ND		0.32		ug/m3			01/06/14 18:06	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			01/06/14 18:06	1
1,2,4-Trimethylbenzene	**0.44**		0.39		ug/m3			01/06/14 18:06	1
1,2-Dibromoethane	ND		0.61		ug/m3			01/06/14 18:06	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 18:06	1
1,2-Dichloroethane	ND		0.32		ug/m3			01/06/14 18:06	1
1,2-Dichloropropane	ND		0.37		ug/m3			01/06/14 18:06	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			01/06/14 18:06	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			01/06/14 18:06	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 18:06	1
1,4-Dichlorobenzene	**0.48**		0.48		ug/m3			01/06/14 18:06	1
1,4-Dioxane	ND		0.72		ug/m3			01/06/14 18:06	1
2,2,4-Trimethylpentane	ND		0.93		ug/m3			01/06/14 18:06	1
2-Butanone	ND		0.94		ug/m3			01/06/14 18:06	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			01/06/14 18:06	1
Benzene	**1.0**		0.26		ug/m3			01/06/14 18:06	1
Benzyl chloride	ND		0.83		ug/m3			01/06/14 18:06	1
Bromodichloromethane	ND		0.54		ug/m3			01/06/14 18:06	1
Bromoform	ND		0.83		ug/m3			01/06/14 18:06	1
Bromomethane	ND		0.31		ug/m3			01/06/14 18:06	1
Carbon tetrachloride	**0.46**		0.25		ug/m3			01/06/14 18:06	1
Chlorobenzene	ND		0.37		ug/m3			01/06/14 18:06	1
Chloroethane	ND		0.21		ug/m3			01/06/14 18:06	1
Chloroform	ND		0.39		ug/m3			01/06/14 18:06	1
Chloromethane	**1.1**		0.41		ug/m3			01/06/14 18:06	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			01/06/14 18:06	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			01/06/14 18:06	1
Cyclohexane	ND		0.69		ug/m3			01/06/14 18:06	1
Dibromochloromethane	ND		0.68		ug/m3			01/06/14 18:06	1
Dichlorodifluoromethane	**1.8**		0.40		ug/m3			01/06/14 18:06	1
Ethanol	**10**		1.5		ug/m3			01/06/14 18:06	1
Ethylbenzene	**0.46**		0.35		ug/m3			01/06/14 18:06	1
Hexachlorobutadiene	ND		0.85		ug/m3			01/06/14 18:06	1
Hexane	**0.92**		0.70		ug/m3			01/06/14 18:06	1
Methyl tert-butyl ether	ND		0.58		ug/m3			01/06/14 18:06	1
Methylene Chloride	**1.4**		0.69		ug/m3			01/06/14 18:06	1
m-Xylene & p-Xylene	**1.5**		0.35		ug/m3			01/06/14 18:06	1
o-Xylene	**0.58**		0.35		ug/m3			01/06/14 18:06	1

Client Sample ID: B02-OA1-20131220
Lab Sample ID: 140-677-3

Date Collected: 12/20/13 16:10
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.34		ug/m3			01/06/14 18:06	1
t-Butyl alcohol	ND		0.97		ug/m3			01/06/14 18:06	1
Tetrachloroethene	ND		0.54		ug/m3			01/06/14 18:06	1
Toluene	**2.2**		0.45		ug/m3			01/06/14 18:06	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			01/06/14 18:06	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			01/06/14 18:06	1
Trichloroethene	ND		0.21		ug/m3			01/06/14 18:06	1
Trichlorofluoromethane	**1.3**		0.45		ug/m3			01/06/14 18:06	1
Vinyl chloride	ND		0.20		ug/m3			01/06/14 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*60 - 140*		*01/06/14 18:06*	*1*

Client Sample ID: B04-SV2-20131220
Lab Sample ID: 140-677-4

Date Collected: 12/20/13 16:14
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			01/07/14 01:31	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			01/07/14 01:31	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			01/07/14 01:31	1
1,1,2-Trichlorotrifluoroethane	**0.085**		0.080		ppb v/v			01/07/14 01:31	1
1,1-Dichloroethane	ND		0.080		ppb v/v			01/07/14 01:31	1
1,1-Dichloroethene	ND		0.080		ppb v/v			01/07/14 01:31	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			01/07/14 01:31	1
1,2,4-Trimethylbenzene	**0.46**		0.080		ppb v/v			01/07/14 01:31	1
1,2-Dibromoethane	ND		0.080		ppb v/v			01/07/14 01:31	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			01/07/14 01:31	1
1,2-Dichloroethane	ND		0.080		ppb v/v			01/07/14 01:31	1
1,2-Dichloropropane	ND		0.080		ppb v/v			01/07/14 01:31	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			01/07/14 01:31	1
1,3,5-Trimethylbenzene	**0.11**		0.080		ppb v/v			01/07/14 01:31	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			01/07/14 01:31	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			01/07/14 01:31	1
1,4-Dioxane	ND		0.20		ppb v/v			01/07/14 01:31	1
2,2,4-Trimethylpentane	**0.27**		0.20		ppb v/v			01/07/14 01:31	1
2-Butanone	**2.1**		0.32		ppb v/v			01/07/14 01:31	1
4-Methyl-2-pentanone (MIBK)	**5.0**		0.20		ppb v/v			01/07/14 01:31	1
Benzene	**0.53**		0.080		ppb v/v			01/07/14 01:31	1
Benzyl chloride	ND		0.16		ppb v/v			01/07/14 01:31	1
Bromodichloromethane	ND		0.080		ppb v/v			01/07/14 01:31	1
Bromoform	ND		0.080		ppb v/v			01/07/14 01:31	1
Bromomethane	ND		0.080		ppb v/v			01/07/14 01:31	1
Carbon tetrachloride	**0.062**		0.040		ppb v/v			01/07/14 01:31	1
Chlorobenzene	ND		0.080		ppb v/v			01/07/14 01:31	1
Chloroethane	ND		0.080		ppb v/v			01/07/14 01:31	1
Chloroform	ND		0.080		ppb v/v			01/07/14 01:31	1

Client Sample ID: B04-SV2-20131220
Lab Sample ID: 140-677-4
Date Collected: 12/20/13 16:14
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	**0.56**		0.20		ppb v/v			01/07/14 01:31	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			01/07/14 01:31	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			01/07/14 01:31	1
Cyclohexane	ND		0.20		ppb v/v			01/07/14 01:31	1
Dibromochloromethane	ND		0.080		ppb v/v			01/07/14 01:31	1
Dichlorodifluoromethane	**0.45**		0.080		ppb v/v			01/07/14 01:31	1
Ethanol	**60**		0.80		ppb v/v			01/07/14 01:31	1
Ethylbenzene	**1.8**		0.080		ppb v/v			01/07/14 01:31	1
Hexachlorobutadiene	ND		0.080		ppb v/v			01/07/14 01:31	1
Hexane	**0.58**		0.20		ppb v/v			01/07/14 01:31	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			01/07/14 01:31	1
Methylene Chloride	**0.28**		0.20		ppb v/v			01/07/14 01:31	1
m-Xylene & p-Xylene	**6.9**		0.080		ppb v/v			01/07/14 01:31	1
o-Xylene	**1.8**		0.080		ppb v/v			01/07/14 01:31	1
Styrene	ND		0.080		ppb v/v			01/07/14 01:31	1
t-Butyl alcohol	**2.1**		0.32		ppb v/v			01/07/14 01:31	1
Tetrachloroethene	**3.4**		0.080		ppb v/v			01/07/14 01:31	1
Toluene	**2.4**		0.12		ppb v/v			01/07/14 01:31	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			01/07/14 01:31	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			01/07/14 01:31	1
Trichloroethene	**0.54**		0.040		ppb v/v			01/07/14 01:31	1
Trichlorofluoromethane	**0.23**		0.080		ppb v/v			01/07/14 01:31	1
Vinyl chloride	ND		0.080		ppb v/v			01/07/14 01:31	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			01/07/14 01:31	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			01/07/14 01:31	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			01/07/14 01:31	1
1,1,2-Trichlorotrifluoroethane	**0.65**		0.61		ug/m3			01/07/14 01:31	1
1,1-Dichloroethane	ND		0.32		ug/m3			01/07/14 01:31	1
1,1-Dichloroethene	ND		0.32		ug/m3			01/07/14 01:31	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			01/07/14 01:31	1
1,2,4-Trimethylbenzene	**2.3**		0.39		ug/m3			01/07/14 01:31	1
1,2-Dibromoethane	ND		0.61		ug/m3			01/07/14 01:31	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			01/07/14 01:31	1
1,2-Dichloroethane	ND		0.32		ug/m3			01/07/14 01:31	1
1,2-Dichloropropane	ND		0.37		ug/m3			01/07/14 01:31	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			01/07/14 01:31	1
1,3,5-Trimethylbenzene	**0.55**		0.39		ug/m3			01/07/14 01:31	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			01/07/14 01:31	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			01/07/14 01:31	1
1,4-Dioxane	ND		0.72		ug/m3			01/07/14 01:31	1
2,2,4-Trimethylpentane	**1.3**		0.93		ug/m3			01/07/14 01:31	1
2-Butanone	**6.1**		0.94		ug/m3			01/07/14 01:31	1
4-Methyl-2-pentanone (MIBK)	**20**		0.82		ug/m3			01/07/14 01:31	1
Benzene	**1.7**		0.26		ug/m3			01/07/14 01:31	1
Benzyl chloride	ND		0.83		ug/m3			01/07/14 01:31	1
Bromodichloromethane	ND		0.54		ug/m3			01/07/14 01:31	1
Bromoform	ND		0.83		ug/m3			01/07/14 01:31	1

Client Sample ID: B04-SV2-20131220

Lab Sample ID: 140-677-4

Date Collected: 12/20/13 16:14
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		0.31		ug/m3			01/07/14 01:31	1
Carbon tetrachloride	**0.39**		0.25		ug/m3			01/07/14 01:31	1
Chlorobenzene	ND		0.37		ug/m3			01/07/14 01:31	1
Chloroethane	ND		0.21		ug/m3			01/07/14 01:31	1
Chloroform	ND		0.39		ug/m3			01/07/14 01:31	1
Chloromethane	**1.2**		0.41		ug/m3			01/07/14 01:31	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			01/07/14 01:31	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			01/07/14 01:31	1
Cyclohexane	ND		0.69		ug/m3			01/07/14 01:31	1
Dibromochloromethane	ND		0.68		ug/m3			01/07/14 01:31	1
Dichlorodifluoromethane	**2.2**		0.40		ug/m3			01/07/14 01:31	1
Ethanol	**110**		1.5		ug/m3			01/07/14 01:31	1
Ethylbenzene	**8.0**		0.35		ug/m3			01/07/14 01:31	1
Hexachlorobutadiene	ND		0.85		ug/m3			01/07/14 01:31	1
Hexane	**2.1**		0.70		ug/m3			01/07/14 01:31	1
Methyl tert-butyl ether	ND		0.58		ug/m3			01/07/14 01:31	1
Methylene Chloride	**0.97**		0.69		ug/m3			01/07/14 01:31	1
m-Xylene & p-Xylene	**30**		0.35		ug/m3			01/07/14 01:31	1
o-Xylene	**7.7**		0.35		ug/m3			01/07/14 01:31	1
Styrene	ND		0.34		ug/m3			01/07/14 01:31	1
t-Butyl alcohol	**6.4**		0.97		ug/m3			01/07/14 01:31	1
Tetrachloroethene	**23**		0.54		ug/m3			01/07/14 01:31	1
Toluene	**9.0**		0.45		ug/m3			01/07/14 01:31	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			01/07/14 01:31	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			01/07/14 01:31	1
Trichloroethene	**2.9**		0.21		ug/m3			01/07/14 01:31	1
Trichlorofluoromethane	**1.3**		0.45		ug/m3			01/07/14 01:31	1
Vinyl chloride	ND		0.20		ug/m3			01/07/14 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*60 - 140*		*01/07/14 01:31*	*1*

Client Sample ID: B04-SV1-20131220

Lab Sample ID: 140-677-5

Date Collected: 12/20/13 17:22
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			01/07/14 02:24	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			01/07/14 02:24	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			01/07/14 02:24	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			01/07/14 02:24	1
1,1-Dichloroethane	ND		0.080		ppb v/v			01/07/14 02:24	1
1,1-Dichloroethene	ND		0.080		ppb v/v			01/07/14 02:24	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			01/07/14 02:24	1
1,2,4-Trimethylbenzene	**0.51**		0.080		ppb v/v			01/07/14 02:24	1
1,2-Dibromoethane	ND		0.080		ppb v/v			01/07/14 02:24	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			01/07/14 02:24	1

Client Sample ID: B04-SV1-20131220
Lab Sample ID: 140-677-5
Date Collected: 12/20/13 17:22
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.080		ppb v/v			01/07/14 02:24	1
1,2-Dichloropropane	ND		0.080		ppb v/v			01/07/14 02:24	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			01/07/14 02:24	1
1,3,5-Trimethylbenzene	**0.12**		0.080		ppb v/v			01/07/14 02:24	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			01/07/14 02:24	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			01/07/14 02:24	1
1,4-Dioxane	ND		0.20		ppb v/v			01/07/14 02:24	1
2,2,4-Trimethylpentane	**0.24**		0.20		ppb v/v			01/07/14 02:24	1
2-Butanone	**2.4**		0.32		ppb v/v			01/07/14 02:24	1
4-Methyl-2-pentanone (MIBK)	**5.2**		0.20		ppb v/v			01/07/14 02:24	1
Benzene	**0.45**		0.080		ppb v/v			01/07/14 02:24	1
Benzyl chloride	ND		0.16		ppb v/v			01/07/14 02:24	1
Bromodichloromethane	ND		0.080		ppb v/v			01/07/14 02:24	1
Bromoform	ND		0.080		ppb v/v			01/07/14 02:24	1
Bromomethane	ND		0.080		ppb v/v			01/07/14 02:24	1
Carbon tetrachloride	**0.052**		0.040		ppb v/v			01/07/14 02:24	1
Chlorobenzene	ND		0.080		ppb v/v			01/07/14 02:24	1
Chloroethane	ND		0.080		ppb v/v			01/07/14 02:24	1
Chloroform	ND		0.080		ppb v/v			01/07/14 02:24	1
Chloromethane	**0.45**		0.20		ppb v/v			01/07/14 02:24	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			01/07/14 02:24	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			01/07/14 02:24	1
Cyclohexane	ND		0.20		ppb v/v			01/07/14 02:24	1
Dibromochloromethane	ND		0.080		ppb v/v			01/07/14 02:24	1
Dichlorodifluoromethane	**0.28**		0.080		ppb v/v			01/07/14 02:24	1
Ethanol	**67**		0.80		ppb v/v			01/07/14 02:24	1
Ethylbenzene	**2.1**		0.080		ppb v/v			01/07/14 02:24	1
Hexachlorobutadiene	ND		0.080		ppb v/v			01/07/14 02:24	1
Hexane	**0.59**		0.20		ppb v/v			01/07/14 02:24	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			01/07/14 02:24	1
Methylene Chloride	**0.28**		0.20		ppb v/v			01/07/14 02:24	1
m-Xylene & p-Xylene	**7.6**		0.080		ppb v/v			01/07/14 02:24	1
o-Xylene	**2.0**		0.080		ppb v/v			01/07/14 02:24	1
Styrene	ND		0.080		ppb v/v			01/07/14 02:24	1
t-Butyl alcohol	**2.1**		0.32		ppb v/v			01/07/14 02:24	1
Tetrachloroethene	**0.61**		0.080		ppb v/v			01/07/14 02:24	1
Toluene	**2.5**		0.12		ppb v/v			01/07/14 02:24	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			01/07/14 02:24	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			01/07/14 02:24	1
Trichloroethene	**0.26**		0.040		ppb v/v			01/07/14 02:24	1
Trichlorofluoromethane	**0.21**		0.080		ppb v/v			01/07/14 02:24	1
Vinyl chloride	ND		0.080		ppb v/v			01/07/14 02:24	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			01/07/14 02:24	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			01/07/14 02:24	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			01/07/14 02:24	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			01/07/14 02:24	1
1,1-Dichloroethane	ND		0.32		ug/m3			01/07/14 02:24	1

Client Sample ID: B04-SV1-20131220
Lab Sample ID: 140-677-5
Date Collected: 12/20/13 17:22
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.32		ug/m3			01/07/14 02:24	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			01/07/14 02:24	1
1,2,4-Trimethylbenzene	**2.5**		0.39		ug/m3			01/07/14 02:24	1
1,2-Dibromoethane	ND		0.61		ug/m3			01/07/14 02:24	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			01/07/14 02:24	1
1,2-Dichloroethane	ND		0.32		ug/m3			01/07/14 02:24	1
1,2-Dichloropropane	ND		0.37		ug/m3			01/07/14 02:24	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			01/07/14 02:24	1
1,3,5-Trimethylbenzene	**0.57**		0.39		ug/m3			01/07/14 02:24	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			01/07/14 02:24	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			01/07/14 02:24	1
1,4-Dioxane	ND		0.72		ug/m3			01/07/14 02:24	1
2,2,4-Trimethylpentane	**1.1**		0.93		ug/m3			01/07/14 02:24	1
2-Butanone	**6.9**		0.94		ug/m3			01/07/14 02:24	1
4-Methyl-2-pentanone (MIBK)	**21**		0.82		ug/m3			01/07/14 02:24	1
Benzene	**1.5**		0.26		ug/m3			01/07/14 02:24	1
Benzyl chloride	ND		0.83		ug/m3			01/07/14 02:24	1
Bromodichloromethane	ND		0.54		ug/m3			01/07/14 02:24	1
Bromoform	ND		0.83		ug/m3			01/07/14 02:24	1
Bromomethane	ND		0.31		ug/m3			01/07/14 02:24	1
Carbon tetrachloride	**0.33**		0.25		ug/m3			01/07/14 02:24	1
Chlorobenzene	ND		0.37		ug/m3			01/07/14 02:24	1
Chloroethane	ND		0.21		ug/m3			01/07/14 02:24	1
Chloroform	ND		0.39		ug/m3			01/07/14 02:24	1
Chloromethane	**0.94**		0.41		ug/m3			01/07/14 02:24	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			01/07/14 02:24	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			01/07/14 02:24	1
Cyclohexane	ND		0.69		ug/m3			01/07/14 02:24	1
Dibromochloromethane	ND		0.68		ug/m3			01/07/14 02:24	1
Dichlorodifluoromethane	**1.4**		0.40		ug/m3			01/07/14 02:24	1
Ethanol	**130**		1.5		ug/m3			01/07/14 02:24	1
Ethylbenzene	**9.0**		0.35		ug/m3			01/07/14 02:24	1
Hexachlorobutadiene	ND		0.85		ug/m3			01/07/14 02:24	1
Hexane	**2.1**		0.70		ug/m3			01/07/14 02:24	1
Methyl tert-butyl ether	ND		0.58		ug/m3			01/07/14 02:24	1
Methylene Chloride	**0.96**		0.69		ug/m3			01/07/14 02:24	1
m-Xylene & p-Xylene	**33**		0.35		ug/m3			01/07/14 02:24	1
o-Xylene	**8.6**		0.35		ug/m3			01/07/14 02:24	1
Styrene	ND		0.34		ug/m3			01/07/14 02:24	1
t-Butyl alcohol	**6.5**		0.97		ug/m3			01/07/14 02:24	1
Tetrachloroethene	**4.2**		0.54		ug/m3			01/07/14 02:24	1
Toluene	**9.2**		0.45		ug/m3			01/07/14 02:24	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			01/07/14 02:24	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			01/07/14 02:24	1
Trichloroethene	**1.4**		0.21		ug/m3			01/07/14 02:24	1
Trichlorofluoromethane	**1.2**		0.45		ug/m3			01/07/14 02:24	1
Vinyl chloride	ND		0.20		ug/m3			01/07/14 02:24	1

Client Sample ID: B04-SV1-20131220

Lab Sample ID: 140-677-5

Date Collected: 12/20/13 17:22
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		60 - 140		01/07/14 02:24	1

Client Sample ID: B01-IA1-20131220

Lab Sample ID: 140-677-6

Date Collected: 12/20/13 17:40
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			01/06/14 21:57	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			01/06/14 21:57	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			01/06/14 21:57	1
1,1,2-Trichlorotrifluoroethane	**0.087**		0.080		ppb v/v			01/06/14 21:57	1
1,1-Dichloroethane	ND		0.080		ppb v/v			01/06/14 21:57	1
1,1-Dichloroethene	ND		0.080		ppb v/v			01/06/14 21:57	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			01/06/14 21:57	1
1,2,4-Trimethylbenzene	**0.16**		0.080		ppb v/v			01/06/14 21:57	1
1,2-Dibromoethane	ND		0.080		ppb v/v			01/06/14 21:57	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 21:57	1
1,2-Dichloroethane	ND		0.080		ppb v/v			01/06/14 21:57	1
1,2-Dichloropropane	ND		0.080		ppb v/v			01/06/14 21:57	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			01/06/14 21:57	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			01/06/14 21:57	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 21:57	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 21:57	1
1,4-Dioxane	ND		0.20		ppb v/v			01/06/14 21:57	1
2,2,4-Trimethylpentane	**0.24**		0.20		ppb v/v			01/06/14 21:57	1
2-Butanone	**2.0**		0.32		ppb v/v			01/06/14 21:57	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			01/06/14 21:57	1
Benzene	**0.50**		0.080		ppb v/v			01/06/14 21:57	1
Benzyl chloride	ND		0.16		ppb v/v			01/06/14 21:57	1
Bromodichloromethane	ND		0.080		ppb v/v			01/06/14 21:57	1
Bromoform	ND		0.080		ppb v/v			01/06/14 21:57	1
Bromomethane	ND		0.080		ppb v/v			01/06/14 21:57	1
Carbon tetrachloride	**0.085**		0.040		ppb v/v			01/06/14 21:57	1
Chlorobenzene	ND		0.080		ppb v/v			01/06/14 21:57	1
Chloroethane	ND		0.080		ppb v/v			01/06/14 21:57	1
Chloroform	ND		0.080		ppb v/v			01/06/14 21:57	1
Chloromethane	**0.52**		0.20		ppb v/v			01/06/14 21:57	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			01/06/14 21:57	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			01/06/14 21:57	1
Cyclohexane	ND		0.20		ppb v/v			01/06/14 21:57	1
Dibromochloromethane	ND		0.080		ppb v/v			01/06/14 21:57	1
Dichlorodifluoromethane	**0.38**		0.080		ppb v/v			01/06/14 21:57	1
Ethanol	**11**		0.80		ppb v/v			01/06/14 21:57	1
Ethylbenzene	**0.16**		0.080		ppb v/v			01/06/14 21:57	1
Hexachlorobutadiene	ND		0.080		ppb v/v			01/06/14 21:57	1
Hexane	**0.32**		0.20		ppb v/v			01/06/14 21:57	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			01/06/14 21:57	1

Client Sample ID: B01-IA1-20131220
Lab Sample ID: 140-677-6
Date Collected: 12/20/13 17:40
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	**0.47**		0.20		ppb v/v			01/06/14 21:57	1
m-Xylene & p-Xylene	**0.52**		0.080		ppb v/v			01/06/14 21:57	1
o-Xylene	**0.21**		0.080		ppb v/v			01/06/14 21:57	1
Styrene	ND		0.080		ppb v/v			01/06/14 21:57	1
t-Butyl alcohol	ND		0.32		ppb v/v			01/06/14 21:57	1
Tetrachloroethene	**0.20**		0.080		ppb v/v			01/06/14 21:57	1
Toluene	**0.99**		0.12		ppb v/v			01/06/14 21:57	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			01/06/14 21:57	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			01/06/14 21:57	1
Trichloroethene	ND		0.040		ppb v/v			01/06/14 21:57	1
Trichlorofluoromethane	**0.55**		0.080		ppb v/v			01/06/14 21:57	1
Vinyl chloride	ND		0.080		ppb v/v			01/06/14 21:57	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			01/06/14 21:57	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			01/06/14 21:57	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			01/06/14 21:57	1
1,1,2-Trichlorotrifluoroethane	**0.67**		0.61		ug/m3			01/06/14 21:57	1
1,1-Dichloroethane	ND		0.32		ug/m3			01/06/14 21:57	1
1,1-Dichloroethene	ND		0.32		ug/m3			01/06/14 21:57	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			01/06/14 21:57	1
1,2,4-Trimethylbenzene	**0.80**		0.39		ug/m3			01/06/14 21:57	1
1,2-Dibromoethane	ND		0.61		ug/m3			01/06/14 21:57	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 21:57	1
1,2-Dichloroethane	ND		0.32		ug/m3			01/06/14 21:57	1
1,2-Dichloropropane	ND		0.37		ug/m3			01/06/14 21:57	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			01/06/14 21:57	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			01/06/14 21:57	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 21:57	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 21:57	1
1,4-Dioxane	ND		0.72		ug/m3			01/06/14 21:57	1
2,2,4-Trimethylpentane	**1.1**		0.93		ug/m3			01/06/14 21:57	1
2-Butanone	**5.8**		0.94		ug/m3			01/06/14 21:57	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			01/06/14 21:57	1
Benzene	**1.6**		0.26		ug/m3			01/06/14 21:57	1
Benzyl chloride	ND		0.83		ug/m3			01/06/14 21:57	1
Bromodichloromethane	ND		0.54		ug/m3			01/06/14 21:57	1
Bromoform	ND		0.83		ug/m3			01/06/14 21:57	1
Bromomethane	ND		0.31		ug/m3			01/06/14 21:57	1
Carbon tetrachloride	**0.53**		0.25		ug/m3			01/06/14 21:57	1
Chlorobenzene	ND		0.37		ug/m3			01/06/14 21:57	1
Chloroethane	ND		0.21		ug/m3			01/06/14 21:57	1
Chloroform	ND		0.39		ug/m3			01/06/14 21:57	1
Chloromethane	**1.1**		0.41		ug/m3			01/06/14 21:57	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			01/06/14 21:57	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			01/06/14 21:57	1
Cyclohexane	ND		0.69		ug/m3			01/06/14 21:57	1
Dibromochloromethane	ND		0.68		ug/m3			01/06/14 21:57	1
Dichlorodifluoromethane	**1.9**		0.40		ug/m3			01/06/14 21:57	1

Client Sample ID: B01-IA1-20131220

Lab Sample ID: 140-677-6

Date Collected: 12/20/13 17:40

Matrix: Air

Date Received: 01/02/14 09:00

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	**21**		1.5		ug/m3			01/06/14 21:57	1
Ethylbenzene	**0.71**		0.35		ug/m3			01/06/14 21:57	1
Hexachlorobutadiene	ND		0.85		ug/m3			01/06/14 21:57	1
Hexane	**1.1**		0.70		ug/m3			01/06/14 21:57	1
Methyl tert-butyl ether	ND		0.58		ug/m3			01/06/14 21:57	1
Methylene Chloride	**1.6**		0.69		ug/m3			01/06/14 21:57	1
m-Xylene & p-Xylene	**2.2**		0.35		ug/m3			01/06/14 21:57	1
o-Xylene	**0.92**		0.35		ug/m3			01/06/14 21:57	1
Styrene	ND		0.34		ug/m3			01/06/14 21:57	1
t-Butyl alcohol	ND		0.97		ug/m3			01/06/14 21:57	1
Tetrachloroethene	**1.3**		0.54		ug/m3			01/06/14 21:57	1
Toluene	**3.7**		0.45		ug/m3			01/06/14 21:57	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			01/06/14 21:57	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			01/06/14 21:57	1
Trichloroethene	ND		0.21		ug/m3			01/06/14 21:57	1
Trichlorofluoromethane	**3.1**		0.45		ug/m3			01/06/14 21:57	1
Vinyl chloride	ND		0.20		ug/m3			01/06/14 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*60 - 140*		*01/06/14 21:57*	*1*

Client Sample ID: B01-IA51-20131220

Lab Sample ID: 140-677-7

Date Collected: 12/20/13 17:30

Matrix: Air

Date Received: 01/02/14 09:00

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			01/06/14 22:50	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			01/06/14 22:50	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			01/06/14 22:50	1
1,1,2-Trichlorotrifluoroethane	**0.085**		0.080		ppb v/v			01/06/14 22:50	1
1,1-Dichloroethane	ND		0.080		ppb v/v			01/06/14 22:50	1
1,1-Dichloroethene	ND		0.080		ppb v/v			01/06/14 22:50	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			01/06/14 22:50	1
1,2,4-Trimethylbenzene	ND		0.080		ppb v/v			01/06/14 22:50	1
1,2-Dibromoethane	ND		0.080		ppb v/v			01/06/14 22:50	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 22:50	1
1,2-Dichloroethane	ND		0.080		ppb v/v			01/06/14 22:50	1
1,2-Dichloropropane	ND		0.080		ppb v/v			01/06/14 22:50	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			01/06/14 22:50	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			01/06/14 22:50	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 22:50	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 22:50	1
1,4-Dioxane	ND		0.20		ppb v/v			01/06/14 22:50	1
2,2,4-Trimethylpentane	**0.21**		0.20		ppb v/v			01/06/14 22:50	1
2-Butanone	**0.40**		0.32		ppb v/v			01/06/14 22:50	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			01/06/14 22:50	1
Benzene	**0.43**		0.080		ppb v/v			01/06/14 22:50	1

Client Sample ID: B01-IA51-20131220
Lab Sample ID: 140-677-7
Date Collected: 12/20/13 17:30
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		0.16		ppb v/v			01/06/14 22:50	1
Bromodichloromethane	ND		0.080		ppb v/v			01/06/14 22:50	1
Bromoform	ND		0.080		ppb v/v			01/06/14 22:50	1
Bromomethane	ND		0.080		ppb v/v			01/06/14 22:50	1
Carbon tetrachloride	**0.051**		0.040		ppb v/v			01/06/14 22:50	1
Chlorobenzene	ND		0.080		ppb v/v			01/06/14 22:50	1
Chloroethane	ND		0.080		ppb v/v			01/06/14 22:50	1
Chloroform	ND		0.080		ppb v/v			01/06/14 22:50	1
Chloromethane	**0.51**		0.20		ppb v/v			01/06/14 22:50	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			01/06/14 22:50	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			01/06/14 22:50	1
Cyclohexane	ND		0.20		ppb v/v			01/06/14 22:50	1
Dibromochloromethane	ND		0.080		ppb v/v			01/06/14 22:50	1
Dichlorodifluoromethane	**0.47**		0.080		ppb v/v			01/06/14 22:50	1
Ethanol	**11**		0.80		ppb v/v			01/06/14 22:50	1
Ethylbenzene	ND		0.080		ppb v/v			01/06/14 22:50	1
Hexachlorobutadiene	ND		0.080		ppb v/v			01/06/14 22:50	1
Hexane	**0.32**		0.20		ppb v/v			01/06/14 22:50	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			01/06/14 22:50	1
Methylene Chloride	**0.53**		0.20		ppb v/v			01/06/14 22:50	1
m-Xylene & p-Xylene	**0.12**		0.080		ppb v/v			01/06/14 22:50	1
o-Xylene	ND		0.080		ppb v/v			01/06/14 22:50	1
Styrene	ND		0.080		ppb v/v			01/06/14 22:50	1
t-Butyl alcohol	ND		0.32		ppb v/v			01/06/14 22:50	1
Tetrachloroethene	**0.36**		0.080		ppb v/v			01/06/14 22:50	1
Toluene	**0.60**		0.12		ppb v/v			01/06/14 22:50	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			01/06/14 22:50	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			01/06/14 22:50	1
Trichloroethene	ND		0.040		ppb v/v			01/06/14 22:50	1
Trichlorofluoromethane	**0.55**		0.080		ppb v/v			01/06/14 22:50	1
Vinyl chloride	ND		0.080		ppb v/v			01/06/14 22:50	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			01/06/14 22:50	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			01/06/14 22:50	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			01/06/14 22:50	1
1,1,2-Trichlorotrifluoroethane	**0.65**		0.61		ug/m3			01/06/14 22:50	1
1,1-Dichloroethane	ND		0.32		ug/m3			01/06/14 22:50	1
1,1-Dichloroethene	ND		0.32		ug/m3			01/06/14 22:50	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			01/06/14 22:50	1
1,2,4-Trimethylbenzene	ND		0.39		ug/m3			01/06/14 22:50	1
1,2-Dibromoethane	ND		0.61		ug/m3			01/06/14 22:50	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 22:50	1
1,2-Dichloroethane	ND		0.32		ug/m3			01/06/14 22:50	1
1,2-Dichloropropane	ND		0.37		ug/m3			01/06/14 22:50	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			01/06/14 22:50	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			01/06/14 22:50	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 22:50	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 22:50	1

Client Sample ID: B01-IA51-20131220

Lab Sample ID: 140-677-7

Date Collected: 12/20/13 17:30

Matrix: Air

Date Received: 01/02/14 09:00

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.72		ug/m3			01/06/14 22:50	1
2,2,4-Trimethylpentane	**0.98**		0.93		ug/m3			01/06/14 22:50	1
2-Butanone	**1.2**		0.94		ug/m3			01/06/14 22:50	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			01/06/14 22:50	1
Benzene	**1.4**		0.26		ug/m3			01/06/14 22:50	1
Benzyl chloride	ND		0.83		ug/m3			01/06/14 22:50	1
Bromodichloromethane	ND		0.54		ug/m3			01/06/14 22:50	1
Bromoform	ND		0.83		ug/m3			01/06/14 22:50	1
Bromomethane	ND		0.31		ug/m3			01/06/14 22:50	1
Carbon tetrachloride	**0.32**		0.25		ug/m3			01/06/14 22:50	1
Chlorobenzene	ND		0.37		ug/m3			01/06/14 22:50	1
Chloroethane	ND		0.21		ug/m3			01/06/14 22:50	1
Chloroform	ND		0.39		ug/m3			01/06/14 22:50	1
Chloromethane	**1.0**		0.41		ug/m3			01/06/14 22:50	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			01/06/14 22:50	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			01/06/14 22:50	1
Cyclohexane	ND		0.69		ug/m3			01/06/14 22:50	1
Dibromochloromethane	ND		0.68		ug/m3			01/06/14 22:50	1
Dichlorodifluoromethane	**2.3**		0.40		ug/m3			01/06/14 22:50	1
Ethanol	**20**		1.5		ug/m3			01/06/14 22:50	1
Ethylbenzene	ND		0.35		ug/m3			01/06/14 22:50	1
Hexachlorobutadiene	ND		0.85		ug/m3			01/06/14 22:50	1
Hexane	**1.1**		0.70		ug/m3			01/06/14 22:50	1
Methyl tert-butyl ether	ND		0.58		ug/m3			01/06/14 22:50	1
Methylene Chloride	**1.9**		0.69		ug/m3			01/06/14 22:50	1
m-Xylene & p-Xylene	**0.54**		0.35		ug/m3			01/06/14 22:50	1
o-Xylene	ND		0.35		ug/m3			01/06/14 22:50	1
Styrene	ND		0.34		ug/m3			01/06/14 22:50	1
t-Butyl alcohol	ND		0.97		ug/m3			01/06/14 22:50	1
Tetrachloroethene	**2.4**		0.54		ug/m3			01/06/14 22:50	1
Toluene	**2.3**		0.45		ug/m3			01/06/14 22:50	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			01/06/14 22:50	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			01/06/14 22:50	1
Trichloroethene	ND		0.21		ug/m3			01/06/14 22:50	1
Trichlorofluoromethane	**3.1**		0.45		ug/m3			01/06/14 22:50	1
Vinyl chloride	ND		0.20		ug/m3			01/06/14 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*60 - 140*		*01/06/14 22:50*	*1*

Client Sample ID: B01-SS1-20131220

Lab Sample ID: 140-677-8

Date Collected: 12/20/13 17:35

Matrix: Air

Date Received: 01/02/14 09:00

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			01/07/14 03:17	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			01/07/14 03:17	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107 (AECOM)

TestAmerica Job ID: 140-677-1

Client Sample ID: B01-SS1-20131220
Lab Sample ID: 140-677-8
Date Collected: 12/20/13 17:35
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.080		ppb v/v			01/07/14 03:17	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			01/07/14 03:17	1
1,1-Dichloroethane	ND		0.080		ppb v/v			01/07/14 03:17	1
1,1-Dichloroethene	ND		0.080		ppb v/v			01/07/14 03:17	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			01/07/14 03:17	1
1,2,4-Trimethylbenzene	**0.12**		0.080		ppb v/v			01/07/14 03:17	1
1,2-Dibromoethane	ND		0.080		ppb v/v			01/07/14 03:17	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			01/07/14 03:17	1
1,2-Dichloroethane	ND		0.080		ppb v/v			01/07/14 03:17	1
1,2-Dichloropropane	ND		0.080		ppb v/v			01/07/14 03:17	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			01/07/14 03:17	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			01/07/14 03:17	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			01/07/14 03:17	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			01/07/14 03:17	1
1,4-Dioxane	ND		0.20		ppb v/v			01/07/14 03:17	1
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			01/07/14 03:17	1
2-Butanone	**1.2**		0.32		ppb v/v			01/07/14 03:17	1
4-Methyl-2-pentanone (MIBK)	**0.20**		0.20		ppb v/v			01/07/14 03:17	1
Benzene	**0.19**		0.080		ppb v/v			01/07/14 03:17	1
Benzyl chloride	ND		0.16		ppb v/v			01/07/14 03:17	1
Bromodichloromethane	ND		0.080		ppb v/v			01/07/14 03:17	1
Bromoform	ND		0.080		ppb v/v			01/07/14 03:17	1
Bromomethane	ND		0.080		ppb v/v			01/07/14 03:17	1
Carbon tetrachloride	ND		0.040		ppb v/v			01/07/14 03:17	1
Chlorobenzene	ND		0.080		ppb v/v			01/07/14 03:17	1
Chloroethane	ND		0.080		ppb v/v			01/07/14 03:17	1
Chloroform	**0.14**		0.080		ppb v/v			01/07/14 03:17	1
Chloromethane	ND		0.20		ppb v/v			01/07/14 03:17	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			01/07/14 03:17	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			01/07/14 03:17	1
Cyclohexane	ND		0.20		ppb v/v			01/07/14 03:17	1
Dibromochloromethane	ND		0.080		ppb v/v			01/07/14 03:17	1
Dichlorodifluoromethane	**0.77**		0.080		ppb v/v			01/07/14 03:17	1
Ethanol	**3.2**		0.80		ppb v/v			01/07/14 03:17	1
Ethylbenzene	**0.78**		0.080		ppb v/v			01/07/14 03:17	1
Hexachlorobutadiene	ND		0.080		ppb v/v			01/07/14 03:17	1
Hexane	**0.35**		0.20		ppb v/v			01/07/14 03:17	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			01/07/14 03:17	1
Methylene Chloride	**0.85**		0.20		ppb v/v			01/07/14 03:17	1
m-Xylene & p-Xylene	**2.8**		0.080		ppb v/v			01/07/14 03:17	1
o-Xylene	**0.67**		0.080		ppb v/v			01/07/14 03:17	1
Styrene	ND		0.080		ppb v/v			01/07/14 03:17	1
t-Butyl alcohol	**0.42**		0.32		ppb v/v			01/07/14 03:17	1
Tetrachloroethene	**110**	**E**	0.080		ppb v/v			01/07/14 03:17	1
Toluene	**1.4**		0.12		ppb v/v			01/07/14 03:17	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			01/07/14 03:17	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			01/07/14 03:17	1
Trichloroethene	**0.95**		0.040		ppb v/v			01/07/14 03:17	1

Client Sample ID: B01-SS1-20131220
Lab Sample ID: 140-677-8
Date Collected: 12/20/13 17:35
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	**0.53**		0.080		ppb v/v			01/07/14 03:17	1
Vinyl chloride	ND		0.080		ppb v/v			01/07/14 03:17	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			01/07/14 03:17	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			01/07/14 03:17	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			01/07/14 03:17	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			01/07/14 03:17	1
1,1-Dichloroethane	ND		0.32		ug/m3			01/07/14 03:17	1
1,1-Dichloroethene	ND		0.32		ug/m3			01/07/14 03:17	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			01/07/14 03:17	1
1,2,4-Trimethylbenzene	**0.60**		0.39		ug/m3			01/07/14 03:17	1
1,2-Dibromoethane	ND		0.61		ug/m3			01/07/14 03:17	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			01/07/14 03:17	1
1,2-Dichloroethane	ND		0.32		ug/m3			01/07/14 03:17	1
1,2-Dichloropropane	ND		0.37		ug/m3			01/07/14 03:17	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			01/07/14 03:17	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			01/07/14 03:17	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			01/07/14 03:17	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			01/07/14 03:17	1
1,4-Dioxane	ND		0.72		ug/m3			01/07/14 03:17	1
2,2,4-Trimethylpentane	ND		0.93		ug/m3			01/07/14 03:17	1
2-Butanone	**3.5**		0.94		ug/m3			01/07/14 03:17	1
4-Methyl-2-pentanone (MIBK)	**0.83**		0.82		ug/m3			01/07/14 03:17	1
Benzene	**0.60**		0.26		ug/m3			01/07/14 03:17	1
Benzyl chloride	ND		0.83		ug/m3			01/07/14 03:17	1
Bromodichloromethane	ND		0.54		ug/m3			01/07/14 03:17	1
Bromoform	ND		0.83		ug/m3			01/07/14 03:17	1
Bromomethane	ND		0.31		ug/m3			01/07/14 03:17	1
Carbon tetrachloride	ND		0.25		ug/m3			01/07/14 03:17	1
Chlorobenzene	ND		0.37		ug/m3			01/07/14 03:17	1
Chloroethane	ND		0.21		ug/m3			01/07/14 03:17	1
Chloroform	**0.69**		0.39		ug/m3			01/07/14 03:17	1
Chloromethane	ND		0.41		ug/m3			01/07/14 03:17	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			01/07/14 03:17	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			01/07/14 03:17	1
Cyclohexane	ND		0.69		ug/m3			01/07/14 03:17	1
Dibromochloromethane	ND		0.68		ug/m3			01/07/14 03:17	1
Dichlorodifluoromethane	**3.8**		0.40		ug/m3			01/07/14 03:17	1
Ethanol	**6.1**		1.5		ug/m3			01/07/14 03:17	1
Ethylbenzene	**3.4**		0.35		ug/m3			01/07/14 03:17	1
Hexachlorobutadiene	ND		0.85		ug/m3			01/07/14 03:17	1
Hexane	**1.2**		0.70		ug/m3			01/07/14 03:17	1
Methyl tert-butyl ether	ND		0.58		ug/m3			01/07/14 03:17	1
Methylene Chloride	**3.0**		0.69		ug/m3			01/07/14 03:17	1
m-Xylene & p-Xylene	**12**		0.35		ug/m3			01/07/14 03:17	1
o-Xylene	**2.9**		0.35		ug/m3			01/07/14 03:17	1
Styrene	ND		0.34		ug/m3			01/07/14 03:17	1
t-Butyl alcohol	**1.3**		0.97		ug/m3			01/07/14 03:17	1

Client Sample ID: B01-SS1-20131220

Lab Sample ID: 140-677-8

Date Collected: 12/20/13 17:35

Matrix: Air

Date Received: 01/02/14 09:00

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**740**	**E**	0.54		ug/m3			01/07/14 03:17	1
Toluene	**5.1**		0.45		ug/m3			01/07/14 03:17	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			01/07/14 03:17	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			01/07/14 03:17	1
Trichloroethene	**5.1**		0.21		ug/m3			01/07/14 03:17	1
Trichlorofluoromethane	**3.0**		0.45		ug/m3			01/07/14 03:17	1
Vinyl chloride	ND		0.20		ug/m3			01/07/14 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*60 - 140*		*01/07/14 03:17*	*1*

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**470**		4.0		ppb v/v			01/09/14 19:56	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**3200**		27		ug/m3			01/09/14 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*60 - 140*		*01/09/14 19:56*	*1*

Client Sample ID: B01-OA1-20131220

Lab Sample ID: 140-677-9

Date Collected: 12/20/13 18:10

Matrix: Air

Date Received: 01/02/14 09:00

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			01/06/14 18:59	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			01/06/14 18:59	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			01/06/14 18:59	1
1,1,2-Trichlorotrifluoroethane	**0.086**		0.080		ppb v/v			01/06/14 18:59	1
1,1-Dichloroethane	ND		0.080		ppb v/v			01/06/14 18:59	1
1,1-Dichloroethene	ND		0.080		ppb v/v			01/06/14 18:59	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			01/06/14 18:59	1
1,2,4-Trimethylbenzene	**0.098**		0.080		ppb v/v			01/06/14 18:59	1
1,2-Dibromoethane	ND		0.080		ppb v/v			01/06/14 18:59	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 18:59	1
1,2-Dichloroethane	ND		0.080		ppb v/v			01/06/14 18:59	1
1,2-Dichloropropane	ND		0.080		ppb v/v			01/06/14 18:59	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			01/06/14 18:59	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			01/06/14 18:59	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 18:59	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 18:59	1
1,4-Dioxane	ND		0.20		ppb v/v			01/06/14 18:59	1
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			01/06/14 18:59	1
2-Butanone	**0.59**		0.32		ppb v/v			01/06/14 18:59	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			01/06/14 18:59	1
Benzene	**0.38**		0.080		ppb v/v			01/06/14 18:59	1
Benzyl chloride	ND		0.16		ppb v/v			01/06/14 18:59	1

Client Sample ID: B01-OA1-20131220
Lab Sample ID: 140-677-9
Date Collected: 12/20/13 18:10
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		0.080		ppb v/v			01/06/14 18:59	1
Bromoform	ND		0.080		ppb v/v			01/06/14 18:59	1
Bromomethane	ND		0.080		ppb v/v			01/06/14 18:59	1
Carbon tetrachloride	**0.080**		0.040		ppb v/v			01/06/14 18:59	1
Chlorobenzene	ND		0.080		ppb v/v			01/06/14 18:59	1
Chloroethane	ND		0.080		ppb v/v			01/06/14 18:59	1
Chloroform	ND		0.080		ppb v/v			01/06/14 18:59	1
Chloromethane	**0.53**		0.20		ppb v/v			01/06/14 18:59	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			01/06/14 18:59	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			01/06/14 18:59	1
Cyclohexane	ND		0.20		ppb v/v			01/06/14 18:59	1
Dibromochloromethane	ND		0.080		ppb v/v			01/06/14 18:59	1
Dichlorodifluoromethane	**0.20**		0.080		ppb v/v			01/06/14 18:59	1
Ethanol	**8.4**		0.80		ppb v/v			01/06/14 18:59	1
Ethylbenzene	**0.10**		0.080		ppb v/v			01/06/14 18:59	1
Hexachlorobutadiene	ND		0.080		ppb v/v			01/06/14 18:59	1
Hexane	**0.24**		0.20		ppb v/v			01/06/14 18:59	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			01/06/14 18:59	1
Methylene Chloride	**0.34**		0.20		ppb v/v			01/06/14 18:59	1
m-Xylene & p-Xylene	**0.31**		0.080		ppb v/v			01/06/14 18:59	1
o-Xylene	**0.13**		0.080		ppb v/v			01/06/14 18:59	1
Styrene	ND		0.080		ppb v/v			01/06/14 18:59	1
t-Butyl alcohol	ND		0.32		ppb v/v			01/06/14 18:59	1
Tetrachloroethene	ND		0.080		ppb v/v			01/06/14 18:59	1
Toluene	**0.55**		0.12		ppb v/v			01/06/14 18:59	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			01/06/14 18:59	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			01/06/14 18:59	1
Trichloroethene	ND		0.040		ppb v/v			01/06/14 18:59	1
Trichlorofluoromethane	**0.22**		0.080		ppb v/v			01/06/14 18:59	1
Vinyl chloride	ND		0.080		ppb v/v			01/06/14 18:59	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			01/06/14 18:59	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			01/06/14 18:59	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			01/06/14 18:59	1
1,1,2-Trichlorotrifluoroethane	**0.66**		0.61		ug/m3			01/06/14 18:59	1
1,1-Dichloroethane	ND		0.32		ug/m3			01/06/14 18:59	1
1,1-Dichloroethene	ND		0.32		ug/m3			01/06/14 18:59	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			01/06/14 18:59	1
1,2,4-Trimethylbenzene	**0.48**		0.39		ug/m3			01/06/14 18:59	1
1,2-Dibromoethane	ND		0.61		ug/m3			01/06/14 18:59	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 18:59	1
1,2-Dichloroethane	ND		0.32		ug/m3			01/06/14 18:59	1
1,2-Dichloropropane	ND		0.37		ug/m3			01/06/14 18:59	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			01/06/14 18:59	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			01/06/14 18:59	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 18:59	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 18:59	1
1,4-Dioxane	ND		0.72		ug/m3			01/06/14 18:59	1

Client Sample ID: B01-OA1-20131220

Lab Sample ID: 140-677-9

Date Collected: 12/20/13 18:10

Matrix: Air

Date Received: 01/02/14 09:00

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2,4-Trimethylpentane	ND		0.93		ug/m3			01/06/14 18:59	1
2-Butanone	**1.7**		0.94		ug/m3			01/06/14 18:59	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			01/06/14 18:59	1
Benzene	**1.2**		0.26		ug/m3			01/06/14 18:59	1
Benzyl chloride	ND		0.83		ug/m3			01/06/14 18:59	1
Bromodichloromethane	ND		0.54		ug/m3			01/06/14 18:59	1
Bromoform	ND		0.83		ug/m3			01/06/14 18:59	1
Bromomethane	ND		0.31		ug/m3			01/06/14 18:59	1
Carbon tetrachloride	**0.50**		0.25		ug/m3			01/06/14 18:59	1
Chlorobenzene	ND		0.37		ug/m3			01/06/14 18:59	1
Chloroethane	ND		0.21		ug/m3			01/06/14 18:59	1
Chloroform	ND		0.39		ug/m3			01/06/14 18:59	1
Chloromethane	**1.1**		0.41		ug/m3			01/06/14 18:59	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			01/06/14 18:59	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			01/06/14 18:59	1
Cyclohexane	ND		0.69		ug/m3			01/06/14 18:59	1
Dibromochloromethane	ND		0.68		ug/m3			01/06/14 18:59	1
Dichlorodifluoromethane	**1.0**		0.40		ug/m3			01/06/14 18:59	1
Ethanol	**16**		1.5		ug/m3			01/06/14 18:59	1
Ethylbenzene	**0.44**		0.35		ug/m3			01/06/14 18:59	1
Hexachlorobutadiene	ND		0.85		ug/m3			01/06/14 18:59	1
Hexane	**0.84**		0.70		ug/m3			01/06/14 18:59	1
Methyl tert-butyl ether	ND		0.58		ug/m3			01/06/14 18:59	1
Methylene Chloride	**1.2**		0.69		ug/m3			01/06/14 18:59	1
m-Xylene & p-Xylene	**1.4**		0.35		ug/m3			01/06/14 18:59	1
o-Xylene	**0.56**		0.35		ug/m3			01/06/14 18:59	1
Styrene	ND		0.34		ug/m3			01/06/14 18:59	1
t-Butyl alcohol	ND		0.97		ug/m3			01/06/14 18:59	1
Tetrachloroethene	ND		0.54		ug/m3			01/06/14 18:59	1
Toluene	**2.1**		0.45		ug/m3			01/06/14 18:59	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			01/06/14 18:59	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			01/06/14 18:59	1
Trichloroethene	ND		0.21		ug/m3			01/06/14 18:59	1
Trichlorofluoromethane	**1.2**		0.45		ug/m3			01/06/14 18:59	1
Vinyl chloride	ND		0.20		ug/m3			01/06/14 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*60 - 140*		*01/06/14 18:59*	*1*

Client Sample ID: B01-IA5-20131220

Lab Sample ID: 140-677-10

Date Collected: 12/20/13 18:15

Matrix: Air

Date Received: 01/02/14 09:00

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			01/06/14 23:44	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			01/06/14 23:44	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			01/06/14 23:44	1

Client Sample ID: B01-IA5-20131220
Lab Sample ID: 140-677-10
Date Collected: 12/20/13 18:15
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane	**0.090**		0.080		ppb v/v			01/06/14 23:44	1
1,1-Dichloroethane	ND		0.080		ppb v/v			01/06/14 23:44	1
1,1-Dichloroethene	ND		0.080		ppb v/v			01/06/14 23:44	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			01/06/14 23:44	1
1,2,4-Trimethylbenzene	**0.26**		0.080		ppb v/v			01/06/14 23:44	1
1,2-Dibromoethane	ND		0.080		ppb v/v			01/06/14 23:44	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 23:44	1
1,2-Dichloroethane	ND		0.080		ppb v/v			01/06/14 23:44	1
1,2-Dichloropropane	ND		0.080		ppb v/v			01/06/14 23:44	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			01/06/14 23:44	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			01/06/14 23:44	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 23:44	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			01/06/14 23:44	1
1,4-Dioxane	ND		0.20		ppb v/v			01/06/14 23:44	1
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			01/06/14 23:44	1
2-Butanone	**0.65**		0.32		ppb v/v			01/06/14 23:44	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			01/06/14 23:44	1
Benzene	**0.83**		0.080		ppb v/v			01/06/14 23:44	1
Benzyl chloride	ND		0.16		ppb v/v			01/06/14 23:44	1
Bromodichloromethane	ND		0.080		ppb v/v			01/06/14 23:44	1
Bromoform	ND		0.080		ppb v/v			01/06/14 23:44	1
Bromomethane	ND		0.080		ppb v/v			01/06/14 23:44	1
Carbon tetrachloride	**0.081**		0.040		ppb v/v			01/06/14 23:44	1
Chlorobenzene	ND		0.080		ppb v/v			01/06/14 23:44	1
Chloroethane	**0.12**		0.080		ppb v/v			01/06/14 23:44	1
Chloroform	**0.10**		0.080		ppb v/v			01/06/14 23:44	1
Chloromethane	**0.73**		0.20		ppb v/v			01/06/14 23:44	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			01/06/14 23:44	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			01/06/14 23:44	1
Cyclohexane	ND		0.20		ppb v/v			01/06/14 23:44	1
Dibromochloromethane	ND		0.080		ppb v/v			01/06/14 23:44	1
Dichlorodifluoromethane	**0.34**		0.080		ppb v/v			01/06/14 23:44	1
Ethanol	**220**	**E**	0.80		ppb v/v			01/06/14 23:44	1
Ethylbenzene	**0.12**		0.080		ppb v/v			01/06/14 23:44	1
Hexachlorobutadiene	ND		0.080		ppb v/v			01/06/14 23:44	1
Hexane	**0.32**		0.20		ppb v/v			01/06/14 23:44	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			01/06/14 23:44	1
Methylene Chloride	**0.48**		0.20		ppb v/v			01/06/14 23:44	1
m-Xylene & p-Xylene	**0.36**		0.080		ppb v/v			01/06/14 23:44	1
o-Xylene	**0.15**		0.080		ppb v/v			01/06/14 23:44	1
Styrene	ND		0.080		ppb v/v			01/06/14 23:44	1
t-Butyl alcohol	ND		0.32		ppb v/v			01/06/14 23:44	1
Tetrachloroethene	**0.14**		0.080		ppb v/v			01/06/14 23:44	1
Toluene	**0.77**		0.12		ppb v/v			01/06/14 23:44	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			01/06/14 23:44	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			01/06/14 23:44	1
Trichloroethene	ND		0.040		ppb v/v			01/06/14 23:44	1
Trichlorofluoromethane	**0.37**		0.080		ppb v/v			01/06/14 23:44	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107 (AECOM)

TestAmerica Job ID: 140-677-1

Client Sample ID: B01-IA5-20131220
Date Collected: 12/20/13 18:15
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Lab Sample ID: 140-677-10
Matrix: Air

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.080		ppb v/v			01/06/14 23:44	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			01/06/14 23:44	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			01/06/14 23:44	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			01/06/14 23:44	1
1,1,2-Trichlorotrifluoroethane	**0.69**		0.61		ug/m3			01/06/14 23:44	1
1,1-Dichloroethane	ND		0.32		ug/m3			01/06/14 23:44	1
1,1-Dichloroethene	ND		0.32		ug/m3			01/06/14 23:44	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			01/06/14 23:44	1
1,2,4-Trimethylbenzene	**1.3**		0.39		ug/m3			01/06/14 23:44	1
1,2-Dibromoethane	ND		0.61		ug/m3			01/06/14 23:44	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 23:44	1
1,2-Dichloroethane	ND		0.32		ug/m3			01/06/14 23:44	1
1,2-Dichloropropane	ND		0.37		ug/m3			01/06/14 23:44	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			01/06/14 23:44	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			01/06/14 23:44	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 23:44	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			01/06/14 23:44	1
1,4-Dioxane	ND		0.72		ug/m3			01/06/14 23:44	1
2,2,4-Trimethylpentane	ND		0.93		ug/m3			01/06/14 23:44	1
2-Butanone	**1.9**		0.94		ug/m3			01/06/14 23:44	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			01/06/14 23:44	1
Benzene	**2.7**		0.26		ug/m3			01/06/14 23:44	1
Benzyl chloride	ND		0.83		ug/m3			01/06/14 23:44	1
Bromodichloromethane	ND		0.54		ug/m3			01/06/14 23:44	1
Bromoform	ND		0.83		ug/m3			01/06/14 23:44	1
Bromomethane	ND		0.31		ug/m3			01/06/14 23:44	1
Carbon tetrachloride	**0.51**		0.25		ug/m3			01/06/14 23:44	1
Chlorobenzene	ND		0.37		ug/m3			01/06/14 23:44	1
Chloroethane	**0.33**		0.21		ug/m3			01/06/14 23:44	1
Chloroform	**0.49**		0.39		ug/m3			01/06/14 23:44	1
Chloromethane	**1.5**		0.41		ug/m3			01/06/14 23:44	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			01/06/14 23:44	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			01/06/14 23:44	1
Cyclohexane	ND		0.69		ug/m3			01/06/14 23:44	1
Dibromochloromethane	ND		0.68		ug/m3			01/06/14 23:44	1
Dichlorodifluoromethane	**1.7**		0.40		ug/m3			01/06/14 23:44	1
Ethanol	**420**	**E**	1.5		ug/m3			01/06/14 23:44	1
Ethylbenzene	**0.53**		0.35		ug/m3			01/06/14 23:44	1
Hexachlorobutadiene	ND		0.85		ug/m3			01/06/14 23:44	1
Hexane	**1.1**		0.70		ug/m3			01/06/14 23:44	1
Methyl tert-butyl ether	ND		0.58		ug/m3			01/06/14 23:44	1
Methylene Chloride	**1.7**		0.69		ug/m3			01/06/14 23:44	1
m-Xylene & p-Xylene	**1.6**		0.35		ug/m3			01/06/14 23:44	1
o-Xylene	**0.64**		0.35		ug/m3			01/06/14 23:44	1
Styrene	ND		0.34		ug/m3			01/06/14 23:44	1
t-Butyl alcohol	ND		0.97		ug/m3			01/06/14 23:44	1
Tetrachloroethene	**0.95**		0.54		ug/m3			01/06/14 23:44	1

Client Sample ID: B01-IA5-20131220

Lab Sample ID: 140-677-10

Date Collected: 12/20/13 18:15
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	**2.9**		0.45		ug/m3			01/06/14 23:44	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			01/06/14 23:44	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			01/06/14 23:44	1
Trichloroethene	ND		0.21		ug/m3			01/06/14 23:44	1
Trichlorofluoromethane	**2.1**		0.45		ug/m3			01/06/14 23:44	1
Vinyl chloride	ND		0.20		ug/m3			01/06/14 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*60 - 140*		*01/06/14 23:44*	*1*

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	**160**		8.0		ppb v/v			01/10/14 10:45	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	**310**		15		ug/m3			01/10/14 10:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*60 - 140*		*01/10/14 10:45*	*1*

Client Sample ID: B01-SS5-20131220

Lab Sample ID: 140-677-11

Date Collected: 12/20/13 18:13
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			01/07/14 04:10	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			01/07/14 04:10	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			01/07/14 04:10	1
1,1,2-Trichlorotrifluoroethane	**0.088**		0.080		ppb v/v			01/07/14 04:10	1
1,1-Dichloroethane	ND		0.080		ppb v/v			01/07/14 04:10	1
1,1-Dichloroethene	ND		0.080		ppb v/v			01/07/14 04:10	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			01/07/14 04:10	1
1,2,4-Trimethylbenzene	**1.0**		0.080		ppb v/v			01/07/14 04:10	1
1,2-Dibromoethane	ND		0.080		ppb v/v			01/07/14 04:10	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			01/07/14 04:10	1
1,2-Dichloroethane	ND		0.080		ppb v/v			01/07/14 04:10	1
1,2-Dichloropropane	ND		0.080		ppb v/v			01/07/14 04:10	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			01/07/14 04:10	1
1,3,5-Trimethylbenzene	**0.24**		0.080		ppb v/v			01/07/14 04:10	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			01/07/14 04:10	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			01/07/14 04:10	1
1,4-Dioxane	ND		0.20		ppb v/v			01/07/14 04:10	1
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			01/07/14 04:10	1
2-Butanone	**1.1**		0.32		ppb v/v			01/07/14 04:10	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			01/07/14 04:10	1
Benzene	**0.44**		0.080		ppb v/v			01/07/14 04:10	1
Benzyl chloride	ND		0.16		ppb v/v			01/07/14 04:10	1
Bromodichloromethane	ND		0.080		ppb v/v			01/07/14 04:10	1

Client Sample ID: B01-SS5-20131220
Lab Sample ID: 140-677-11
Date Collected: 12/20/13 18:13
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.080		ppb v/v			01/07/14 04:10	1
Bromomethane	ND		0.080		ppb v/v			01/07/14 04:10	1
Carbon tetrachloride	ND		0.040		ppb v/v			01/07/14 04:10	1
Chlorobenzene	ND		0.080		ppb v/v			01/07/14 04:10	1
Chloroethane	ND		0.080		ppb v/v			01/07/14 04:10	1
Chloroform	**0.099**		0.080		ppb v/v			01/07/14 04:10	1
Chloromethane	ND		0.20		ppb v/v			01/07/14 04:10	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			01/07/14 04:10	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			01/07/14 04:10	1
Cyclohexane	ND		0.20		ppb v/v			01/07/14 04:10	1
Dibromochloromethane	ND		0.080		ppb v/v			01/07/14 04:10	1
Dichlorodifluoromethane	**3.1**		0.080		ppb v/v			01/07/14 04:10	1
Ethanol	**7.9**		0.80		ppb v/v			01/07/14 04:10	1
Ethylbenzene	**2.3**		0.080		ppb v/v			01/07/14 04:10	1
Hexachlorobutadiene	ND		0.080		ppb v/v			01/07/14 04:10	1
Hexane	**0.48**		0.20		ppb v/v			01/07/14 04:10	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			01/07/14 04:10	1
Methylene Chloride	**2.0**		0.20		ppb v/v			01/07/14 04:10	1
m-Xylene & p-Xylene	**9.8**		0.080		ppb v/v			01/07/14 04:10	1
o-Xylene	**2.4**		0.080		ppb v/v			01/07/14 04:10	1
Styrene	ND		0.080		ppb v/v			01/07/14 04:10	1
t-Butyl alcohol	**0.44**		0.32		ppb v/v			01/07/14 04:10	1
Tetrachloroethene	**100**	**E**	0.080		ppb v/v			01/07/14 04:10	1
Toluene	**3.6**		0.12		ppb v/v			01/07/14 04:10	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			01/07/14 04:10	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			01/07/14 04:10	1
Trichloroethene	**0.66**		0.040		ppb v/v			01/07/14 04:10	1
Trichlorofluoromethane	**1.1**		0.080		ppb v/v			01/07/14 04:10	1
Vinyl chloride	ND		0.080		ppb v/v			01/07/14 04:10	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			01/07/14 04:10	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			01/07/14 04:10	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			01/07/14 04:10	1
1,1,2-Trichlorotrifluoroethane	**0.68**		0.61		ug/m3			01/07/14 04:10	1
1,1-Dichloroethane	ND		0.32		ug/m3			01/07/14 04:10	1
1,1-Dichloroethene	ND		0.32		ug/m3			01/07/14 04:10	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			01/07/14 04:10	1
1,2,4-Trimethylbenzene	**4.9**		0.39		ug/m3			01/07/14 04:10	1
1,2-Dibromoethane	ND		0.61		ug/m3			01/07/14 04:10	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			01/07/14 04:10	1
1,2-Dichloroethane	ND		0.32		ug/m3			01/07/14 04:10	1
1,2-Dichloropropane	ND		0.37		ug/m3			01/07/14 04:10	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			01/07/14 04:10	1
1,3,5-Trimethylbenzene	**1.2**		0.39		ug/m3			01/07/14 04:10	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			01/07/14 04:10	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			01/07/14 04:10	1
1,4-Dioxane	ND		0.72		ug/m3			01/07/14 04:10	1
2,2,4-Trimethylpentane	ND		0.93		ug/m3			01/07/14 04:10	1

Client Sample ID: B01-SS5-20131220
Lab Sample ID: 140-677-11
Date Collected: 12/20/13 18:13
Matrix: Air
Date Received: 01/02/14 09:00
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	**3.3**		0.94		ug/m3			01/07/14 04:10	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			01/07/14 04:10	1
Benzene	**1.4**		0.26		ug/m3			01/07/14 04:10	1
Benzyl chloride	ND		0.83		ug/m3			01/07/14 04:10	1
Bromodichloromethane	ND		0.54		ug/m3			01/07/14 04:10	1
Bromoform	ND		0.83		ug/m3			01/07/14 04:10	1
Bromomethane	ND		0.31		ug/m3			01/07/14 04:10	1
Carbon tetrachloride	ND		0.25		ug/m3			01/07/14 04:10	1
Chlorobenzene	ND		0.37		ug/m3			01/07/14 04:10	1
Chloroethane	ND		0.21		ug/m3			01/07/14 04:10	1
Chloroform	**0.48**		0.39		ug/m3			01/07/14 04:10	1
Chloromethane	ND		0.41		ug/m3			01/07/14 04:10	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			01/07/14 04:10	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			01/07/14 04:10	1
Cyclohexane	ND		0.69		ug/m3			01/07/14 04:10	1
Dibromochloromethane	ND		0.68		ug/m3			01/07/14 04:10	1
Dichlorodifluoromethane	**16**		0.40		ug/m3			01/07/14 04:10	1
Ethanol	**15**		1.5		ug/m3			01/07/14 04:10	1
Ethylbenzene	**10**		0.35		ug/m3			01/07/14 04:10	1
Hexachlorobutadiene	ND		0.85		ug/m3			01/07/14 04:10	1
Hexane	**1.7**		0.70		ug/m3			01/07/14 04:10	1
Methyl tert-butyl ether	ND		0.58		ug/m3			01/07/14 04:10	1
Methylene Chloride	**6.9**		0.69		ug/m3			01/07/14 04:10	1
m-Xylene & p-Xylene	**43**		0.35		ug/m3			01/07/14 04:10	1
o-Xylene	**11**		0.35		ug/m3			01/07/14 04:10	1
Styrene	ND		0.34		ug/m3			01/07/14 04:10	1
t-Butyl alcohol	**1.3**		0.97		ug/m3			01/07/14 04:10	1
Tetrachloroethene	**690**	**E**	0.54		ug/m3			01/07/14 04:10	1
Toluene	**14**		0.45		ug/m3			01/07/14 04:10	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			01/07/14 04:10	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			01/07/14 04:10	1
Trichloroethene	**3.6**		0.21		ug/m3			01/07/14 04:10	1
Trichlorofluoromethane	**5.9**		0.45		ug/m3			01/07/14 04:10	1
Vinyl chloride	ND		0.20		ug/m3			01/07/14 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*60 - 140*		*01/07/14 04:10*	*1*

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**210**		4.0		ppb v/v			01/09/14 22:19	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**1500**		27		ug/m3			01/09/14 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*60 - 140*		*01/09/14 22:19*	*1*

Client Sample ID: B04-OA1-20140114
Lab Sample ID: 140-757-1
Date Collected: 01/15/14 11:30
Matrix: Air
Date Received: 01/20/14 10:20
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			01/23/14 04:20	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			01/23/14 04:20	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			01/23/14 04:20	1
1,1,2-Trichlorotrifluoroethane	**0.085**		0.080		ppb v/v			01/23/14 04:20	1
1,1-Dichloroethane	ND		0.080		ppb v/v			01/23/14 04:20	1
1,1-Dichloroethene	ND		0.080		ppb v/v			01/23/14 04:20	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			01/23/14 04:20	1
1,2,4-Trimethylbenzene	**0.15**		0.080		ppb v/v			01/23/14 04:20	1
1,2-Dibromoethane	ND		0.080		ppb v/v			01/23/14 04:20	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			01/23/14 04:20	1
1,2-Dichloroethane	ND		0.080		ppb v/v			01/23/14 04:20	1
1,2-Dichloropropane	ND		0.080		ppb v/v			01/23/14 04:20	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			01/23/14 04:20	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			01/23/14 04:20	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			01/23/14 04:20	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			01/23/14 04:20	1
1,4-Dioxane	ND		0.20		ppb v/v			01/23/14 04:20	1
2,2,4-Trimethylpentane	**0.21**		0.20		ppb v/v			01/23/14 04:20	1
2-Butanone	**0.32**		0.32		ppb v/v			01/23/14 04:20	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			01/23/14 04:20	1
Benzene	**0.40**		0.080		ppb v/v			01/23/14 04:20	1
Benzyl chloride	ND		0.16		ppb v/v			01/23/14 04:20	1
Bromodichloromethane	ND		0.080		ppb v/v			01/23/14 04:20	1
Bromoform	ND		0.080		ppb v/v			01/23/14 04:20	1
Bromomethane	ND		0.080		ppb v/v			01/23/14 04:20	1
Carbon tetrachloride	**0.10**		0.040		ppb v/v			01/23/14 04:20	1
Chlorobenzene	ND		0.080		ppb v/v			01/23/14 04:20	1
Chloroethane	ND		0.080		ppb v/v			01/23/14 04:20	1
Chloroform	ND		0.080		ppb v/v			01/23/14 04:20	1
Chloromethane	**0.78**		0.20		ppb v/v			01/23/14 04:20	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			01/23/14 04:20	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			01/23/14 04:20	1
Cyclohexane	ND		0.20		ppb v/v			01/23/14 04:20	1
Dibromochloromethane	ND		0.080		ppb v/v			01/23/14 04:20	1
Dichlorodifluoromethane	**0.42**		0.080		ppb v/v			01/23/14 04:20	1
Ethanol	**19**		0.80		ppb v/v			01/23/14 04:20	1
Ethylbenzene	**0.14**		0.080		ppb v/v			01/23/14 04:20	1
Hexachlorobutadiene	ND		0.080		ppb v/v			01/23/14 04:20	1
Hexane	**0.33**		0.20		ppb v/v			01/23/14 04:20	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			01/23/14 04:20	1
Methylene Chloride	**0.33**		0.20		ppb v/v			01/23/14 04:20	1
m-Xylene & p-Xylene	**0.46**		0.080		ppb v/v			01/23/14 04:20	1
o-Xylene	**0.17**		0.080		ppb v/v			01/23/14 04:20	1
Styrene	ND		0.080		ppb v/v			01/23/14 04:20	1
t-Butyl alcohol	ND		0.32		ppb v/v			01/23/14 04:20	1
Tetrachloroethene	**0.084**		0.080		ppb v/v			01/23/14 04:20	1
Toluene	**0.81**		0.12		ppb v/v			01/23/14 04:20	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			01/23/14 04:20	1

Client Sample ID: B04-OA1-20140114
Date Collected: 01/15/14 11:30
Date Received: 01/20/14 10:20
Sample Container: Summa Canister 6L

Lab Sample ID: 140-757-1
Matrix: Air

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			01/23/14 04:20	1
Trichloroethene	ND		0.040		ppb v/v			01/23/14 04:20	1
Trichlorofluoromethane	**0.23**		0.080		ppb v/v			01/23/14 04:20	1
Vinyl chloride	ND		0.080		ppb v/v			01/23/14 04:20	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			01/23/14 04:20	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			01/23/14 04:20	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			01/23/14 04:20	1
1,1,2-Trichlorotrifluoroethane	**0.65**		0.61		ug/m3			01/23/14 04:20	1
1,1-Dichloroethane	ND		0.32		ug/m3			01/23/14 04:20	1
1,1-Dichloroethene	ND		0.32		ug/m3			01/23/14 04:20	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			01/23/14 04:20	1
1,2,4-Trimethylbenzene	**0.75**		0.39		ug/m3			01/23/14 04:20	1
1,2-Dibromoethane	ND		0.61		ug/m3			01/23/14 04:20	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			01/23/14 04:20	1
1,2-Dichloroethane	ND		0.32		ug/m3			01/23/14 04:20	1
1,2-Dichloropropane	ND		0.37		ug/m3			01/23/14 04:20	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			01/23/14 04:20	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			01/23/14 04:20	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			01/23/14 04:20	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			01/23/14 04:20	1
1,4-Dioxane	ND		0.72		ug/m3			01/23/14 04:20	1
2,2,4-Trimethylpentane	**0.96**		0.93		ug/m3			01/23/14 04:20	1
2-Butanone	**0.95**		0.94		ug/m3			01/23/14 04:20	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			01/23/14 04:20	1
Benzene	**1.3**		0.26		ug/m3			01/23/14 04:20	1
Benzyl chloride	ND		0.83		ug/m3			01/23/14 04:20	1
Bromodichloromethane	ND		0.54		ug/m3			01/23/14 04:20	1
Bromoform	ND		0.83		ug/m3			01/23/14 04:20	1
Bromomethane	ND		0.31		ug/m3			01/23/14 04:20	1
Carbon tetrachloride	**0.63**		0.25		ug/m3			01/23/14 04:20	1
Chlorobenzene	ND		0.37		ug/m3			01/23/14 04:20	1
Chloroethane	ND		0.21		ug/m3			01/23/14 04:20	1
Chloroform	ND		0.39		ug/m3			01/23/14 04:20	1
Chloromethane	**1.6**		0.41		ug/m3			01/23/14 04:20	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			01/23/14 04:20	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			01/23/14 04:20	1
Cyclohexane	ND		0.69		ug/m3			01/23/14 04:20	1
Dibromochloromethane	ND		0.68		ug/m3			01/23/14 04:20	1
Dichlorodifluoromethane	**2.1**		0.40		ug/m3			01/23/14 04:20	1
Ethanol	**36**		1.5		ug/m3			01/23/14 04:20	1
Ethylbenzene	**0.62**		0.35		ug/m3			01/23/14 04:20	1
Hexachlorobutadiene	ND		0.85		ug/m3			01/23/14 04:20	1
Hexane	**1.2**		0.70		ug/m3			01/23/14 04:20	1
Methyl tert-butyl ether	ND		0.58		ug/m3			01/23/14 04:20	1
Methylene Chloride	**1.1**		0.69		ug/m3			01/23/14 04:20	1
m-Xylene & p-Xylene	**2.0**		0.35		ug/m3			01/23/14 04:20	1
o-Xylene	**0.74**		0.35		ug/m3			01/23/14 04:20	1

Client Sample ID: B04-OA1-20140114

Lab Sample ID: 140-757-1

Date Collected: 01/15/14 11:30

Matrix: Air

Date Received: 01/20/14 10:20

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.34		ug/m3			01/23/14 04:20	1
t-Butyl alcohol	ND		0.97		ug/m3			01/23/14 04:20	1
Tetrachloroethene	**0.57**		0.54		ug/m3			01/23/14 04:20	1
Toluene	**3.1**		0.45		ug/m3			01/23/14 04:20	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			01/23/14 04:20	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			01/23/14 04:20	1
Trichloroethene	ND		0.21		ug/m3			01/23/14 04:20	1
Trichlorofluoromethane	**1.3**		0.45		ug/m3			01/23/14 04:20	1
Vinyl chloride	ND		0.20		ug/m3			01/23/14 04:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*60 - 140*		*01/23/14 04:20*	*1*

Client Sample ID: B04-IA1-20140114

Lab Sample ID: 140-757-2

Date Collected: 01/15/14 11:35

Matrix: Air

Date Received: 01/20/14 10:20

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			01/23/14 05:14	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			01/23/14 05:14	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			01/23/14 05:14	1
1,1,2-Trichlorotrifluoroethane	**0.086**		0.080		ppb v/v			01/23/14 05:14	1
1,1-Dichloroethane	ND		0.080		ppb v/v			01/23/14 05:14	1
1,1-Dichloroethene	ND		0.080		ppb v/v			01/23/14 05:14	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			01/23/14 05:14	1
1,2,4-Trimethylbenzene	**0.14**		0.080		ppb v/v			01/23/14 05:14	1
1,2-Dibromoethane	ND		0.080		ppb v/v			01/23/14 05:14	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			01/23/14 05:14	1
1,2-Dichloroethane	**0.24**		0.080		ppb v/v			01/23/14 05:14	1
1,2-Dichloropropane	ND		0.080		ppb v/v			01/23/14 05:14	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			01/23/14 05:14	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			01/23/14 05:14	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			01/23/14 05:14	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			01/23/14 05:14	1
1,4-Dioxane	ND		0.20		ppb v/v			01/23/14 05:14	1
2,2,4-Trimethylpentane	**1.5**		0.20		ppb v/v			01/23/14 05:14	1
2-Butanone	**1.1**		0.32		ppb v/v			01/23/14 05:14	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			01/23/14 05:14	1
Benzene	**0.32**		0.080		ppb v/v			01/23/14 05:14	1
Benzyl chloride	ND		0.16		ppb v/v			01/23/14 05:14	1
Bromodichloromethane	ND		0.080		ppb v/v			01/23/14 05:14	1
Bromoform	ND		0.080		ppb v/v			01/23/14 05:14	1
Bromomethane	ND		0.080		ppb v/v			01/23/14 05:14	1
Carbon tetrachloride	**0.18**		0.040		ppb v/v			01/23/14 05:14	1
Chlorobenzene	ND		0.080		ppb v/v			01/23/14 05:14	1
Chloroethane	ND		0.080		ppb v/v			01/23/14 05:14	1
Chloroform	**0.67**		0.080		ppb v/v			01/23/14 05:14	1

Client Sample ID: B04-IA1-20140114
Lab Sample ID: 140-757-2
Date Collected: 01/15/14 11:35
Matrix: Air
Date Received: 01/20/14 10:20
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	**0.89**		0.20		ppb v/v			01/23/14 05:14	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			01/23/14 05:14	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			01/23/14 05:14	1
Cyclohexane	ND		0.20		ppb v/v			01/23/14 05:14	1
Dibromochloromethane	ND		0.080		ppb v/v			01/23/14 05:14	1
Dichlorodifluoromethane	**0.40**		0.080		ppb v/v			01/23/14 05:14	1
Ethanol	**710**	**E**	0.80		ppb v/v			01/23/14 05:14	1
Ethylbenzene	**0.12**		0.080		ppb v/v			01/23/14 05:14	1
Hexachlorobutadiene	ND		0.080		ppb v/v			01/23/14 05:14	1
Hexane	**0.31**		0.20		ppb v/v			01/23/14 05:14	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			01/23/14 05:14	1
Methylene Chloride	**0.41**		0.20		ppb v/v			01/23/14 05:14	1
m-Xylene & p-Xylene	**0.42**		0.080		ppb v/v			01/23/14 05:14	1
o-Xylene	**0.13**		0.080		ppb v/v			01/23/14 05:14	1
Styrene	ND		0.080		ppb v/v			01/23/14 05:14	1
t-Butyl alcohol	**0.51**		0.32		ppb v/v			01/23/14 05:14	1
Tetrachloroethene	**0.090**		0.080		ppb v/v			01/23/14 05:14	1
Toluene	**0.90**		0.12		ppb v/v			01/23/14 05:14	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			01/23/14 05:14	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			01/23/14 05:14	1
Trichloroethene	ND		0.040		ppb v/v			01/23/14 05:14	1
Trichlorofluoromethane	**0.23**		0.080		ppb v/v			01/23/14 05:14	1
Vinyl chloride	ND		0.080		ppb v/v			01/23/14 05:14	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			01/23/14 05:14	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			01/23/14 05:14	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			01/23/14 05:14	1
1,1,2-Trichlorotrifluoroethane	**0.66**		0.61		ug/m3			01/23/14 05:14	1
1,1-Dichloroethane	ND		0.32		ug/m3			01/23/14 05:14	1
1,1-Dichloroethene	ND		0.32		ug/m3			01/23/14 05:14	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			01/23/14 05:14	1
1,2,4-Trimethylbenzene	**0.69**		0.39		ug/m3			01/23/14 05:14	1
1,2-Dibromoethane	ND		0.61		ug/m3			01/23/14 05:14	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			01/23/14 05:14	1
1,2-Dichloroethane	**0.95**		0.32		ug/m3			01/23/14 05:14	1
1,2-Dichloropropane	ND		0.37		ug/m3			01/23/14 05:14	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			01/23/14 05:14	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			01/23/14 05:14	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			01/23/14 05:14	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			01/23/14 05:14	1
1,4-Dioxane	ND		0.72		ug/m3			01/23/14 05:14	1
2,2,4-Trimethylpentane	**7.2**		0.93		ug/m3			01/23/14 05:14	1
2-Butanone	**3.2**		0.94		ug/m3			01/23/14 05:14	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			01/23/14 05:14	1
Benzene	**1.0**		0.26		ug/m3			01/23/14 05:14	1
Benzyl chloride	ND		0.83		ug/m3			01/23/14 05:14	1
Bromodichloromethane	ND		0.54		ug/m3			01/23/14 05:14	1
Bromoform	ND		0.83		ug/m3			01/23/14 05:14	1

Client Sample ID: B04-IA1-20140114
Lab Sample ID: 140-757-2
Date Collected: 01/15/14 11:35
Matrix: Air
Date Received: 01/20/14 10:20
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		0.31		ug/m3			01/23/14 05:14	1
Carbon tetrachloride	**1.1**		0.25		ug/m3			01/23/14 05:14	1
Chlorobenzene	ND		0.37		ug/m3			01/23/14 05:14	1
Chloroethane	ND		0.21		ug/m3			01/23/14 05:14	1
Chloroform	**3.3**		0.39		ug/m3			01/23/14 05:14	1
Chloromethane	**1.8**		0.41		ug/m3			01/23/14 05:14	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			01/23/14 05:14	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			01/23/14 05:14	1
Cyclohexane	ND		0.69		ug/m3			01/23/14 05:14	1
Dibromochloromethane	ND		0.68		ug/m3			01/23/14 05:14	1
Dichlorodifluoromethane	**2.0**		0.40		ug/m3			01/23/14 05:14	1
Ethanol	**1300**	**E**	1.5		ug/m3			01/23/14 05:14	1
Ethylbenzene	**0.53**		0.35		ug/m3			01/23/14 05:14	1
Hexachlorobutadiene	ND		0.85		ug/m3			01/23/14 05:14	1
Hexane	**1.1**		0.70		ug/m3			01/23/14 05:14	1
Methyl tert-butyl ether	ND		0.58		ug/m3			01/23/14 05:14	1
Methylene Chloride	**1.4**		0.69		ug/m3			01/23/14 05:14	1
m-Xylene & p-Xylene	**1.8**		0.35		ug/m3			01/23/14 05:14	1
o-Xylene	**0.58**		0.35		ug/m3			01/23/14 05:14	1
Styrene	ND		0.34		ug/m3			01/23/14 05:14	1
t-Butyl alcohol	**1.5**		0.97		ug/m3			01/23/14 05:14	1
Tetrachloroethene	**0.61**		0.54		ug/m3			01/23/14 05:14	1
Toluene	**3.4**		0.45		ug/m3			01/23/14 05:14	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			01/23/14 05:14	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			01/23/14 05:14	1
Trichloroethene	ND		0.21		ug/m3			01/23/14 05:14	1
Trichlorofluoromethane	**1.3**		0.45		ug/m3			01/23/14 05:14	1
Vinyl chloride	ND		0.20		ug/m3			01/23/14 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*60 - 140*		*01/23/14 05:14*	*1*

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	**1100**		20		ppb v/v			01/24/14 03:38	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	**2000**		38		ug/m3			01/24/14 03:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*60 - 140*		*01/24/14 03:38*	*1*

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B03-SS1-20141215
Lab Sample ID: 140-2499-1
Date Collected: 12/16/14 10:40
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/29/14 17:47	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/29/14 17:47	1
1,2,4-Trimethylbenzene	**0.20**		0.080		ppb v/v			12/29/14 17:47	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 17:47	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/29/14 17:47	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 17:47	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 17:47	1
1,4-Dioxane	ND		0.20		ppb v/v			12/29/14 17:47	1
2,2,4-Trimethylpentane	**0.59**		0.20		ppb v/v			12/29/14 17:47	1
2-Butanone	**1.7**		0.32		ppb v/v			12/29/14 17:47	1
4-Methyl-2-pentanone (MIBK)	**0.37**		0.20		ppb v/v			12/29/14 17:47	1
Benzene	**0.93**		0.080		ppb v/v			12/29/14 17:47	1
Benzyl chloride	ND		0.16		ppb v/v			12/29/14 17:47	1
Bromodichloromethane	ND		0.080		ppb v/v			12/29/14 17:47	1
Bromoform	ND		0.080		ppb v/v			12/29/14 17:47	1
Bromomethane	ND		0.080		ppb v/v			12/29/14 17:47	1
Carbon tetrachloride	**0.097**		0.040		ppb v/v			12/29/14 17:47	1
Chlorobenzene	ND		0.080		ppb v/v			12/29/14 17:47	1
Chloroethane	ND		0.080		ppb v/v			12/29/14 17:47	1
Chloroform	ND		0.080		ppb v/v			12/29/14 17:47	1
Chloromethane	**0.55**		0.20		ppb v/v			12/29/14 17:47	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 17:47	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 17:47	1
Cyclohexane	**0.45**		0.20		ppb v/v			12/29/14 17:47	1
Dibromochloromethane	ND		0.080		ppb v/v			12/29/14 17:47	1
Dichlorodifluoromethane	**0.47**		0.080		ppb v/v			12/29/14 17:47	1
Ethanol	**24**		0.80		ppb v/v			12/29/14 17:47	1
Ethylbenzene	**0.27**		0.080		ppb v/v			12/29/14 17:47	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/29/14 17:47	1
Hexane	**1.1**		0.20		ppb v/v			12/29/14 17:47	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/29/14 17:47	1
Methylene Chloride	**0.43**		0.20		ppb v/v			12/29/14 17:47	1
m-Xylene & p-Xylene	**1.0**		0.080		ppb v/v			12/29/14 17:47	1
o-Xylene	**0.31**		0.080		ppb v/v			12/29/14 17:47	1
Styrene	ND		0.080		ppb v/v			12/29/14 17:47	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/29/14 17:47	1
Tetrachloroethene	**0.25**		0.080		ppb v/v			12/29/14 17:47	1
Toluene	**1.7**		0.12		ppb v/v			12/29/14 17:47	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 17:47	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B03-SS1-20141215
Date Collected: 12/16/14 10:40
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 140-2499-1
Matrix: Air

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 17:47	1
Trichloroethene	**0.081**		0.040		ppb v/v			12/29/14 17:47	1
Trichlorofluoromethane	**0.26**		0.080		ppb v/v			12/29/14 17:47	1
Vinyl chloride	ND		0.080		ppb v/v			12/29/14 17:47	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/29/14 17:47	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/29/14 17:47	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/29/14 17:47	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/29/14 17:47	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/29/14 17:47	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/29/14 17:47	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/29/14 17:47	1
1,2,4-Trimethylbenzene	**0.98**		0.39		ug/m3			12/29/14 17:47	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/29/14 17:47	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 17:47	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/29/14 17:47	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/29/14 17:47	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/29/14 17:47	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/29/14 17:47	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 17:47	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 17:47	1
1,4-Dioxane	ND		0.72		ug/m3			12/29/14 17:47	1
2,2,4-Trimethylpentane	**2.7**		0.93		ug/m3			12/29/14 17:47	1
2-Butanone	**4.9**		0.94		ug/m3			12/29/14 17:47	1
4-Methyl-2-pentanone (MIBK)	**1.5**		0.82		ug/m3			12/29/14 17:47	1
Benzene	**3.0**		0.26		ug/m3			12/29/14 17:47	1
Benzyl chloride	ND		0.83		ug/m3			12/29/14 17:47	1
Bromodichloromethane	ND		0.54		ug/m3			12/29/14 17:47	1
Bromoform	ND		0.83		ug/m3			12/29/14 17:47	1
Bromomethane	ND		0.31		ug/m3			12/29/14 17:47	1
Carbon tetrachloride	**0.61**		0.25		ug/m3			12/29/14 17:47	1
Chlorobenzene	ND		0.37		ug/m3			12/29/14 17:47	1
Chloroethane	ND		0.21		ug/m3			12/29/14 17:47	1
Chloroform	ND		0.39		ug/m3			12/29/14 17:47	1
Chloromethane	**1.1**		0.41		ug/m3			12/29/14 17:47	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 17:47	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 17:47	1
Cyclohexane	**1.5**		0.69		ug/m3			12/29/14 17:47	1
Dibromochloromethane	ND		0.68		ug/m3			12/29/14 17:47	1
Dichlorodifluoromethane	**2.3**		0.40		ug/m3			12/29/14 17:47	1
Ethanol	**46**		1.5		ug/m3			12/29/14 17:47	1
Ethylbenzene	**1.2**		0.35		ug/m3			12/29/14 17:47	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/29/14 17:47	1
Hexane	**4.0**		0.70		ug/m3			12/29/14 17:47	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/29/14 17:47	1
Methylene Chloride	**1.5**		0.69		ug/m3			12/29/14 17:47	1
m-Xylene & p-Xylene	**4.5**		0.35		ug/m3			12/29/14 17:47	1
o-Xylene	**1.3**		0.35		ug/m3			12/29/14 17:47	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B03-SS1-20141215

Lab Sample ID: 140-2499-1

Date Collected: 12/16/14 10:40
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.34		ug/m3			12/29/14 17:47	1
t-Butyl alcohol	ND		0.97		ug/m3			12/29/14 17:47	1
Tetrachloroethene	**1.7**		0.54		ug/m3			12/29/14 17:47	1
Toluene	**6.2**		0.45		ug/m3			12/29/14 17:47	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 17:47	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 17:47	1
Trichloroethene	**0.44**		0.21		ug/m3			12/29/14 17:47	1
Trichlorofluoromethane	**1.5**		0.45		ug/m3			12/29/14 17:47	1
Vinyl chloride	ND		0.20		ug/m3			12/29/14 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*60 - 140*		*12/29/14 17:47*	*1*

Client Sample ID: B03-IA1-20141215

Lab Sample ID: 140-2499-2

Date Collected: 12/16/14 10:38
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/29/14 18:36	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/29/14 18:36	1
1,2,4-Trimethylbenzene	**0.14**		0.080		ppb v/v			12/29/14 18:36	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 18:36	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/29/14 18:36	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 18:36	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 18:36	1
1,4-Dioxane	ND		0.20		ppb v/v			12/29/14 18:36	1
2,2,4-Trimethylpentane	**0.56**		0.20		ppb v/v			12/29/14 18:36	1
2-Butanone	**1.4**		0.32		ppb v/v			12/29/14 18:36	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			12/29/14 18:36	1
Benzene	**0.87**		0.080		ppb v/v			12/29/14 18:36	1
Benzyl chloride	ND		0.16		ppb v/v			12/29/14 18:36	1
Bromodichloromethane	ND		0.080		ppb v/v			12/29/14 18:36	1
Bromoform	ND		0.080		ppb v/v			12/29/14 18:36	1
Bromomethane	ND		0.080		ppb v/v			12/29/14 18:36	1
Carbon tetrachloride	**0.097**		0.040		ppb v/v			12/29/14 18:36	1
Chlorobenzene	ND		0.080		ppb v/v			12/29/14 18:36	1
Chloroethane	ND		0.080		ppb v/v			12/29/14 18:36	1
Chloroform	ND		0.080		ppb v/v			12/29/14 18:36	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B03-IA1-20141215
Lab Sample ID: 140-2499-2
Date Collected: 12/16/14 10:38
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	**0.56**		0.20		ppb v/v			12/29/14 18:36	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 18:36	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 18:36	1
Cyclohexane	**0.42**		0.20		ppb v/v			12/29/14 18:36	1
Dibromochloromethane	ND		0.080		ppb v/v			12/29/14 18:36	1
Dichlorodifluoromethane	**0.47**		0.080		ppb v/v			12/29/14 18:36	1
Ethanol	**36**		0.80		ppb v/v			12/29/14 18:36	1
Ethylbenzene	**0.22**		0.080		ppb v/v			12/29/14 18:36	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/29/14 18:36	1
Hexane	**1.1**		0.20		ppb v/v			12/29/14 18:36	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/29/14 18:36	1
Methylene Chloride	**0.61**		0.20		ppb v/v			12/29/14 18:36	1
m-Xylene & p-Xylene	**0.73**		0.080		ppb v/v			12/29/14 18:36	1
o-Xylene	**0.24**		0.080		ppb v/v			12/29/14 18:36	1
Styrene	ND		0.080		ppb v/v			12/29/14 18:36	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/29/14 18:36	1
Tetrachloroethene	**0.17**		0.080		ppb v/v			12/29/14 18:36	1
Toluene	**1.5**		0.12		ppb v/v			12/29/14 18:36	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 18:36	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 18:36	1
Trichloroethene	**0.059**		0.040		ppb v/v			12/29/14 18:36	1
Trichlorofluoromethane	**0.26**		0.080		ppb v/v			12/29/14 18:36	1
Vinyl chloride	ND		0.080		ppb v/v			12/29/14 18:36	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/29/14 18:36	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/29/14 18:36	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/29/14 18:36	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/29/14 18:36	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/29/14 18:36	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/29/14 18:36	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/29/14 18:36	1
1,2,4-Trimethylbenzene	**0.71**		0.39		ug/m3			12/29/14 18:36	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/29/14 18:36	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 18:36	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/29/14 18:36	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/29/14 18:36	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/29/14 18:36	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/29/14 18:36	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 18:36	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 18:36	1
1,4-Dioxane	ND		0.72		ug/m3			12/29/14 18:36	1
2,2,4-Trimethylpentane	**2.6**		0.93		ug/m3			12/29/14 18:36	1
2-Butanone	**4.3**		0.94		ug/m3			12/29/14 18:36	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			12/29/14 18:36	1
Benzene	**2.8**		0.26		ug/m3			12/29/14 18:36	1
Benzyl chloride	ND		0.83		ug/m3			12/29/14 18:36	1
Bromodichloromethane	ND		0.54		ug/m3			12/29/14 18:36	1
Bromoform	ND		0.83		ug/m3			12/29/14 18:36	1

Client Sample ID: B03-IA1-20141215

Lab Sample ID: 140-2499-2

Date Collected: 12/16/14 10:38

Matrix: Air

Date Received: 12/19/14 10:30

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		0.31		ug/m3			12/29/14 18:36	1
Carbon tetrachloride	**0.61**		0.25		ug/m3			12/29/14 18:36	1
Chlorobenzene	ND		0.37		ug/m3			12/29/14 18:36	1
Chloroethane	ND		0.21		ug/m3			12/29/14 18:36	1
Chloroform	ND		0.39		ug/m3			12/29/14 18:36	1
Chloromethane	**1.2**		0.41		ug/m3			12/29/14 18:36	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 18:36	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 18:36	1
Cyclohexane	**1.5**		0.69		ug/m3			12/29/14 18:36	1
Dibromochloromethane	ND		0.68		ug/m3			12/29/14 18:36	1
Dichlorodifluoromethane	**2.3**		0.40		ug/m3			12/29/14 18:36	1
Ethanol	**67**		1.5		ug/m3			12/29/14 18:36	1
Ethylbenzene	**0.94**		0.35		ug/m3			12/29/14 18:36	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/29/14 18:36	1
Hexane	**3.9**		0.70		ug/m3			12/29/14 18:36	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/29/14 18:36	1
Methylene Chloride	**2.1**		0.69		ug/m3			12/29/14 18:36	1
m-Xylene & p-Xylene	**3.2**		0.35		ug/m3			12/29/14 18:36	1
o-Xylene	**1.1**		0.35		ug/m3			12/29/14 18:36	1
Styrene	ND		0.34		ug/m3			12/29/14 18:36	1
t-Butyl alcohol	ND		0.97		ug/m3			12/29/14 18:36	1
Tetrachloroethene	**1.1**		0.54		ug/m3			12/29/14 18:36	1
Toluene	**5.7**		0.45		ug/m3			12/29/14 18:36	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 18:36	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 18:36	1
Trichloroethene	**0.32**		0.21		ug/m3			12/29/14 18:36	1
Trichlorofluoromethane	**1.5**		0.45		ug/m3			12/29/14 18:36	1
Vinyl chloride	ND		0.20		ug/m3			12/29/14 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*60 - 140*		*12/29/14 18:36*	*1*

Client Sample ID: B03-SS2-20141215

Lab Sample ID: 140-2499-3

Date Collected: 12/16/14 10:35

Matrix: Air

Date Received: 12/19/14 10:30

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/29/14 19:26	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/29/14 19:26	1
1,2,4-Trimethylbenzene	**0.095**		0.080		ppb v/v			12/29/14 19:26	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 19:26	1

Client Sample ID: B03-SS2-20141215
Lab Sample ID: 140-2499-3
Date Collected: 12/16/14 10:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/29/14 19:26	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 19:26	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 19:26	1
1,4-Dioxane	ND		0.20		ppb v/v			12/29/14 19:26	1
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			12/29/14 19:26	1
2-Butanone	**0.45**		0.32		ppb v/v			12/29/14 19:26	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			12/29/14 19:26	1
Benzene	**0.34**		0.080		ppb v/v			12/29/14 19:26	1
Benzyl chloride	ND		0.16		ppb v/v			12/29/14 19:26	1
Bromodichloromethane	ND		0.080		ppb v/v			12/29/14 19:26	1
Bromoform	ND		0.080		ppb v/v			12/29/14 19:26	1
Bromomethane	ND		0.080		ppb v/v			12/29/14 19:26	1
Carbon tetrachloride	**0.079**		0.040		ppb v/v			12/29/14 19:26	1
Chlorobenzene	ND		0.080		ppb v/v			12/29/14 19:26	1
Chloroethane	ND		0.080		ppb v/v			12/29/14 19:26	1
Chloroform	ND		0.080		ppb v/v			12/29/14 19:26	1
Chloromethane	**0.22**		0.20		ppb v/v			12/29/14 19:26	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 19:26	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 19:26	1
Cyclohexane	ND		0.20		ppb v/v			12/29/14 19:26	1
Dibromochloromethane	ND		0.080		ppb v/v			12/29/14 19:26	1
Dichlorodifluoromethane	**0.48**		0.080		ppb v/v			12/29/14 19:26	1
Ethanol	**17**		0.80		ppb v/v			12/29/14 19:26	1
Ethylbenzene	**0.11**		0.080		ppb v/v			12/29/14 19:26	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/29/14 19:26	1
Hexane	**0.35**		0.20		ppb v/v			12/29/14 19:26	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/29/14 19:26	1
Methylene Chloride	**0.25**		0.20		ppb v/v			12/29/14 19:26	1
m-Xylene & p-Xylene	**0.50**		0.080		ppb v/v			12/29/14 19:26	1
o-Xylene	**0.14**		0.080		ppb v/v			12/29/14 19:26	1
Styrene	ND		0.080		ppb v/v			12/29/14 19:26	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/29/14 19:26	1
Tetrachloroethene	**4.0**		0.080		ppb v/v			12/29/14 19:26	1
Toluene	**0.60**		0.12		ppb v/v			12/29/14 19:26	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 19:26	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 19:26	1
Trichloroethene	**0.046**		0.040		ppb v/v			12/29/14 19:26	1
Trichlorofluoromethane	**0.24**		0.080		ppb v/v			12/29/14 19:26	1
Vinyl chloride	ND		0.080		ppb v/v			12/29/14 19:26	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/29/14 19:26	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/29/14 19:26	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/29/14 19:26	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/29/14 19:26	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/29/14 19:26	1

Client Sample ID: B03-SS2-20141215
Lab Sample ID: 140-2499-3
Date Collected: 12/16/14 10:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/29/14 19:26	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/29/14 19:26	1
1,2,4-Trimethylbenzene	**0.47**		0.39		ug/m3			12/29/14 19:26	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/29/14 19:26	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 19:26	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/29/14 19:26	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/29/14 19:26	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/29/14 19:26	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/29/14 19:26	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 19:26	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 19:26	1
1,4-Dioxane	ND		0.72		ug/m3			12/29/14 19:26	1
2,2,4-Trimethylpentane	ND		0.93		ug/m3			12/29/14 19:26	1
2-Butanone	**1.3**		0.94		ug/m3			12/29/14 19:26	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			12/29/14 19:26	1
Benzene	**1.1**		0.26		ug/m3			12/29/14 19:26	1
Benzyl chloride	ND		0.83		ug/m3			12/29/14 19:26	1
Bromodichloromethane	ND		0.54		ug/m3			12/29/14 19:26	1
Bromoform	ND		0.83		ug/m3			12/29/14 19:26	1
Bromomethane	ND		0.31		ug/m3			12/29/14 19:26	1
Carbon tetrachloride	**0.50**		0.25		ug/m3			12/29/14 19:26	1
Chlorobenzene	ND		0.37		ug/m3			12/29/14 19:26	1
Chloroethane	ND		0.21		ug/m3			12/29/14 19:26	1
Chloroform	ND		0.39		ug/m3			12/29/14 19:26	1
Chloromethane	**0.46**		0.41		ug/m3			12/29/14 19:26	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 19:26	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 19:26	1
Cyclohexane	ND		0.69		ug/m3			12/29/14 19:26	1
Dibromochloromethane	ND		0.68		ug/m3			12/29/14 19:26	1
Dichlorodifluoromethane	**2.4**		0.40		ug/m3			12/29/14 19:26	1
Ethanol	**32**		1.5		ug/m3			12/29/14 19:26	1
Ethylbenzene	**0.50**		0.35		ug/m3			12/29/14 19:26	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/29/14 19:26	1
Hexane	**1.2**		0.70		ug/m3			12/29/14 19:26	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/29/14 19:26	1
Methylene Chloride	**0.88**		0.69		ug/m3			12/29/14 19:26	1
m-Xylene & p-Xylene	**2.2**		0.35		ug/m3			12/29/14 19:26	1
o-Xylene	**0.60**		0.35		ug/m3			12/29/14 19:26	1
Styrene	ND		0.34		ug/m3			12/29/14 19:26	1
t-Butyl alcohol	ND		0.97		ug/m3			12/29/14 19:26	1
Tetrachloroethene	**27**		0.54		ug/m3			12/29/14 19:26	1
Toluene	**2.3**		0.45		ug/m3			12/29/14 19:26	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 19:26	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 19:26	1
Trichloroethene	**0.25**		0.21		ug/m3			12/29/14 19:26	1
Trichlorofluoromethane	**1.3**		0.45		ug/m3			12/29/14 19:26	1
Vinyl chloride	ND		0.20		ug/m3			12/29/14 19:26	1

Client Sample ID: B03-SS2-20141215

Lab Sample ID: 140-2499-3

Date Collected: 12/16/14 10:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*93*		*60 - 140*		*12/29/14 19:26*	*1*

Client Sample ID: B03-IA51-20141215

Lab Sample ID: 140-2499-4

Date Collected: 12/16/14 10:37
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/29/14 20:15	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/29/14 20:15	1
1,2,4-Trimethylbenzene	**0.17**		0.080		ppb v/v			12/29/14 20:15	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 20:15	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/29/14 20:15	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 20:15	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 20:15	1
1,4-Dioxane	ND		0.20		ppb v/v			12/29/14 20:15	1
2,2,4-Trimethylpentane	**0.63**		0.20		ppb v/v			12/29/14 20:15	1
2-Butanone	**1.5**		0.32		ppb v/v			12/29/14 20:15	1
4-Methyl-2-pentanone (MIBK)	**0.32**		0.20		ppb v/v			12/29/14 20:15	1
Benzene	**0.97**		0.080		ppb v/v			12/29/14 20:15	1
Benzyl chloride	ND		0.16		ppb v/v			12/29/14 20:15	1
Bromodichloromethane	ND		0.080		ppb v/v			12/29/14 20:15	1
Bromoform	ND		0.080		ppb v/v			12/29/14 20:15	1
Bromomethane	ND		0.080		ppb v/v			12/29/14 20:15	1
Carbon tetrachloride	**0.11**		0.040		ppb v/v			12/29/14 20:15	1
Chlorobenzene	ND		0.080		ppb v/v			12/29/14 20:15	1
Chloroethane	ND		0.080		ppb v/v			12/29/14 20:15	1
Chloroform	ND		0.080		ppb v/v			12/29/14 20:15	1
Chloromethane	**0.57**		0.20		ppb v/v			12/29/14 20:15	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 20:15	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 20:15	1
Cyclohexane	**0.49**		0.20		ppb v/v			12/29/14 20:15	1
Dibromochloromethane	ND		0.080		ppb v/v			12/29/14 20:15	1
Dichlorodifluoromethane	**0.50**		0.080		ppb v/v			12/29/14 20:15	1
Ethanol	**39**		0.80		ppb v/v			12/29/14 20:15	1
Ethylbenzene	**0.22**		0.080		ppb v/v			12/29/14 20:15	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/29/14 20:15	1
Hexane	**1.2**		0.20		ppb v/v			12/29/14 20:15	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/29/14 20:15	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B03-IA51-20141215
Date Collected: 12/16/14 10:37
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 140-2499-4
Matrix: Air

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	**0.45**		0.20		ppb v/v			12/29/14 20:15	1
m-Xylene & p-Xylene	**0.87**		0.080		ppb v/v			12/29/14 20:15	1
o-Xylene	**0.30**		0.080		ppb v/v			12/29/14 20:15	1
Styrene	ND		0.080		ppb v/v			12/29/14 20:15	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/29/14 20:15	1
Tetrachloroethene	**0.19**		0.080		ppb v/v			12/29/14 20:15	1
Toluene	**1.5**		0.12		ppb v/v			12/29/14 20:15	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 20:15	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 20:15	1
Trichloroethene	**0.064**		0.040		ppb v/v			12/29/14 20:15	1
Trichlorofluoromethane	**0.27**		0.080		ppb v/v			12/29/14 20:15	1
Vinyl chloride	ND		0.080		ppb v/v			12/29/14 20:15	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/29/14 20:15	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/29/14 20:15	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/29/14 20:15	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/29/14 20:15	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/29/14 20:15	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/29/14 20:15	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/29/14 20:15	1
1,2,4-Trimethylbenzene	**0.85**		0.39		ug/m3			12/29/14 20:15	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/29/14 20:15	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 20:15	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/29/14 20:15	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/29/14 20:15	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/29/14 20:15	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/29/14 20:15	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 20:15	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 20:15	1
1,4-Dioxane	ND		0.72		ug/m3			12/29/14 20:15	1
2,2,4-Trimethylpentane	**3.0**		0.93		ug/m3			12/29/14 20:15	1
2-Butanone	**4.4**		0.94		ug/m3			12/29/14 20:15	1
4-Methyl-2-pentanone (MIBK)	**1.3**		0.82		ug/m3			12/29/14 20:15	1
Benzene	**3.1**		0.26		ug/m3			12/29/14 20:15	1
Benzyl chloride	ND		0.83		ug/m3			12/29/14 20:15	1
Bromodichloromethane	ND		0.54		ug/m3			12/29/14 20:15	1
Bromoform	ND		0.83		ug/m3			12/29/14 20:15	1
Bromomethane	ND		0.31		ug/m3			12/29/14 20:15	1
Carbon tetrachloride	**0.70**		0.25		ug/m3			12/29/14 20:15	1
Chlorobenzene	ND		0.37		ug/m3			12/29/14 20:15	1
Chloroethane	ND		0.21		ug/m3			12/29/14 20:15	1
Chloroform	ND		0.39		ug/m3			12/29/14 20:15	1
Chloromethane	**1.2**		0.41		ug/m3			12/29/14 20:15	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 20:15	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 20:15	1
Cyclohexane	**1.7**		0.69		ug/m3			12/29/14 20:15	1
Dibromochloromethane	ND		0.68		ug/m3			12/29/14 20:15	1
Dichlorodifluoromethane	**2.5**		0.40		ug/m3			12/29/14 20:15	1

Client Sample ID: B03-IA51-20141215

Lab Sample ID: 140-2499-4

Date Collected: 12/16/14 10:37

Matrix: Air

Date Received: 12/19/14 10:30

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	**73**		1.5		ug/m3			12/29/14 20:15	1
Ethylbenzene	**0.94**		0.35		ug/m3			12/29/14 20:15	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/29/14 20:15	1
Hexane	**4.1**		0.70		ug/m3			12/29/14 20:15	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/29/14 20:15	1
Methylene Chloride	**1.6**		0.69		ug/m3			12/29/14 20:15	1
m-Xylene & p-Xylene	**3.8**		0.35		ug/m3			12/29/14 20:15	1
o-Xylene	**1.3**		0.35		ug/m3			12/29/14 20:15	1
Styrene	ND		0.34		ug/m3			12/29/14 20:15	1
t-Butyl alcohol	ND		0.97		ug/m3			12/29/14 20:15	1
Tetrachloroethene	**1.3**		0.54		ug/m3			12/29/14 20:15	1
Toluene	**5.7**		0.45		ug/m3			12/29/14 20:15	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 20:15	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 20:15	1
Trichloroethene	**0.34**		0.21		ug/m3			12/29/14 20:15	1
Trichlorofluoromethane	**1.5**		0.45		ug/m3			12/29/14 20:15	1
Vinyl chloride	ND		0.20		ug/m3			12/29/14 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*60 - 140*		*12/29/14 20:15*	*1*

Client Sample ID: B03-CS2-20141215

Lab Sample ID: 140-2499-5

Date Collected: 12/16/14 10:36

Matrix: Air

Date Received: 12/19/14 10:30

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/29/14 21:05	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/29/14 21:05	1
1,2,4-Trimethylbenzene	**0.12**		0.080		ppb v/v			12/29/14 21:05	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 21:05	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/29/14 21:05	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 21:05	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 21:05	1
1,4-Dioxane	ND		0.20		ppb v/v			12/29/14 21:05	1
2,2,4-Trimethylpentane	**0.59**		0.20		ppb v/v			12/29/14 21:05	1
2-Butanone	**0.63**		0.32		ppb v/v			12/29/14 21:05	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			12/29/14 21:05	1
Benzene	**0.85**		0.080		ppb v/v			12/29/14 21:05	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B03-CS2-20141215
Lab Sample ID: 140-2499-5
Date Collected: 12/16/14 10:36
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		0.16		ppb v/v			12/29/14 21:05	1
Bromodichloromethane	ND		0.080		ppb v/v			12/29/14 21:05	1
Bromoform	ND		0.080		ppb v/v			12/29/14 21:05	1
Bromomethane	ND		0.080		ppb v/v			12/29/14 21:05	1
Carbon tetrachloride	**0.077**		0.040		ppb v/v			12/29/14 21:05	1
Chlorobenzene	ND		0.080		ppb v/v			12/29/14 21:05	1
Chloroethane	ND		0.080		ppb v/v			12/29/14 21:05	1
Chloroform	ND		0.080		ppb v/v			12/29/14 21:05	1
Chloromethane	**0.60**		0.20		ppb v/v			12/29/14 21:05	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 21:05	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 21:05	1
Cyclohexane	**0.43**		0.20		ppb v/v			12/29/14 21:05	1
Dibromochloromethane	ND		0.080		ppb v/v			12/29/14 21:05	1
Dichlorodifluoromethane	**0.46**		0.080		ppb v/v			12/29/14 21:05	1
Ethanol	**40**		0.80		ppb v/v			12/29/14 21:05	1
Ethylbenzene	**0.19**		0.080		ppb v/v			12/29/14 21:05	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/29/14 21:05	1
Hexane	**0.98**		0.20		ppb v/v			12/29/14 21:05	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/29/14 21:05	1
Methylene Chloride	**0.53**		0.20		ppb v/v			12/29/14 21:05	1
m-Xylene & p-Xylene	**0.65**		0.080		ppb v/v			12/29/14 21:05	1
o-Xylene	**0.22**		0.080		ppb v/v			12/29/14 21:05	1
Styrene	ND		0.080		ppb v/v			12/29/14 21:05	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/29/14 21:05	1
Tetrachloroethene	**0.14**		0.080		ppb v/v			12/29/14 21:05	1
Toluene	**1.4**		0.12		ppb v/v			12/29/14 21:05	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 21:05	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 21:05	1
Trichloroethene	**0.061**		0.040		ppb v/v			12/29/14 21:05	1
Trichlorofluoromethane	**0.26**		0.080		ppb v/v			12/29/14 21:05	1
Vinyl chloride	ND		0.080		ppb v/v			12/29/14 21:05	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/29/14 21:05	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/29/14 21:05	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/29/14 21:05	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/29/14 21:05	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/29/14 21:05	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/29/14 21:05	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/29/14 21:05	1
1,2,4-Trimethylbenzene	**0.58**		0.39		ug/m3			12/29/14 21:05	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/29/14 21:05	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 21:05	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/29/14 21:05	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/29/14 21:05	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/29/14 21:05	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/29/14 21:05	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 21:05	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 21:05	1

Client Sample ID: B03-CS2-20141215

Lab Sample ID: 140-2499-5

Date Collected: 12/16/14 10:36

Matrix: Air

Date Received: 12/19/14 10:30

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.72		ug/m3			12/29/14 21:05	1
2,2,4-Trimethylpentane	**2.8**		0.93		ug/m3			12/29/14 21:05	1
2-Butanone	**1.9**		0.94		ug/m3			12/29/14 21:05	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			12/29/14 21:05	1
Benzene	**2.7**		0.26		ug/m3			12/29/14 21:05	1
Benzyl chloride	ND		0.83		ug/m3			12/29/14 21:05	1
Bromodichloromethane	ND		0.54		ug/m3			12/29/14 21:05	1
Bromoform	ND		0.83		ug/m3			12/29/14 21:05	1
Bromomethane	ND		0.31		ug/m3			12/29/14 21:05	1
Carbon tetrachloride	**0.49**		0.25		ug/m3			12/29/14 21:05	1
Chlorobenzene	ND		0.37		ug/m3			12/29/14 21:05	1
Chloroethane	ND		0.21		ug/m3			12/29/14 21:05	1
Chloroform	ND		0.39		ug/m3			12/29/14 21:05	1
Chloromethane	**1.2**		0.41		ug/m3			12/29/14 21:05	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 21:05	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 21:05	1
Cyclohexane	**1.5**		0.69		ug/m3			12/29/14 21:05	1
Dibromochloromethane	ND		0.68		ug/m3			12/29/14 21:05	1
Dichlorodifluoromethane	**2.3**		0.40		ug/m3			12/29/14 21:05	1
Ethanol	**76**		1.5		ug/m3			12/29/14 21:05	1
Ethylbenzene	**0.83**		0.35		ug/m3			12/29/14 21:05	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/29/14 21:05	1
Hexane	**3.4**		0.70		ug/m3			12/29/14 21:05	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/29/14 21:05	1
Methylene Chloride	**1.8**		0.69		ug/m3			12/29/14 21:05	1
m-Xylene & p-Xylene	**2.8**		0.35		ug/m3			12/29/14 21:05	1
o-Xylene	**0.94**		0.35		ug/m3			12/29/14 21:05	1
Styrene	ND		0.34		ug/m3			12/29/14 21:05	1
t-Butyl alcohol	ND		0.97		ug/m3			12/29/14 21:05	1
Tetrachloroethene	**0.97**		0.54		ug/m3			12/29/14 21:05	1
Toluene	**5.4**		0.45		ug/m3			12/29/14 21:05	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 21:05	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 21:05	1
Trichloroethene	**0.33**		0.21		ug/m3			12/29/14 21:05	1
Trichlorofluoromethane	**1.4**		0.45		ug/m3			12/29/14 21:05	1
Vinyl chloride	ND		0.20		ug/m3			12/29/14 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*60 - 140*		*12/29/14 21:05*	*1*

Client Sample ID: B03-OA1-20141215

Lab Sample ID: 140-2499-6

Date Collected: 12/16/14 11:05

Matrix: Air

Date Received: 12/19/14 10:30

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/29/14 21:53	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/29/14 21:53	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B03-OA1-20141215
Date Collected: 12/16/14 11:05
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 140-2499-6
Matrix: Air

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/29/14 21:53	1
1,1,2-Trichlorotrifluoroethane	**0.082**		0.080		ppb v/v			12/29/14 21:53	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/29/14 21:53	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/29/14 21:53	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/29/14 21:53	1
1,2,4-Trimethylbenzene	**0.17**		0.080		ppb v/v			12/29/14 21:53	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/29/14 21:53	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 21:53	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/29/14 21:53	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/29/14 21:53	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/29/14 21:53	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/29/14 21:53	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 21:53	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 21:53	1
1,4-Dioxane	ND		0.20		ppb v/v			12/29/14 21:53	1
2,2,4-Trimethylpentane	**0.63**		0.20		ppb v/v			12/29/14 21:53	1
2-Butanone	**0.44**		0.32		ppb v/v			12/29/14 21:53	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			12/29/14 21:53	1
Benzene	**0.86**		0.080		ppb v/v			12/29/14 21:53	1
Benzyl chloride	ND		0.16		ppb v/v			12/29/14 21:53	1
Bromodichloromethane	ND		0.080		ppb v/v			12/29/14 21:53	1
Bromoform	ND		0.080		ppb v/v			12/29/14 21:53	1
Bromomethane	ND		0.080		ppb v/v			12/29/14 21:53	1
Carbon tetrachloride	**0.093**		0.040		ppb v/v			12/29/14 21:53	1
Chlorobenzene	ND		0.080		ppb v/v			12/29/14 21:53	1
Chloroethane	ND		0.080		ppb v/v			12/29/14 21:53	1
Chloroform	ND		0.080		ppb v/v			12/29/14 21:53	1
Chloromethane	**0.54**		0.20		ppb v/v			12/29/14 21:53	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 21:53	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 21:53	1
Cyclohexane	**0.44**		0.20		ppb v/v			12/29/14 21:53	1
Dibromochloromethane	ND		0.080		ppb v/v			12/29/14 21:53	1
Dichlorodifluoromethane	**0.52**		0.080		ppb v/v			12/29/14 21:53	1
Ethanol	**22**		0.80		ppb v/v			12/29/14 21:53	1
Ethylbenzene	**0.21**		0.080		ppb v/v			12/29/14 21:53	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/29/14 21:53	1
Hexane	**0.96**		0.20		ppb v/v			12/29/14 21:53	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/29/14 21:53	1
Methylene Chloride	**0.45**		0.20		ppb v/v			12/29/14 21:53	1
m-Xylene & p-Xylene	**0.74**		0.080		ppb v/v			12/29/14 21:53	1
o-Xylene	**0.26**		0.080		ppb v/v			12/29/14 21:53	1
Styrene	ND		0.080		ppb v/v			12/29/14 21:53	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/29/14 21:53	1
Tetrachloroethene	**0.16**		0.080		ppb v/v			12/29/14 21:53	1
Toluene	**1.6**		0.12		ppb v/v			12/29/14 21:53	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 21:53	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 21:53	1
Trichloroethene	**0.092**		0.040		ppb v/v			12/29/14 21:53	1

Client Sample ID: B03-OA1-20141215
Lab Sample ID: 140-2499-6
Date Collected: 12/16/14 11:05
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	**0.29**		0.080		ppb v/v			12/29/14 21:53	1
Vinyl chloride	ND		0.080		ppb v/v			12/29/14 21:53	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/29/14 21:53	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/29/14 21:53	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/29/14 21:53	1
1,1,2-Trichlorotrifluoroethane	**0.63**		0.61		ug/m3			12/29/14 21:53	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/29/14 21:53	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/29/14 21:53	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/29/14 21:53	1
1,2,4-Trimethylbenzene	**0.82**		0.39		ug/m3			12/29/14 21:53	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/29/14 21:53	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 21:53	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/29/14 21:53	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/29/14 21:53	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/29/14 21:53	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/29/14 21:53	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 21:53	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 21:53	1
1,4-Dioxane	ND		0.72		ug/m3			12/29/14 21:53	1
2,2,4-Trimethylpentane	**3.0**		0.93		ug/m3			12/29/14 21:53	1
2-Butanone	**1.3**		0.94		ug/m3			12/29/14 21:53	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			12/29/14 21:53	1
Benzene	**2.8**		0.26		ug/m3			12/29/14 21:53	1
Benzyl chloride	ND		0.83		ug/m3			12/29/14 21:53	1
Bromodichloromethane	ND		0.54		ug/m3			12/29/14 21:53	1
Bromoform	ND		0.83		ug/m3			12/29/14 21:53	1
Bromomethane	ND		0.31		ug/m3			12/29/14 21:53	1
Carbon tetrachloride	**0.58**		0.25		ug/m3			12/29/14 21:53	1
Chlorobenzene	ND		0.37		ug/m3			12/29/14 21:53	1
Chloroethane	ND		0.21		ug/m3			12/29/14 21:53	1
Chloroform	ND		0.39		ug/m3			12/29/14 21:53	1
Chloromethane	**1.1**		0.41		ug/m3			12/29/14 21:53	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 21:53	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 21:53	1
Cyclohexane	**1.5**		0.69		ug/m3			12/29/14 21:53	1
Dibromochloromethane	ND		0.68		ug/m3			12/29/14 21:53	1
Dichlorodifluoromethane	**2.6**		0.40		ug/m3			12/29/14 21:53	1
Ethanol	**41**		1.5		ug/m3			12/29/14 21:53	1
Ethylbenzene	**0.92**		0.35		ug/m3			12/29/14 21:53	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/29/14 21:53	1
Hexane	**3.4**		0.70		ug/m3			12/29/14 21:53	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/29/14 21:53	1
Methylene Chloride	**1.6**		0.69		ug/m3			12/29/14 21:53	1
m-Xylene & p-Xylene	**3.2**		0.35		ug/m3			12/29/14 21:53	1
o-Xylene	**1.1**		0.35		ug/m3			12/29/14 21:53	1
Styrene	ND		0.34		ug/m3			12/29/14 21:53	1
t-Butyl alcohol	ND		0.97		ug/m3			12/29/14 21:53	1

Client Sample ID: B03-OA1-20141215

Lab Sample ID: 140-2499-6

Date Collected: 12/16/14 11:05
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**1.1**		0.54		ug/m3			12/29/14 21:53	1
Toluene	**5.9**		0.45		ug/m3			12/29/14 21:53	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 21:53	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 21:53	1
Trichloroethene	**0.49**		0.21		ug/m3			12/29/14 21:53	1
Trichlorofluoromethane	**1.7**		0.45		ug/m3			12/29/14 21:53	1
Vinyl chloride	ND		0.20		ug/m3			12/29/14 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*60 - 140*		*12/29/14 21:53*	*1*

Client Sample ID: B04-IA2-20141215

Lab Sample ID: 140-2499-7

Date Collected: 12/16/14 10:18
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.23**		0.080		ppb v/v			12/29/14 22:45	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/29/14 22:45	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/29/14 22:45	1
1,1,2-Trichlorotrifluoroethane	**0.96**		0.080		ppb v/v			12/29/14 22:45	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/29/14 22:45	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/29/14 22:45	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/29/14 22:45	1
1,2,4-Trimethylbenzene	**0.17**		0.080		ppb v/v			12/29/14 22:45	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/29/14 22:45	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 22:45	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/29/14 22:45	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/29/14 22:45	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/29/14 22:45	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/29/14 22:45	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 22:45	1
1,4-Dichlorobenzene	**0.59**		0.080		ppb v/v			12/29/14 22:45	1
1,4-Dioxane	ND		0.20		ppb v/v			12/29/14 22:45	1
2,2,4-Trimethylpentane	**0.44**		0.20		ppb v/v			12/29/14 22:45	1
2-Butanone	**0.54**		0.32		ppb v/v			12/29/14 22:45	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			12/29/14 22:45	1
Benzene	**0.61**		0.080		ppb v/v			12/29/14 22:45	1
Benzyl chloride	ND		0.16		ppb v/v			12/29/14 22:45	1
Bromodichloromethane	ND		0.080		ppb v/v			12/29/14 22:45	1
Bromoform	ND		0.080		ppb v/v			12/29/14 22:45	1
Bromomethane	ND		0.080		ppb v/v			12/29/14 22:45	1
Carbon tetrachloride	**0.083**		0.040		ppb v/v			12/29/14 22:45	1
Chlorobenzene	ND		0.080		ppb v/v			12/29/14 22:45	1
Chloroethane	ND		0.080		ppb v/v			12/29/14 22:45	1
Chloroform	**0.11**		0.080		ppb v/v			12/29/14 22:45	1
Chloromethane	**0.69**		0.20		ppb v/v			12/29/14 22:45	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 22:45	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B04-IA2-20141215
Lab Sample ID: 140-2499-7
Date Collected: 12/16/14 10:18
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 22:45	1
Cyclohexane	**0.31**		0.20		ppb v/v			12/29/14 22:45	1
Dibromochloromethane	ND		0.080		ppb v/v			12/29/14 22:45	1
Dichlorodifluoromethane	**0.51**		0.080		ppb v/v			12/29/14 22:45	1
Ethanol	**130**	**E**	0.80		ppb v/v			12/29/14 22:45	1
Ethylbenzene	**0.21**		0.080		ppb v/v			12/29/14 22:45	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/29/14 22:45	1
Hexane	**0.71**		0.20		ppb v/v			12/29/14 22:45	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/29/14 22:45	1
Methylene Chloride	**0.66**		0.20		ppb v/v			12/29/14 22:45	1
m-Xylene & p-Xylene	**0.80**		0.080		ppb v/v			12/29/14 22:45	1
o-Xylene	**0.27**		0.080		ppb v/v			12/29/14 22:45	1
Styrene	ND		0.080		ppb v/v			12/29/14 22:45	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/29/14 22:45	1
Tetrachloroethene	**0.57**		0.080		ppb v/v			12/29/14 22:45	1
Toluene	**1.2**		0.12		ppb v/v			12/29/14 22:45	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 22:45	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 22:45	1
Trichloroethene	**0.060**		0.040		ppb v/v			12/29/14 22:45	1
Trichlorofluoromethane	**0.27**		0.080		ppb v/v			12/29/14 22:45	1
Vinyl chloride	ND		0.080		ppb v/v			12/29/14 22:45	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.3**		0.44		ug/m3			12/29/14 22:45	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/29/14 22:45	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/29/14 22:45	1
1,1,2-Trichlorotrifluoroethane	**7.3**		0.61		ug/m3			12/29/14 22:45	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/29/14 22:45	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/29/14 22:45	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/29/14 22:45	1
1,2,4-Trimethylbenzene	**0.84**		0.39		ug/m3			12/29/14 22:45	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/29/14 22:45	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 22:45	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/29/14 22:45	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/29/14 22:45	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/29/14 22:45	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/29/14 22:45	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 22:45	1
1,4-Dichlorobenzene	**3.6**		0.48		ug/m3			12/29/14 22:45	1
1,4-Dioxane	ND		0.72		ug/m3			12/29/14 22:45	1
2,2,4-Trimethylpentane	**2.0**		0.93		ug/m3			12/29/14 22:45	1
2-Butanone	**1.6**		0.94		ug/m3			12/29/14 22:45	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			12/29/14 22:45	1
Benzene	**1.9**		0.26		ug/m3			12/29/14 22:45	1
Benzyl chloride	ND		0.83		ug/m3			12/29/14 22:45	1
Bromodichloromethane	ND		0.54		ug/m3			12/29/14 22:45	1
Bromoform	ND		0.83		ug/m3			12/29/14 22:45	1
Bromomethane	ND		0.31		ug/m3			12/29/14 22:45	1
Carbon tetrachloride	**0.52**		0.25		ug/m3			12/29/14 22:45	1

Client Sample ID: B04-IA2-20141215

Lab Sample ID: 140-2499-7

Date Collected: 12/16/14 10:18

Matrix: Air

Date Received: 12/19/14 10:30

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.37		ug/m3			12/29/14 22:45	1
Chloroethane	ND		0.21		ug/m3			12/29/14 22:45	1
Chloroform	**0.54**		0.39		ug/m3			12/29/14 22:45	1
Chloromethane	**1.4**		0.41		ug/m3			12/29/14 22:45	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 22:45	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 22:45	1
Cyclohexane	**1.1**		0.69		ug/m3			12/29/14 22:45	1
Dibromochloromethane	ND		0.68		ug/m3			12/29/14 22:45	1
Dichlorodifluoromethane	**2.5**		0.40		ug/m3			12/29/14 22:45	1
Ethanol	**240**	**E**	1.5		ug/m3			12/29/14 22:45	1
Ethylbenzene	**0.92**		0.35		ug/m3			12/29/14 22:45	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/29/14 22:45	1
Hexane	**2.5**		0.70		ug/m3			12/29/14 22:45	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/29/14 22:45	1
Methylene Chloride	**2.3**		0.69		ug/m3			12/29/14 22:45	1
m-Xylene & p-Xylene	**3.5**		0.35		ug/m3			12/29/14 22:45	1
o-Xylene	**1.2**		0.35		ug/m3			12/29/14 22:45	1
Styrene	ND		0.34		ug/m3			12/29/14 22:45	1
t-Butyl alcohol	ND		0.97		ug/m3			12/29/14 22:45	1
Tetrachloroethene	**3.9**		0.54		ug/m3			12/29/14 22:45	1
Toluene	**4.6**		0.45		ug/m3			12/29/14 22:45	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 22:45	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 22:45	1
Trichloroethene	**0.32**		0.21		ug/m3			12/29/14 22:45	1
Trichlorofluoromethane	**1.5**		0.45		ug/m3			12/29/14 22:45	1
Vinyl chloride	ND		0.20		ug/m3			12/29/14 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*60 - 140*		*12/29/14 22:45*	*1*

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	**140**		4.0		ppb v/v			12/31/14 02:34	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	**270**		7.5		ug/m3			12/31/14 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*60 - 140*		*12/31/14 02:34*	*1*

Client Sample ID: B04-SV2-20141216

Lab Sample ID: 140-2499-8

Date Collected: 12/16/14 15:30

Matrix: Air

Date Received: 12/19/14 10:30

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/29/14 23:37	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/29/14 23:37	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/29/14 23:37	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B04-SV2-20141216
Date Collected: 12/16/14 15:30
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 140-2499-8
Matrix: Air

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/29/14 23:37	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/29/14 23:37	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/29/14 23:37	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/29/14 23:37	1
1,2,4-Trimethylbenzene	**2.1**		0.080		ppb v/v			12/29/14 23:37	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/29/14 23:37	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 23:37	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/29/14 23:37	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/29/14 23:37	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/29/14 23:37	1
1,3,5-Trimethylbenzene	**0.45**		0.080		ppb v/v			12/29/14 23:37	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 23:37	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 23:37	1
1,4-Dioxane	ND		0.20		ppb v/v			12/29/14 23:37	1
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			12/29/14 23:37	1
2-Butanone	ND		0.32		ppb v/v			12/29/14 23:37	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			12/29/14 23:37	1
Benzene	**0.12**		0.080		ppb v/v			12/29/14 23:37	1
Benzyl chloride	ND		0.16		ppb v/v			12/29/14 23:37	1
Bromodichloromethane	ND		0.080		ppb v/v			12/29/14 23:37	1
Bromoform	ND		0.080		ppb v/v			12/29/14 23:37	1
Bromomethane	ND		0.080		ppb v/v			12/29/14 23:37	1
Carbon tetrachloride	**0.045**		0.040		ppb v/v			12/29/14 23:37	1
Chlorobenzene	ND		0.080		ppb v/v			12/29/14 23:37	1
Chloroethane	ND		0.080		ppb v/v			12/29/14 23:37	1
Chloroform	**0.18**		0.080		ppb v/v			12/29/14 23:37	1
Chloromethane	ND		0.20		ppb v/v			12/29/14 23:37	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 23:37	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 23:37	1
Cyclohexane	ND		0.20		ppb v/v			12/29/14 23:37	1
Dibromochloromethane	ND		0.080		ppb v/v			12/29/14 23:37	1
Dichlorodifluoromethane	**0.43**		0.080		ppb v/v			12/29/14 23:37	1
Ethanol	**7.0**		0.80		ppb v/v			12/29/14 23:37	1
Ethylbenzene	**0.47**		0.080		ppb v/v			12/29/14 23:37	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/29/14 23:37	1
Hexane	ND		0.20		ppb v/v			12/29/14 23:37	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/29/14 23:37	1
Methylene Chloride	**0.32**		0.20		ppb v/v			12/29/14 23:37	1
m-Xylene & p-Xylene	**2.0**		0.080		ppb v/v			12/29/14 23:37	1
o-Xylene	**0.95**		0.080		ppb v/v			12/29/14 23:37	1
Styrene	ND		0.080		ppb v/v			12/29/14 23:37	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/29/14 23:37	1
Tetrachloroethene	**16**		0.080		ppb v/v			12/29/14 23:37	1
Toluene	**1.1**		0.12		ppb v/v			12/29/14 23:37	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 23:37	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 23:37	1
Trichloroethene	**0.69**		0.040		ppb v/v			12/29/14 23:37	1
Trichlorofluoromethane	**0.21**		0.080		ppb v/v			12/29/14 23:37	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B04-SV2-20141216
Lab Sample ID: 140-2499-8
Date Collected: 12/16/14 15:30
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.080		ppb v/v			12/29/14 23:37	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/29/14 23:37	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/29/14 23:37	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/29/14 23:37	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/29/14 23:37	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/29/14 23:37	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/29/14 23:37	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/29/14 23:37	1
1,2,4-Trimethylbenzene	**10**		0.39		ug/m3			12/29/14 23:37	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/29/14 23:37	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 23:37	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/29/14 23:37	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/29/14 23:37	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/29/14 23:37	1
1,3,5-Trimethylbenzene	**2.2**		0.39		ug/m3			12/29/14 23:37	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 23:37	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 23:37	1
1,4-Dioxane	ND		0.72		ug/m3			12/29/14 23:37	1
2,2,4-Trimethylpentane	ND		0.93		ug/m3			12/29/14 23:37	1
2-Butanone	ND		0.94		ug/m3			12/29/14 23:37	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			12/29/14 23:37	1
Benzene	**0.38**		0.26		ug/m3			12/29/14 23:37	1
Benzyl chloride	ND		0.83		ug/m3			12/29/14 23:37	1
Bromodichloromethane	ND		0.54		ug/m3			12/29/14 23:37	1
Bromoform	ND		0.83		ug/m3			12/29/14 23:37	1
Bromomethane	ND		0.31		ug/m3			12/29/14 23:37	1
Carbon tetrachloride	**0.29**		0.25		ug/m3			12/29/14 23:37	1
Chlorobenzene	ND		0.37		ug/m3			12/29/14 23:37	1
Chloroethane	ND		0.21		ug/m3			12/29/14 23:37	1
Chloroform	**0.89**		0.39		ug/m3			12/29/14 23:37	1
Chloromethane	ND		0.41		ug/m3			12/29/14 23:37	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 23:37	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 23:37	1
Cyclohexane	ND		0.69		ug/m3			12/29/14 23:37	1
Dibromochloromethane	ND		0.68		ug/m3			12/29/14 23:37	1
Dichlorodifluoromethane	**2.1**		0.40		ug/m3			12/29/14 23:37	1
Ethanol	**13**		1.5		ug/m3			12/29/14 23:37	1
Ethylbenzene	**2.0**		0.35		ug/m3			12/29/14 23:37	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/29/14 23:37	1
Hexane	ND		0.70		ug/m3			12/29/14 23:37	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/29/14 23:37	1
Methylene Chloride	**1.1**		0.69		ug/m3			12/29/14 23:37	1
m-Xylene & p-Xylene	**8.8**		0.35		ug/m3			12/29/14 23:37	1
o-Xylene	**4.1**		0.35		ug/m3			12/29/14 23:37	1
Styrene	ND		0.34		ug/m3			12/29/14 23:37	1
t-Butyl alcohol	ND		0.97		ug/m3			12/29/14 23:37	1
Tetrachloroethene	**110**		0.54		ug/m3			12/29/14 23:37	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B04-SV2-20141216

Lab Sample ID: 140-2499-8

Date Collected: 12/16/14 15:30
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	**4.0**		0.45		ug/m3			12/29/14 23:37	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 23:37	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 23:37	1
Trichloroethene	**3.7**		0.21		ug/m3			12/29/14 23:37	1
Trichlorofluoromethane	**1.2**		0.45		ug/m3			12/29/14 23:37	1
Vinyl chloride	ND		0.20		ug/m3			12/29/14 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*60 - 140*		*12/29/14 23:37*	*1*

Client Sample ID: B04-SV1-20141216

Lab Sample ID: 140-2499-9

Date Collected: 12/16/14 15:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/30/14 00:27	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/30/14 00:27	1
1,2,4-Trimethylbenzene	ND		0.080		ppb v/v			12/30/14 00:27	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 00:27	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/30/14 00:27	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 00:27	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 00:27	1
1,4-Dioxane	ND		0.20		ppb v/v			12/30/14 00:27	1
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			12/30/14 00:27	1
2-Butanone	ND		0.32		ppb v/v			12/30/14 00:27	1
4-Methyl-2-pentanone (MIBK)	**0.72**		0.20		ppb v/v			12/30/14 00:27	1
Benzene	ND		0.080		ppb v/v			12/30/14 00:27	1
Benzyl chloride	ND		0.16		ppb v/v			12/30/14 00:27	1
Bromodichloromethane	ND		0.080		ppb v/v			12/30/14 00:27	1
Bromoform	ND		0.080		ppb v/v			12/30/14 00:27	1
Bromomethane	ND		0.080		ppb v/v			12/30/14 00:27	1
Carbon tetrachloride	**0.045**		0.040		ppb v/v			12/30/14 00:27	1
Chlorobenzene	ND		0.080		ppb v/v			12/30/14 00:27	1
Chloroethane	ND		0.080		ppb v/v			12/30/14 00:27	1
Chloroform	**0.12**		0.080		ppb v/v			12/30/14 00:27	1
Chloromethane	ND		0.20		ppb v/v			12/30/14 00:27	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/30/14 00:27	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/30/14 00:27	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B04-SV1-20141216
Lab Sample ID: 140-2499-9
Date Collected: 12/16/14 15:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		0.20		ppb v/v			12/30/14 00:27	1
Dibromochloromethane	ND		0.080		ppb v/v			12/30/14 00:27	1
Dichlorodifluoromethane	**0.45**		0.080		ppb v/v			12/30/14 00:27	1
Ethanol	ND		0.80		ppb v/v			12/30/14 00:27	1
Ethylbenzene	ND		0.080		ppb v/v			12/30/14 00:27	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/30/14 00:27	1
Hexane	ND		0.20		ppb v/v			12/30/14 00:27	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/30/14 00:27	1
Methylene Chloride	**0.20**		0.20		ppb v/v			12/30/14 00:27	1
m-Xylene & p-Xylene	**0.15**		0.080		ppb v/v			12/30/14 00:27	1
o-Xylene	ND		0.080		ppb v/v			12/30/14 00:27	1
Styrene	ND		0.080		ppb v/v			12/30/14 00:27	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/30/14 00:27	1
Tetrachloroethene	**0.40**		0.080		ppb v/v			12/30/14 00:27	1
Toluene	**0.15**		0.12		ppb v/v			12/30/14 00:27	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/30/14 00:27	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/30/14 00:27	1
Trichloroethene	ND		0.040		ppb v/v			12/30/14 00:27	1
Trichlorofluoromethane	**0.23**		0.080		ppb v/v			12/30/14 00:27	1
Vinyl chloride	ND		0.080		ppb v/v			12/30/14 00:27	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/30/14 00:27	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/30/14 00:27	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/30/14 00:27	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/30/14 00:27	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/30/14 00:27	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/30/14 00:27	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/30/14 00:27	1
1,2,4-Trimethylbenzene	ND		0.39		ug/m3			12/30/14 00:27	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/30/14 00:27	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 00:27	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/30/14 00:27	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/30/14 00:27	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/30/14 00:27	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/30/14 00:27	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 00:27	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 00:27	1
1,4-Dioxane	ND		0.72		ug/m3			12/30/14 00:27	1
2,2,4-Trimethylpentane	ND		0.93		ug/m3			12/30/14 00:27	1
2-Butanone	ND		0.94		ug/m3			12/30/14 00:27	1
4-Methyl-2-pentanone (MIBK)	**3.0**		0.82		ug/m3			12/30/14 00:27	1
Benzene	ND		0.26		ug/m3			12/30/14 00:27	1
Benzyl chloride	ND		0.83		ug/m3			12/30/14 00:27	1
Bromodichloromethane	ND		0.54		ug/m3			12/30/14 00:27	1
Bromoform	ND		0.83		ug/m3			12/30/14 00:27	1
Bromomethane	ND		0.31		ug/m3			12/30/14 00:27	1
Carbon tetrachloride	**0.29**		0.25		ug/m3			12/30/14 00:27	1
Chlorobenzene	ND		0.37		ug/m3			12/30/14 00:27	1

Client Sample ID: B04-SV1-20141216

Lab Sample ID: 140-2499-9

Date Collected: 12/16/14 15:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		0.21		ug/m3			12/30/14 00:27	1
Chloroform	**0.61**		0.39		ug/m3			12/30/14 00:27	1
Chloromethane	ND		0.41		ug/m3			12/30/14 00:27	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/30/14 00:27	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/30/14 00:27	1
Cyclohexane	ND		0.69		ug/m3			12/30/14 00:27	1
Dibromochloromethane	ND		0.68		ug/m3			12/30/14 00:27	1
Dichlorodifluoromethane	**2.2**		0.40		ug/m3			12/30/14 00:27	1
Ethanol	ND		1.5		ug/m3			12/30/14 00:27	1
Ethylbenzene	ND		0.35		ug/m3			12/30/14 00:27	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/30/14 00:27	1
Hexane	ND		0.70		ug/m3			12/30/14 00:27	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/30/14 00:27	1
Methylene Chloride	**0.69**		0.69		ug/m3			12/30/14 00:27	1
m-Xylene & p-Xylene	**0.65**		0.35		ug/m3			12/30/14 00:27	1
o-Xylene	ND		0.35		ug/m3			12/30/14 00:27	1
Styrene	ND		0.34		ug/m3			12/30/14 00:27	1
t-Butyl alcohol	ND		0.97		ug/m3			12/30/14 00:27	1
Tetrachloroethene	**2.7**		0.54		ug/m3			12/30/14 00:27	1
Toluene	**0.56**		0.45		ug/m3			12/30/14 00:27	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/30/14 00:27	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/30/14 00:27	1
Trichloroethene	ND		0.21		ug/m3			12/30/14 00:27	1
Trichlorofluoromethane	**1.3**		0.45		ug/m3			12/30/14 00:27	1
Vinyl chloride	ND		0.20		ug/m3			12/30/14 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*60 - 140*		*12/30/14 00:27*	*1*

Client Sample ID: B01-SS2-20141216

Lab Sample ID: 140-2499-10

Date Collected: 12/16/14 17:36
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,1-Dichloroethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/30/14 01:21	1.79
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,2,4-Trimethylbenzene	**5.5**		0.080		ppb v/v			12/30/14 01:21	1.79
1,2-Dibromoethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,2-Dichloroethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,2-Dichloropropane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79

Client Sample ID: B01-SS2-20141216
Lab Sample ID: 140-2499-10
Date Collected: 12/16/14 17:36
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	**2.7**		0.080		ppb v/v			12/30/14 01:21	1.79
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,4-Dichlorobenzene	**0.14**		0.080		ppb v/v			12/30/14 01:21	1.79
1,4-Dioxane	ND		0.20		ppb v/v			12/30/14 01:21	1.79
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			12/30/14 01:21	1.79
2-Butanone	**1.6**		0.32		ppb v/v			12/30/14 01:21	1.79
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			12/30/14 01:21	1.79
Benzene	**0.14**		0.080		ppb v/v			12/30/14 01:21	1.79
Benzyl chloride	ND		0.16		ppb v/v			12/30/14 01:21	1.79
Bromodichloromethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Bromoform	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Bromomethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Carbon tetrachloride	ND		0.040		ppb v/v			12/30/14 01:21	1.79
Chlorobenzene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Chloroethane	**0.12**		0.080		ppb v/v			12/30/14 01:21	1.79
Chloroform	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Chloromethane	**0.20**		0.20		ppb v/v			12/30/14 01:21	1.79
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Cyclohexane	ND		0.20		ppb v/v			12/30/14 01:21	1.79
Dibromochloromethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Dichlorodifluoromethane	**0.58**		0.080		ppb v/v			12/30/14 01:21	1.79
Ethanol	**3.7**		0.80		ppb v/v			12/30/14 01:21	1.79
Ethylbenzene	**0.12**		0.080		ppb v/v			12/30/14 01:21	1.79
Hexachlorobutadiene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Hexane	**6.2**		0.20		ppb v/v			12/30/14 01:21	1.79
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/30/14 01:21	1.79
Methylene Chloride	**0.63**		0.20		ppb v/v			12/30/14 01:21	1.79
m-Xylene & p-Xylene	**0.48**		0.080		ppb v/v			12/30/14 01:21	1.79
o-Xylene	**0.46**		0.080		ppb v/v			12/30/14 01:21	1.79
Styrene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
t-Butyl alcohol	ND		0.32		ppb v/v			12/30/14 01:21	1.79
Tetrachloroethene	**4.7**		0.080		ppb v/v			12/30/14 01:21	1.79
Toluene	**0.82**		0.12		ppb v/v			12/30/14 01:21	1.79
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Trichloroethene	ND		0.040		ppb v/v			12/30/14 01:21	1.79
Trichlorofluoromethane	**0.53**		0.080		ppb v/v			12/30/14 01:21	1.79
Vinyl chloride	ND		0.080		ppb v/v			12/30/14 01:21	1.79

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/30/14 01:21	1.79
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/30/14 01:21	1.79
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/30/14 01:21	1.79
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/30/14 01:21	1.79
1,1-Dichloroethane	ND		0.32		ug/m3			12/30/14 01:21	1.79
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/30/14 01:21	1.79
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/30/14 01:21	1.79
1,2,4-Trimethylbenzene	**27**		0.39		ug/m3			12/30/14 01:21	1.79

Client Sample ID: B01-SS2-20141216
Lab Sample ID: 140-2499-10
Date Collected: 12/16/14 17:36
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.61		ug/m3			12/30/14 01:21	1.79
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 01:21	1.79
1,2-Dichloroethane	ND		0.32		ug/m3			12/30/14 01:21	1.79
1,2-Dichloropropane	ND		0.37		ug/m3			12/30/14 01:21	1.79
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/30/14 01:21	1.79
1,3,5-Trimethylbenzene	**13**		0.39		ug/m3			12/30/14 01:21	1.79
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 01:21	1.79
1,4-Dichlorobenzene	**0.82**		0.48		ug/m3			12/30/14 01:21	1.79
1,4-Dioxane	ND		0.72		ug/m3			12/30/14 01:21	1.79
2,2,4-Trimethylpentane	ND		0.93		ug/m3			12/30/14 01:21	1.79
2-Butanone	**4.7**		0.94		ug/m3			12/30/14 01:21	1.79
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			12/30/14 01:21	1.79
Benzene	**0.45**		0.26		ug/m3			12/30/14 01:21	1.79
Benzyl chloride	ND		0.83		ug/m3			12/30/14 01:21	1.79
Bromodichloromethane	ND		0.54		ug/m3			12/30/14 01:21	1.79
Bromoform	ND		0.83		ug/m3			12/30/14 01:21	1.79
Bromomethane	ND		0.31		ug/m3			12/30/14 01:21	1.79
Carbon tetrachloride	ND		0.25		ug/m3			12/30/14 01:21	1.79
Chlorobenzene	ND		0.37		ug/m3			12/30/14 01:21	1.79
Chloroethane	**0.32**		0.21		ug/m3			12/30/14 01:21	1.79
Chloroform	ND		0.39		ug/m3			12/30/14 01:21	1.79
Chloromethane	**0.41**		0.41		ug/m3			12/30/14 01:21	1.79
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/30/14 01:21	1.79
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/30/14 01:21	1.79
Cyclohexane	ND		0.69		ug/m3			12/30/14 01:21	1.79
Dibromochloromethane	ND		0.68		ug/m3			12/30/14 01:21	1.79
Dichlorodifluoromethane	**2.9**		0.40		ug/m3			12/30/14 01:21	1.79
Ethanol	**6.9**		1.5		ug/m3			12/30/14 01:21	1.79
Ethylbenzene	**0.54**		0.35		ug/m3			12/30/14 01:21	1.79
Hexachlorobutadiene	ND		0.85		ug/m3			12/30/14 01:21	1.79
Hexane	**22**		0.70		ug/m3			12/30/14 01:21	1.79
Methyl tert-butyl ether	ND		0.58		ug/m3			12/30/14 01:21	1.79
Methylene Chloride	**2.2**		0.69		ug/m3			12/30/14 01:21	1.79
m-Xylene & p-Xylene	**2.1**		0.35		ug/m3			12/30/14 01:21	1.79
o-Xylene	**2.0**		0.35		ug/m3			12/30/14 01:21	1.79
Styrene	ND		0.34		ug/m3			12/30/14 01:21	1.79
t-Butyl alcohol	ND		0.97		ug/m3			12/30/14 01:21	1.79
Tetrachloroethene	**32**		0.54		ug/m3			12/30/14 01:21	1.79
Toluene	**3.1**		0.45		ug/m3			12/30/14 01:21	1.79
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/30/14 01:21	1.79
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/30/14 01:21	1.79
Trichloroethene	ND		0.21		ug/m3			12/30/14 01:21	1.79
Trichlorofluoromethane	**3.0**		0.45		ug/m3			12/30/14 01:21	1.79
Vinyl chloride	ND		0.20		ug/m3			12/30/14 01:21	1.79

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*60 - 140*		*12/30/14 01:21*	*1.79*

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B01-IA2-20141216
Lab Sample ID: 140-2499-11
Date Collected: 12/16/14 17:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/30/14 02:12	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/30/14 02:12	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/30/14 02:12	1
1,1,2-Trichlorotrifluoroethane	**0.084**		0.080		ppb v/v			12/30/14 02:12	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/30/14 02:12	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/30/14 02:12	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/30/14 02:12	1
1,2,4-Trimethylbenzene	**0.13**		0.080		ppb v/v			12/30/14 02:12	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/30/14 02:12	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 02:12	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/30/14 02:12	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/30/14 02:12	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/30/14 02:12	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/30/14 02:12	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 02:12	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 02:12	1
1,4-Dioxane	ND		0.20		ppb v/v			12/30/14 02:12	1
2,2,4-Trimethylpentane	**0.55**		0.20		ppb v/v			12/30/14 02:12	1
2-Butanone	**0.52**		0.32		ppb v/v			12/30/14 02:12	1
4-Methyl-2-pentanone (MIBK)	**0.20**		0.20		ppb v/v			12/30/14 02:12	1
Benzene	**0.78**		0.080		ppb v/v			12/30/14 02:12	1
Benzyl chloride	ND		0.16		ppb v/v			12/30/14 02:12	1
Bromodichloromethane	ND		0.080		ppb v/v			12/30/14 02:12	1
Bromoform	ND		0.080		ppb v/v			12/30/14 02:12	1
Bromomethane	ND		0.080		ppb v/v			12/30/14 02:12	1
Carbon tetrachloride	**0.10**		0.040		ppb v/v			12/30/14 02:12	1
Chlorobenzene	ND		0.080		ppb v/v			12/30/14 02:12	1
Chloroethane	ND		0.080		ppb v/v			12/30/14 02:12	1
Chloroform	ND		0.080		ppb v/v			12/30/14 02:12	1
Chloromethane	**0.53**		0.20		ppb v/v			12/30/14 02:12	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/30/14 02:12	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/30/14 02:12	1
Cyclohexane	**0.37**		0.20		ppb v/v			12/30/14 02:12	1
Dibromochloromethane	ND		0.080		ppb v/v			12/30/14 02:12	1
Dichlorodifluoromethane	**0.59**		0.080		ppb v/v			12/30/14 02:12	1
Ethanol	**14**		0.80		ppb v/v			12/30/14 02:12	1
Ethylbenzene	**0.18**		0.080		ppb v/v			12/30/14 02:12	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/30/14 02:12	1
Hexane	**0.76**		0.20		ppb v/v			12/30/14 02:12	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/30/14 02:12	1
Methylene Chloride	**0.54**		0.20		ppb v/v			12/30/14 02:12	1
m-Xylene & p-Xylene	**0.63**		0.080		ppb v/v			12/30/14 02:12	1
o-Xylene	**0.23**		0.080		ppb v/v			12/30/14 02:12	1
Styrene	ND		0.080		ppb v/v			12/30/14 02:12	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/30/14 02:12	1
Tetrachloroethene	**0.20**		0.080		ppb v/v			12/30/14 02:12	1
Toluene	**1.5**		0.12		ppb v/v			12/30/14 02:12	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/30/14 02:12	1

Client Sample ID: B01-IA2-20141216
Lab Sample ID: 140-2499-11
Date Collected: 12/16/14 17:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/30/14 02:12	1
Trichloroethene	**0.10**		0.040		ppb v/v			12/30/14 02:12	1
Trichlorofluoromethane	**0.59**		0.080		ppb v/v			12/30/14 02:12	1
Vinyl chloride	ND		0.080		ppb v/v			12/30/14 02:12	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/30/14 02:12	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/30/14 02:12	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/30/14 02:12	1
1,1,2-Trichlorotrifluoroethane	**0.64**		0.61		ug/m3			12/30/14 02:12	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/30/14 02:12	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/30/14 02:12	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/30/14 02:12	1
1,2,4-Trimethylbenzene	**0.66**		0.39		ug/m3			12/30/14 02:12	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/30/14 02:12	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 02:12	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/30/14 02:12	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/30/14 02:12	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/30/14 02:12	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/30/14 02:12	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 02:12	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 02:12	1
1,4-Dioxane	ND		0.72		ug/m3			12/30/14 02:12	1
2,2,4-Trimethylpentane	**2.6**		0.93		ug/m3			12/30/14 02:12	1
2-Butanone	**1.5**		0.94		ug/m3			12/30/14 02:12	1
4-Methyl-2-pentanone (MIBK)	**0.82**		0.82		ug/m3			12/30/14 02:12	1
Benzene	**2.5**		0.26		ug/m3			12/30/14 02:12	1
Benzyl chloride	ND		0.83		ug/m3			12/30/14 02:12	1
Bromodichloromethane	ND		0.54		ug/m3			12/30/14 02:12	1
Bromoform	ND		0.83		ug/m3			12/30/14 02:12	1
Bromomethane	ND		0.31		ug/m3			12/30/14 02:12	1
Carbon tetrachloride	**0.64**		0.25		ug/m3			12/30/14 02:12	1
Chlorobenzene	ND		0.37		ug/m3			12/30/14 02:12	1
Chloroethane	ND		0.21		ug/m3			12/30/14 02:12	1
Chloroform	ND		0.39		ug/m3			12/30/14 02:12	1
Chloromethane	**1.1**		0.41		ug/m3			12/30/14 02:12	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/30/14 02:12	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/30/14 02:12	1
Cyclohexane	**1.3**		0.69		ug/m3			12/30/14 02:12	1
Dibromochloromethane	ND		0.68		ug/m3			12/30/14 02:12	1
Dichlorodifluoromethane	**2.9**		0.40		ug/m3			12/30/14 02:12	1
Ethanol	**26**		1.5		ug/m3			12/30/14 02:12	1
Ethylbenzene	**0.80**		0.35		ug/m3			12/30/14 02:12	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/30/14 02:12	1
Hexane	**2.7**		0.70		ug/m3			12/30/14 02:12	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/30/14 02:12	1
Methylene Chloride	**1.9**		0.69		ug/m3			12/30/14 02:12	1
m-Xylene & p-Xylene	**2.8**		0.35		ug/m3			12/30/14 02:12	1
o-Xylene	**0.98**		0.35		ug/m3			12/30/14 02:12	1

Client Sample ID: B01-IA2-20141216

Lab Sample ID: 140-2499-11

Date Collected: 12/16/14 17:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.34		ug/m3			12/30/14 02:12	1
t-Butyl alcohol	ND		0.97		ug/m3			12/30/14 02:12	1
Tetrachloroethene	**1.4**		0.54		ug/m3			12/30/14 02:12	1
Toluene	**5.5**		0.45		ug/m3			12/30/14 02:12	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/30/14 02:12	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/30/14 02:12	1
Trichloroethene	**0.55**		0.21		ug/m3			12/30/14 02:12	1
Trichlorofluoromethane	**3.3**		0.45		ug/m3			12/30/14 02:12	1
Vinyl chloride	ND		0.20		ug/m3			12/30/14 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*60 - 140*		*12/30/14 02:12*	*1*

Client Sample ID: B01-SS1-20141216

Lab Sample ID: 140-2499-12

Date Collected: 12/16/14 17:20
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/30/14 03:03	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/30/14 03:03	1
1,2,4-Trimethylbenzene	**2.3**		0.080		ppb v/v			12/30/14 03:03	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 03:03	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,3,5-Trimethylbenzene	**0.94**		0.080		ppb v/v			12/30/14 03:03	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 03:03	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 03:03	1
1,4-Dioxane	ND		0.20		ppb v/v			12/30/14 03:03	1
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			12/30/14 03:03	1
2-Butanone	**0.46**		0.32		ppb v/v			12/30/14 03:03	1
4-Methyl-2-pentanone (MIBK)	**4.4**		0.20		ppb v/v			12/30/14 03:03	1
Benzene	**0.13**		0.080		ppb v/v			12/30/14 03:03	1
Benzyl chloride	ND		0.16		ppb v/v			12/30/14 03:03	1
Bromodichloromethane	ND		0.080		ppb v/v			12/30/14 03:03	1
Bromoform	ND		0.080		ppb v/v			12/30/14 03:03	1
Bromomethane	ND		0.080		ppb v/v			12/30/14 03:03	1
Carbon tetrachloride	**0.050**		0.040		ppb v/v			12/30/14 03:03	1
Chlorobenzene	ND		0.080		ppb v/v			12/30/14 03:03	1
Chloroethane	ND		0.080		ppb v/v			12/30/14 03:03	1
Chloroform	ND		0.080		ppb v/v			12/30/14 03:03	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B01-SS1-20141216
Lab Sample ID: 140-2499-12
Date Collected: 12/16/14 17:20
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		0.20		ppb v/v			12/30/14 03:03	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/30/14 03:03	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/30/14 03:03	1
Cyclohexane	ND		0.20		ppb v/v			12/30/14 03:03	1
Dibromochloromethane	ND		0.080		ppb v/v			12/30/14 03:03	1
Dichlorodifluoromethane	**0.49**		0.080		ppb v/v			12/30/14 03:03	1
Ethanol	**2.8**		0.80		ppb v/v			12/30/14 03:03	1
Ethylbenzene	**0.25**		0.080		ppb v/v			12/30/14 03:03	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/30/14 03:03	1
Hexane	**2.1**		0.20		ppb v/v			12/30/14 03:03	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/30/14 03:03	1
Methylene Chloride	**0.27**		0.20		ppb v/v			12/30/14 03:03	1
m-Xylene & p-Xylene	**1.0**		0.080		ppb v/v			12/30/14 03:03	1
o-Xylene	**0.49**		0.080		ppb v/v			12/30/14 03:03	1
Styrene	ND		0.080		ppb v/v			12/30/14 03:03	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/30/14 03:03	1
Tetrachloroethene	**36**	**E**	0.080		ppb v/v			12/30/14 03:03	1
Toluene	**0.99**		0.12		ppb v/v			12/30/14 03:03	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/30/14 03:03	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/30/14 03:03	1
Trichloroethene	**0.059**		0.040		ppb v/v			12/30/14 03:03	1
Trichlorofluoromethane	**0.30**		0.080		ppb v/v			12/30/14 03:03	1
Vinyl chloride	ND		0.080		ppb v/v			12/30/14 03:03	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/30/14 03:03	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/30/14 03:03	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/30/14 03:03	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/30/14 03:03	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/30/14 03:03	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/30/14 03:03	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/30/14 03:03	1
1,2,4-Trimethylbenzene	**11**		0.39		ug/m3			12/30/14 03:03	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/30/14 03:03	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 03:03	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/30/14 03:03	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/30/14 03:03	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/30/14 03:03	1
1,3,5-Trimethylbenzene	**4.6**		0.39		ug/m3			12/30/14 03:03	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 03:03	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 03:03	1
1,4-Dioxane	ND		0.72		ug/m3			12/30/14 03:03	1
2,2,4-Trimethylpentane	ND		0.93		ug/m3			12/30/14 03:03	1
2-Butanone	**1.3**		0.94		ug/m3			12/30/14 03:03	1
4-Methyl-2-pentanone (MIBK)	**18**		0.82		ug/m3			12/30/14 03:03	1
Benzene	**0.43**		0.26		ug/m3			12/30/14 03:03	1
Benzyl chloride	ND		0.83		ug/m3			12/30/14 03:03	1
Bromodichloromethane	ND		0.54		ug/m3			12/30/14 03:03	1
Bromoform	ND		0.83		ug/m3			12/30/14 03:03	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B01-SS1-20141216
Lab Sample ID: 140-2499-12
Date Collected: 12/16/14 17:20
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		0.31		ug/m3			12/30/14 03:03	1
Carbon tetrachloride	**0.31**		0.25		ug/m3			12/30/14 03:03	1
Chlorobenzene	ND		0.37		ug/m3			12/30/14 03:03	1
Chloroethane	ND		0.21		ug/m3			12/30/14 03:03	1
Chloroform	ND		0.39		ug/m3			12/30/14 03:03	1
Chloromethane	ND		0.41		ug/m3			12/30/14 03:03	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/30/14 03:03	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/30/14 03:03	1
Cyclohexane	ND		0.69		ug/m3			12/30/14 03:03	1
Dibromochloromethane	ND		0.68		ug/m3			12/30/14 03:03	1
Dichlorodifluoromethane	**2.4**		0.40		ug/m3			12/30/14 03:03	1
Ethanol	**5.3**		1.5		ug/m3			12/30/14 03:03	1
Ethylbenzene	**1.1**		0.35		ug/m3			12/30/14 03:03	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/30/14 03:03	1
Hexane	**7.3**		0.70		ug/m3			12/30/14 03:03	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/30/14 03:03	1
Methylene Chloride	**0.92**		0.69		ug/m3			12/30/14 03:03	1
m-Xylene & p-Xylene	**4.5**		0.35		ug/m3			12/30/14 03:03	1
o-Xylene	**2.1**		0.35		ug/m3			12/30/14 03:03	1
Styrene	ND		0.34		ug/m3			12/30/14 03:03	1
t-Butyl alcohol	ND		0.97		ug/m3			12/30/14 03:03	1
Tetrachloroethene	**250**	**E**	0.54		ug/m3			12/30/14 03:03	1
Toluene	**3.7**		0.45		ug/m3			12/30/14 03:03	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/30/14 03:03	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/30/14 03:03	1
Trichloroethene	**0.32**		0.21		ug/m3			12/30/14 03:03	1
Trichlorofluoromethane	**1.7**		0.45		ug/m3			12/30/14 03:03	1
Vinyl chloride	ND		0.20		ug/m3			12/30/14 03:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*60 - 140*		*12/30/14 03:03*	*1*

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**30**		0.40		ppb v/v			12/30/14 07:44	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**200**		2.7		ug/m3			12/30/14 07:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*60 - 140*		*12/30/14 07:44*	*1*

Client Sample ID: B04-OA1-20140114
Lab Sample ID: 140-757-1
Date Collected: 01/15/14 11:30
Matrix: Air
Date Received: 01/20/14 10:20
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			01/23/14 04:20	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			01/23/14 04:20	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			01/23/14 04:20	1
1,1,2-Trichlorotrifluoroethane	**0.085**		0.080		ppb v/v			01/23/14 04:20	1
1,1-Dichloroethane	ND		0.080		ppb v/v			01/23/14 04:20	1
1,1-Dichloroethene	ND		0.080		ppb v/v			01/23/14 04:20	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			01/23/14 04:20	1
1,2,4-Trimethylbenzene	**0.15**		0.080		ppb v/v			01/23/14 04:20	1
1,2-Dibromoethane	ND		0.080		ppb v/v			01/23/14 04:20	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			01/23/14 04:20	1
1,2-Dichloroethane	ND		0.080		ppb v/v			01/23/14 04:20	1
1,2-Dichloropropane	ND		0.080		ppb v/v			01/23/14 04:20	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			01/23/14 04:20	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			01/23/14 04:20	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			01/23/14 04:20	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			01/23/14 04:20	1
1,4-Dioxane	ND		0.20		ppb v/v			01/23/14 04:20	1
2,2,4-Trimethylpentane	**0.21**		0.20		ppb v/v			01/23/14 04:20	1
2-Butanone	**0.32**		0.32		ppb v/v			01/23/14 04:20	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			01/23/14 04:20	1
Benzene	**0.40**		0.080		ppb v/v			01/23/14 04:20	1
Benzyl chloride	ND		0.16		ppb v/v			01/23/14 04:20	1
Bromodichloromethane	ND		0.080		ppb v/v			01/23/14 04:20	1
Bromoform	ND		0.080		ppb v/v			01/23/14 04:20	1
Bromomethane	ND		0.080		ppb v/v			01/23/14 04:20	1
Carbon tetrachloride	**0.10**		0.040		ppb v/v			01/23/14 04:20	1
Chlorobenzene	ND		0.080		ppb v/v			01/23/14 04:20	1
Chloroethane	ND		0.080		ppb v/v			01/23/14 04:20	1
Chloroform	ND		0.080		ppb v/v			01/23/14 04:20	1
Chloromethane	**0.78**		0.20		ppb v/v			01/23/14 04:20	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			01/23/14 04:20	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			01/23/14 04:20	1
Cyclohexane	ND		0.20		ppb v/v			01/23/14 04:20	1
Dibromochloromethane	ND		0.080		ppb v/v			01/23/14 04:20	1
Dichlorodifluoromethane	**0.42**		0.080		ppb v/v			01/23/14 04:20	1
Ethanol	**19**		0.80		ppb v/v			01/23/14 04:20	1
Ethylbenzene	**0.14**		0.080		ppb v/v			01/23/14 04:20	1
Hexachlorobutadiene	ND		0.080		ppb v/v			01/23/14 04:20	1
Hexane	**0.33**		0.20		ppb v/v			01/23/14 04:20	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			01/23/14 04:20	1
Methylene Chloride	**0.33**		0.20		ppb v/v			01/23/14 04:20	1
m-Xylene & p-Xylene	**0.46**		0.080		ppb v/v			01/23/14 04:20	1
o-Xylene	**0.17**		0.080		ppb v/v			01/23/14 04:20	1
Styrene	ND		0.080		ppb v/v			01/23/14 04:20	1
t-Butyl alcohol	ND		0.32		ppb v/v			01/23/14 04:20	1
Tetrachloroethene	**0.084**		0.080		ppb v/v			01/23/14 04:20	1
Toluene	**0.81**		0.12		ppb v/v			01/23/14 04:20	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			01/23/14 04:20	1

Client Sample ID: B04-OA1-20140114
Date Collected: 01/15/14 11:30
Date Received: 01/20/14 10:20
Sample Container: Summa Canister 6L

Lab Sample ID: 140-757-1
Matrix: Air

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			01/23/14 04:20	1
Trichloroethene	ND		0.040		ppb v/v			01/23/14 04:20	1
Trichlorofluoromethane	**0.23**		0.080		ppb v/v			01/23/14 04:20	1
Vinyl chloride	ND		0.080		ppb v/v			01/23/14 04:20	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			01/23/14 04:20	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			01/23/14 04:20	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			01/23/14 04:20	1
1,1,2-Trichlorotrifluoroethane	**0.65**		0.61		ug/m3			01/23/14 04:20	1
1,1-Dichloroethane	ND		0.32		ug/m3			01/23/14 04:20	1
1,1-Dichloroethene	ND		0.32		ug/m3			01/23/14 04:20	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			01/23/14 04:20	1
1,2,4-Trimethylbenzene	**0.75**		0.39		ug/m3			01/23/14 04:20	1
1,2-Dibromoethane	ND		0.61		ug/m3			01/23/14 04:20	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			01/23/14 04:20	1
1,2-Dichloroethane	ND		0.32		ug/m3			01/23/14 04:20	1
1,2-Dichloropropane	ND		0.37		ug/m3			01/23/14 04:20	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			01/23/14 04:20	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			01/23/14 04:20	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			01/23/14 04:20	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			01/23/14 04:20	1
1,4-Dioxane	ND		0.72		ug/m3			01/23/14 04:20	1
2,2,4-Trimethylpentane	**0.96**		0.93		ug/m3			01/23/14 04:20	1
2-Butanone	**0.95**		0.94		ug/m3			01/23/14 04:20	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			01/23/14 04:20	1
Benzene	**1.3**		0.26		ug/m3			01/23/14 04:20	1
Benzyl chloride	ND		0.83		ug/m3			01/23/14 04:20	1
Bromodichloromethane	ND		0.54		ug/m3			01/23/14 04:20	1
Bromoform	ND		0.83		ug/m3			01/23/14 04:20	1
Bromomethane	ND		0.31		ug/m3			01/23/14 04:20	1
Carbon tetrachloride	**0.63**		0.25		ug/m3			01/23/14 04:20	1
Chlorobenzene	ND		0.37		ug/m3			01/23/14 04:20	1
Chloroethane	ND		0.21		ug/m3			01/23/14 04:20	1
Chloroform	ND		0.39		ug/m3			01/23/14 04:20	1
Chloromethane	**1.6**		0.41		ug/m3			01/23/14 04:20	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			01/23/14 04:20	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			01/23/14 04:20	1
Cyclohexane	ND		0.69		ug/m3			01/23/14 04:20	1
Dibromochloromethane	ND		0.68		ug/m3			01/23/14 04:20	1
Dichlorodifluoromethane	**2.1**		0.40		ug/m3			01/23/14 04:20	1
Ethanol	**36**		1.5		ug/m3			01/23/14 04:20	1
Ethylbenzene	**0.62**		0.35		ug/m3			01/23/14 04:20	1
Hexachlorobutadiene	ND		0.85		ug/m3			01/23/14 04:20	1
Hexane	**1.2**		0.70		ug/m3			01/23/14 04:20	1
Methyl tert-butyl ether	ND		0.58		ug/m3			01/23/14 04:20	1
Methylene Chloride	**1.1**		0.69		ug/m3			01/23/14 04:20	1
m-Xylene & p-Xylene	**2.0**		0.35		ug/m3			01/23/14 04:20	1
o-Xylene	**0.74**		0.35		ug/m3			01/23/14 04:20	1

Client Sample ID: B04-OA1-20140114

Lab Sample ID: 140-757-1

Date Collected: 01/15/14 11:30

Matrix: Air

Date Received: 01/20/14 10:20

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.34		ug/m3			01/23/14 04:20	1
t-Butyl alcohol	ND		0.97		ug/m3			01/23/14 04:20	1
Tetrachloroethene	**0.57**		0.54		ug/m3			01/23/14 04:20	1
Toluene	**3.1**		0.45		ug/m3			01/23/14 04:20	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			01/23/14 04:20	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			01/23/14 04:20	1
Trichloroethene	ND		0.21		ug/m3			01/23/14 04:20	1
Trichlorofluoromethane	**1.3**		0.45		ug/m3			01/23/14 04:20	1
Vinyl chloride	ND		0.20		ug/m3			01/23/14 04:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*60 - 140*		*01/23/14 04:20*	*1*

Client Sample ID: B04-IA1-20140114

Lab Sample ID: 140-757-2

Date Collected: 01/15/14 11:35

Matrix: Air

Date Received: 01/20/14 10:20

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			01/23/14 05:14	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			01/23/14 05:14	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			01/23/14 05:14	1
1,1,2-Trichlorotrifluoroethane	**0.086**		0.080		ppb v/v			01/23/14 05:14	1
1,1-Dichloroethane	ND		0.080		ppb v/v			01/23/14 05:14	1
1,1-Dichloroethene	ND		0.080		ppb v/v			01/23/14 05:14	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			01/23/14 05:14	1
1,2,4-Trimethylbenzene	**0.14**		0.080		ppb v/v			01/23/14 05:14	1
1,2-Dibromoethane	ND		0.080		ppb v/v			01/23/14 05:14	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			01/23/14 05:14	1
1,2-Dichloroethane	**0.24**		0.080		ppb v/v			01/23/14 05:14	1
1,2-Dichloropropane	ND		0.080		ppb v/v			01/23/14 05:14	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			01/23/14 05:14	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			01/23/14 05:14	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			01/23/14 05:14	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			01/23/14 05:14	1
1,4-Dioxane	ND		0.20		ppb v/v			01/23/14 05:14	1
2,2,4-Trimethylpentane	**1.5**		0.20		ppb v/v			01/23/14 05:14	1
2-Butanone	**1.1**		0.32		ppb v/v			01/23/14 05:14	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			01/23/14 05:14	1
Benzene	**0.32**		0.080		ppb v/v			01/23/14 05:14	1
Benzyl chloride	ND		0.16		ppb v/v			01/23/14 05:14	1
Bromodichloromethane	ND		0.080		ppb v/v			01/23/14 05:14	1
Bromoform	ND		0.080		ppb v/v			01/23/14 05:14	1
Bromomethane	ND		0.080		ppb v/v			01/23/14 05:14	1
Carbon tetrachloride	**0.18**		0.040		ppb v/v			01/23/14 05:14	1
Chlorobenzene	ND		0.080		ppb v/v			01/23/14 05:14	1
Chloroethane	ND		0.080		ppb v/v			01/23/14 05:14	1
Chloroform	**0.67**		0.080		ppb v/v			01/23/14 05:14	1

Client Sample ID: B04-IA1-20140114
Lab Sample ID: 140-757-2
Date Collected: 01/15/14 11:35
Matrix: Air
Date Received: 01/20/14 10:20
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	**0.89**		0.20		ppb v/v			01/23/14 05:14	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			01/23/14 05:14	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			01/23/14 05:14	1
Cyclohexane	ND		0.20		ppb v/v			01/23/14 05:14	1
Dibromochloromethane	ND		0.080		ppb v/v			01/23/14 05:14	1
Dichlorodifluoromethane	**0.40**		0.080		ppb v/v			01/23/14 05:14	1
Ethanol	**710**	**E**	0.80		ppb v/v			01/23/14 05:14	1
Ethylbenzene	**0.12**		0.080		ppb v/v			01/23/14 05:14	1
Hexachlorobutadiene	ND		0.080		ppb v/v			01/23/14 05:14	1
Hexane	**0.31**		0.20		ppb v/v			01/23/14 05:14	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			01/23/14 05:14	1
Methylene Chloride	**0.41**		0.20		ppb v/v			01/23/14 05:14	1
m-Xylene & p-Xylene	**0.42**		0.080		ppb v/v			01/23/14 05:14	1
o-Xylene	**0.13**		0.080		ppb v/v			01/23/14 05:14	1
Styrene	ND		0.080		ppb v/v			01/23/14 05:14	1
t-Butyl alcohol	**0.51**		0.32		ppb v/v			01/23/14 05:14	1
Tetrachloroethene	**0.090**		0.080		ppb v/v			01/23/14 05:14	1
Toluene	**0.90**		0.12		ppb v/v			01/23/14 05:14	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			01/23/14 05:14	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			01/23/14 05:14	1
Trichloroethene	ND		0.040		ppb v/v			01/23/14 05:14	1
Trichlorofluoromethane	**0.23**		0.080		ppb v/v			01/23/14 05:14	1
Vinyl chloride	ND		0.080		ppb v/v			01/23/14 05:14	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			01/23/14 05:14	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			01/23/14 05:14	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			01/23/14 05:14	1
1,1,2-Trichlorotrifluoroethane	**0.66**		0.61		ug/m3			01/23/14 05:14	1
1,1-Dichloroethane	ND		0.32		ug/m3			01/23/14 05:14	1
1,1-Dichloroethene	ND		0.32		ug/m3			01/23/14 05:14	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			01/23/14 05:14	1
1,2,4-Trimethylbenzene	**0.69**		0.39		ug/m3			01/23/14 05:14	1
1,2-Dibromoethane	ND		0.61		ug/m3			01/23/14 05:14	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			01/23/14 05:14	1
1,2-Dichloroethane	**0.95**		0.32		ug/m3			01/23/14 05:14	1
1,2-Dichloropropane	ND		0.37		ug/m3			01/23/14 05:14	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			01/23/14 05:14	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			01/23/14 05:14	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			01/23/14 05:14	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			01/23/14 05:14	1
1,4-Dioxane	ND		0.72		ug/m3			01/23/14 05:14	1
2,2,4-Trimethylpentane	**7.2**		0.93		ug/m3			01/23/14 05:14	1
2-Butanone	**3.2**		0.94		ug/m3			01/23/14 05:14	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			01/23/14 05:14	1
Benzene	**1.0**		0.26		ug/m3			01/23/14 05:14	1
Benzyl chloride	ND		0.83		ug/m3			01/23/14 05:14	1
Bromodichloromethane	ND		0.54		ug/m3			01/23/14 05:14	1
Bromoform	ND		0.83		ug/m3			01/23/14 05:14	1

Client Sample ID: B04-IA1-20140114
Lab Sample ID: 140-757-2
Date Collected: 01/15/14 11:35
Matrix: Air
Date Received: 01/20/14 10:20
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		0.31		ug/m3			01/23/14 05:14	1
Carbon tetrachloride	**1.1**		0.25		ug/m3			01/23/14 05:14	1
Chlorobenzene	ND		0.37		ug/m3			01/23/14 05:14	1
Chloroethane	ND		0.21		ug/m3			01/23/14 05:14	1
Chloroform	**3.3**		0.39		ug/m3			01/23/14 05:14	1
Chloromethane	**1.8**		0.41		ug/m3			01/23/14 05:14	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			01/23/14 05:14	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			01/23/14 05:14	1
Cyclohexane	ND		0.69		ug/m3			01/23/14 05:14	1
Dibromochloromethane	ND		0.68		ug/m3			01/23/14 05:14	1
Dichlorodifluoromethane	**2.0**		0.40		ug/m3			01/23/14 05:14	1
Ethanol	**1300**	**E**	1.5		ug/m3			01/23/14 05:14	1
Ethylbenzene	**0.53**		0.35		ug/m3			01/23/14 05:14	1
Hexachlorobutadiene	ND		0.85		ug/m3			01/23/14 05:14	1
Hexane	**1.1**		0.70		ug/m3			01/23/14 05:14	1
Methyl tert-butyl ether	ND		0.58		ug/m3			01/23/14 05:14	1
Methylene Chloride	**1.4**		0.69		ug/m3			01/23/14 05:14	1
m-Xylene & p-Xylene	**1.8**		0.35		ug/m3			01/23/14 05:14	1
o-Xylene	**0.58**		0.35		ug/m3			01/23/14 05:14	1
Styrene	ND		0.34		ug/m3			01/23/14 05:14	1
t-Butyl alcohol	**1.5**		0.97		ug/m3			01/23/14 05:14	1
Tetrachloroethene	**0.61**		0.54		ug/m3			01/23/14 05:14	1
Toluene	**3.4**		0.45		ug/m3			01/23/14 05:14	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			01/23/14 05:14	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			01/23/14 05:14	1
Trichloroethene	ND		0.21		ug/m3			01/23/14 05:14	1
Trichlorofluoromethane	**1.3**		0.45		ug/m3			01/23/14 05:14	1
Vinyl chloride	ND		0.20		ug/m3			01/23/14 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*60 - 140*		*01/23/14 05:14*	*1*

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	**1100**		20		ppb v/v			01/24/14 03:38	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	**2000**		38		ug/m3			01/24/14 03:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*60 - 140*		*01/24/14 03:38*	*1*

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B03-SS1-20141215
Lab Sample ID: 140-2499-1
Date Collected: 12/16/14 10:40
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/29/14 17:47	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/29/14 17:47	1
1,2,4-Trimethylbenzene	**0.20**		0.080		ppb v/v			12/29/14 17:47	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 17:47	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/29/14 17:47	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/29/14 17:47	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 17:47	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 17:47	1
1,4-Dioxane	ND		0.20		ppb v/v			12/29/14 17:47	1
2,2,4-Trimethylpentane	**0.59**		0.20		ppb v/v			12/29/14 17:47	1
2-Butanone	**1.7**		0.32		ppb v/v			12/29/14 17:47	1
4-Methyl-2-pentanone (MIBK)	**0.37**		0.20		ppb v/v			12/29/14 17:47	1
Benzene	**0.93**		0.080		ppb v/v			12/29/14 17:47	1
Benzyl chloride	ND		0.16		ppb v/v			12/29/14 17:47	1
Bromodichloromethane	ND		0.080		ppb v/v			12/29/14 17:47	1
Bromoform	ND		0.080		ppb v/v			12/29/14 17:47	1
Bromomethane	ND		0.080		ppb v/v			12/29/14 17:47	1
Carbon tetrachloride	**0.097**		0.040		ppb v/v			12/29/14 17:47	1
Chlorobenzene	ND		0.080		ppb v/v			12/29/14 17:47	1
Chloroethane	ND		0.080		ppb v/v			12/29/14 17:47	1
Chloroform	ND		0.080		ppb v/v			12/29/14 17:47	1
Chloromethane	**0.55**		0.20		ppb v/v			12/29/14 17:47	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 17:47	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 17:47	1
Cyclohexane	**0.45**		0.20		ppb v/v			12/29/14 17:47	1
Dibromochloromethane	ND		0.080		ppb v/v			12/29/14 17:47	1
Dichlorodifluoromethane	**0.47**		0.080		ppb v/v			12/29/14 17:47	1
Ethanol	**24**		0.80		ppb v/v			12/29/14 17:47	1
Ethylbenzene	**0.27**		0.080		ppb v/v			12/29/14 17:47	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/29/14 17:47	1
Hexane	**1.1**		0.20		ppb v/v			12/29/14 17:47	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/29/14 17:47	1
Methylene Chloride	**0.43**		0.20		ppb v/v			12/29/14 17:47	1
m-Xylene & p-Xylene	**1.0**		0.080		ppb v/v			12/29/14 17:47	1
o-Xylene	**0.31**		0.080		ppb v/v			12/29/14 17:47	1
Styrene	ND		0.080		ppb v/v			12/29/14 17:47	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/29/14 17:47	1
Tetrachloroethene	**0.25**		0.080		ppb v/v			12/29/14 17:47	1
Toluene	**1.7**		0.12		ppb v/v			12/29/14 17:47	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 17:47	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B03-SS1-20141215
Date Collected: 12/16/14 10:40
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 140-2499-1
Matrix: Air

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 17:47	1
Trichloroethene	**0.081**		0.040		ppb v/v			12/29/14 17:47	1
Trichlorofluoromethane	**0.26**		0.080		ppb v/v			12/29/14 17:47	1
Vinyl chloride	ND		0.080		ppb v/v			12/29/14 17:47	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/29/14 17:47	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/29/14 17:47	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/29/14 17:47	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/29/14 17:47	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/29/14 17:47	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/29/14 17:47	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/29/14 17:47	1
1,2,4-Trimethylbenzene	**0.98**		0.39		ug/m3			12/29/14 17:47	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/29/14 17:47	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 17:47	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/29/14 17:47	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/29/14 17:47	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/29/14 17:47	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/29/14 17:47	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 17:47	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 17:47	1
1,4-Dioxane	ND		0.72		ug/m3			12/29/14 17:47	1
2,2,4-Trimethylpentane	**2.7**		0.93		ug/m3			12/29/14 17:47	1
2-Butanone	**4.9**		0.94		ug/m3			12/29/14 17:47	1
4-Methyl-2-pentanone (MIBK)	**1.5**		0.82		ug/m3			12/29/14 17:47	1
Benzene	**3.0**		0.26		ug/m3			12/29/14 17:47	1
Benzyl chloride	ND		0.83		ug/m3			12/29/14 17:47	1
Bromodichloromethane	ND		0.54		ug/m3			12/29/14 17:47	1
Bromoform	ND		0.83		ug/m3			12/29/14 17:47	1
Bromomethane	ND		0.31		ug/m3			12/29/14 17:47	1
Carbon tetrachloride	**0.61**		0.25		ug/m3			12/29/14 17:47	1
Chlorobenzene	ND		0.37		ug/m3			12/29/14 17:47	1
Chloroethane	ND		0.21		ug/m3			12/29/14 17:47	1
Chloroform	ND		0.39		ug/m3			12/29/14 17:47	1
Chloromethane	**1.1**		0.41		ug/m3			12/29/14 17:47	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 17:47	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 17:47	1
Cyclohexane	**1.5**		0.69		ug/m3			12/29/14 17:47	1
Dibromochloromethane	ND		0.68		ug/m3			12/29/14 17:47	1
Dichlorodifluoromethane	**2.3**		0.40		ug/m3			12/29/14 17:47	1
Ethanol	**46**		1.5		ug/m3			12/29/14 17:47	1
Ethylbenzene	**1.2**		0.35		ug/m3			12/29/14 17:47	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/29/14 17:47	1
Hexane	**4.0**		0.70		ug/m3			12/29/14 17:47	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/29/14 17:47	1
Methylene Chloride	**1.5**		0.69		ug/m3			12/29/14 17:47	1
m-Xylene & p-Xylene	**4.5**		0.35		ug/m3			12/29/14 17:47	1
o-Xylene	**1.3**		0.35		ug/m3			12/29/14 17:47	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B03-SS1-20141215

Lab Sample ID: 140-2499-1

Date Collected: 12/16/14 10:40
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.34		ug/m3			12/29/14 17:47	1
t-Butyl alcohol	ND		0.97		ug/m3			12/29/14 17:47	1
Tetrachloroethene	**1.7**		0.54		ug/m3			12/29/14 17:47	1
Toluene	**6.2**		0.45		ug/m3			12/29/14 17:47	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 17:47	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 17:47	1
Trichloroethene	**0.44**		0.21		ug/m3			12/29/14 17:47	1
Trichlorofluoromethane	**1.5**		0.45		ug/m3			12/29/14 17:47	1
Vinyl chloride	ND		0.20		ug/m3			12/29/14 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*60 - 140*		*12/29/14 17:47*	*1*

Client Sample ID: B03-IA1-20141215

Lab Sample ID: 140-2499-2

Date Collected: 12/16/14 10:38
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/29/14 18:36	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/29/14 18:36	1
1,2,4-Trimethylbenzene	**0.14**		0.080		ppb v/v			12/29/14 18:36	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 18:36	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/29/14 18:36	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/29/14 18:36	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 18:36	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 18:36	1
1,4-Dioxane	ND		0.20		ppb v/v			12/29/14 18:36	1
2,2,4-Trimethylpentane	**0.56**		0.20		ppb v/v			12/29/14 18:36	1
2-Butanone	**1.4**		0.32		ppb v/v			12/29/14 18:36	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			12/29/14 18:36	1
Benzene	**0.87**		0.080		ppb v/v			12/29/14 18:36	1
Benzyl chloride	ND		0.16		ppb v/v			12/29/14 18:36	1
Bromodichloromethane	ND		0.080		ppb v/v			12/29/14 18:36	1
Bromoform	ND		0.080		ppb v/v			12/29/14 18:36	1
Bromomethane	ND		0.080		ppb v/v			12/29/14 18:36	1
Carbon tetrachloride	**0.097**		0.040		ppb v/v			12/29/14 18:36	1
Chlorobenzene	ND		0.080		ppb v/v			12/29/14 18:36	1
Chloroethane	ND		0.080		ppb v/v			12/29/14 18:36	1
Chloroform	ND		0.080		ppb v/v			12/29/14 18:36	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B03-IA1-20141215
Lab Sample ID: 140-2499-2
Date Collected: 12/16/14 10:38
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	**0.56**		0.20		ppb v/v			12/29/14 18:36	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 18:36	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 18:36	1
Cyclohexane	**0.42**		0.20		ppb v/v			12/29/14 18:36	1
Dibromochloromethane	ND		0.080		ppb v/v			12/29/14 18:36	1
Dichlorodifluoromethane	**0.47**		0.080		ppb v/v			12/29/14 18:36	1
Ethanol	**36**		0.80		ppb v/v			12/29/14 18:36	1
Ethylbenzene	**0.22**		0.080		ppb v/v			12/29/14 18:36	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/29/14 18:36	1
Hexane	**1.1**		0.20		ppb v/v			12/29/14 18:36	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/29/14 18:36	1
Methylene Chloride	**0.61**		0.20		ppb v/v			12/29/14 18:36	1
m-Xylene & p-Xylene	**0.73**		0.080		ppb v/v			12/29/14 18:36	1
o-Xylene	**0.24**		0.080		ppb v/v			12/29/14 18:36	1
Styrene	ND		0.080		ppb v/v			12/29/14 18:36	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/29/14 18:36	1
Tetrachloroethene	**0.17**		0.080		ppb v/v			12/29/14 18:36	1
Toluene	**1.5**		0.12		ppb v/v			12/29/14 18:36	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 18:36	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 18:36	1
Trichloroethene	**0.059**		0.040		ppb v/v			12/29/14 18:36	1
Trichlorofluoromethane	**0.26**		0.080		ppb v/v			12/29/14 18:36	1
Vinyl chloride	ND		0.080		ppb v/v			12/29/14 18:36	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/29/14 18:36	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/29/14 18:36	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/29/14 18:36	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/29/14 18:36	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/29/14 18:36	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/29/14 18:36	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/29/14 18:36	1
1,2,4-Trimethylbenzene	**0.71**		0.39		ug/m3			12/29/14 18:36	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/29/14 18:36	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 18:36	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/29/14 18:36	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/29/14 18:36	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/29/14 18:36	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/29/14 18:36	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 18:36	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 18:36	1
1,4-Dioxane	ND		0.72		ug/m3			12/29/14 18:36	1
2,2,4-Trimethylpentane	**2.6**		0.93		ug/m3			12/29/14 18:36	1
2-Butanone	**4.3**		0.94		ug/m3			12/29/14 18:36	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			12/29/14 18:36	1
Benzene	**2.8**		0.26		ug/m3			12/29/14 18:36	1
Benzyl chloride	ND		0.83		ug/m3			12/29/14 18:36	1
Bromodichloromethane	ND		0.54		ug/m3			12/29/14 18:36	1
Bromoform	ND		0.83		ug/m3			12/29/14 18:36	1

Client Sample ID: B03-IA1-20141215

Lab Sample ID: 140-2499-2

Date Collected: 12/16/14 10:38

Matrix: Air

Date Received: 12/19/14 10:30

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		0.31		ug/m3			12/29/14 18:36	1
Carbon tetrachloride	**0.61**		0.25		ug/m3			12/29/14 18:36	1
Chlorobenzene	ND		0.37		ug/m3			12/29/14 18:36	1
Chloroethane	ND		0.21		ug/m3			12/29/14 18:36	1
Chloroform	ND		0.39		ug/m3			12/29/14 18:36	1
Chloromethane	**1.2**		0.41		ug/m3			12/29/14 18:36	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 18:36	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 18:36	1
Cyclohexane	**1.5**		0.69		ug/m3			12/29/14 18:36	1
Dibromochloromethane	ND		0.68		ug/m3			12/29/14 18:36	1
Dichlorodifluoromethane	**2.3**		0.40		ug/m3			12/29/14 18:36	1
Ethanol	**67**		1.5		ug/m3			12/29/14 18:36	1
Ethylbenzene	**0.94**		0.35		ug/m3			12/29/14 18:36	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/29/14 18:36	1
Hexane	**3.9**		0.70		ug/m3			12/29/14 18:36	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/29/14 18:36	1
Methylene Chloride	**2.1**		0.69		ug/m3			12/29/14 18:36	1
m-Xylene & p-Xylene	**3.2**		0.35		ug/m3			12/29/14 18:36	1
o-Xylene	**1.1**		0.35		ug/m3			12/29/14 18:36	1
Styrene	ND		0.34		ug/m3			12/29/14 18:36	1
t-Butyl alcohol	ND		0.97		ug/m3			12/29/14 18:36	1
Tetrachloroethene	**1.1**		0.54		ug/m3			12/29/14 18:36	1
Toluene	**5.7**		0.45		ug/m3			12/29/14 18:36	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 18:36	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 18:36	1
Trichloroethene	**0.32**		0.21		ug/m3			12/29/14 18:36	1
Trichlorofluoromethane	**1.5**		0.45		ug/m3			12/29/14 18:36	1
Vinyl chloride	ND		0.20		ug/m3			12/29/14 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*60 - 140*		*12/29/14 18:36*	*1*

Client Sample ID: B03-SS2-20141215

Lab Sample ID: 140-2499-3

Date Collected: 12/16/14 10:35

Matrix: Air

Date Received: 12/19/14 10:30

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/29/14 19:26	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/29/14 19:26	1
1,2,4-Trimethylbenzene	**0.095**		0.080		ppb v/v			12/29/14 19:26	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 19:26	1

Client Sample ID: B03-SS2-20141215
Lab Sample ID: 140-2499-3
Date Collected: 12/16/14 10:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/29/14 19:26	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/29/14 19:26	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 19:26	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 19:26	1
1,4-Dioxane	ND		0.20		ppb v/v			12/29/14 19:26	1
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			12/29/14 19:26	1
2-Butanone	**0.45**		0.32		ppb v/v			12/29/14 19:26	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			12/29/14 19:26	1
Benzene	**0.34**		0.080		ppb v/v			12/29/14 19:26	1
Benzyl chloride	ND		0.16		ppb v/v			12/29/14 19:26	1
Bromodichloromethane	ND		0.080		ppb v/v			12/29/14 19:26	1
Bromoform	ND		0.080		ppb v/v			12/29/14 19:26	1
Bromomethane	ND		0.080		ppb v/v			12/29/14 19:26	1
Carbon tetrachloride	**0.079**		0.040		ppb v/v			12/29/14 19:26	1
Chlorobenzene	ND		0.080		ppb v/v			12/29/14 19:26	1
Chloroethane	ND		0.080		ppb v/v			12/29/14 19:26	1
Chloroform	ND		0.080		ppb v/v			12/29/14 19:26	1
Chloromethane	**0.22**		0.20		ppb v/v			12/29/14 19:26	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 19:26	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 19:26	1
Cyclohexane	ND		0.20		ppb v/v			12/29/14 19:26	1
Dibromochloromethane	ND		0.080		ppb v/v			12/29/14 19:26	1
Dichlorodifluoromethane	**0.48**		0.080		ppb v/v			12/29/14 19:26	1
Ethanol	**17**		0.80		ppb v/v			12/29/14 19:26	1
Ethylbenzene	**0.11**		0.080		ppb v/v			12/29/14 19:26	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/29/14 19:26	1
Hexane	**0.35**		0.20		ppb v/v			12/29/14 19:26	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/29/14 19:26	1
Methylene Chloride	**0.25**		0.20		ppb v/v			12/29/14 19:26	1
m-Xylene & p-Xylene	**0.50**		0.080		ppb v/v			12/29/14 19:26	1
o-Xylene	**0.14**		0.080		ppb v/v			12/29/14 19:26	1
Styrene	ND		0.080		ppb v/v			12/29/14 19:26	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/29/14 19:26	1
Tetrachloroethene	**4.0**		0.080		ppb v/v			12/29/14 19:26	1
Toluene	**0.60**		0.12		ppb v/v			12/29/14 19:26	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 19:26	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 19:26	1
Trichloroethene	**0.046**		0.040		ppb v/v			12/29/14 19:26	1
Trichlorofluoromethane	**0.24**		0.080		ppb v/v			12/29/14 19:26	1
Vinyl chloride	ND		0.080		ppb v/v			12/29/14 19:26	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/29/14 19:26	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/29/14 19:26	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/29/14 19:26	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/29/14 19:26	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/29/14 19:26	1

Client Sample ID: B03-SS2-20141215
Lab Sample ID: 140-2499-3
Date Collected: 12/16/14 10:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/29/14 19:26	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/29/14 19:26	1
1,2,4-Trimethylbenzene	**0.47**		0.39		ug/m3			12/29/14 19:26	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/29/14 19:26	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 19:26	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/29/14 19:26	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/29/14 19:26	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/29/14 19:26	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/29/14 19:26	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 19:26	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 19:26	1
1,4-Dioxane	ND		0.72		ug/m3			12/29/14 19:26	1
2,2,4-Trimethylpentane	ND		0.93		ug/m3			12/29/14 19:26	1
2-Butanone	**1.3**		0.94		ug/m3			12/29/14 19:26	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			12/29/14 19:26	1
Benzene	**1.1**		0.26		ug/m3			12/29/14 19:26	1
Benzyl chloride	ND		0.83		ug/m3			12/29/14 19:26	1
Bromodichloromethane	ND		0.54		ug/m3			12/29/14 19:26	1
Bromoform	ND		0.83		ug/m3			12/29/14 19:26	1
Bromomethane	ND		0.31		ug/m3			12/29/14 19:26	1
Carbon tetrachloride	**0.50**		0.25		ug/m3			12/29/14 19:26	1
Chlorobenzene	ND		0.37		ug/m3			12/29/14 19:26	1
Chloroethane	ND		0.21		ug/m3			12/29/14 19:26	1
Chloroform	ND		0.39		ug/m3			12/29/14 19:26	1
Chloromethane	**0.46**		0.41		ug/m3			12/29/14 19:26	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 19:26	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 19:26	1
Cyclohexane	ND		0.69		ug/m3			12/29/14 19:26	1
Dibromochloromethane	ND		0.68		ug/m3			12/29/14 19:26	1
Dichlorodifluoromethane	**2.4**		0.40		ug/m3			12/29/14 19:26	1
Ethanol	**32**		1.5		ug/m3			12/29/14 19:26	1
Ethylbenzene	**0.50**		0.35		ug/m3			12/29/14 19:26	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/29/14 19:26	1
Hexane	**1.2**		0.70		ug/m3			12/29/14 19:26	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/29/14 19:26	1
Methylene Chloride	**0.88**		0.69		ug/m3			12/29/14 19:26	1
m-Xylene & p-Xylene	**2.2**		0.35		ug/m3			12/29/14 19:26	1
o-Xylene	**0.60**		0.35		ug/m3			12/29/14 19:26	1
Styrene	ND		0.34		ug/m3			12/29/14 19:26	1
t-Butyl alcohol	ND		0.97		ug/m3			12/29/14 19:26	1
Tetrachloroethene	**27**		0.54		ug/m3			12/29/14 19:26	1
Toluene	**2.3**		0.45		ug/m3			12/29/14 19:26	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 19:26	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 19:26	1
Trichloroethene	**0.25**		0.21		ug/m3			12/29/14 19:26	1
Trichlorofluoromethane	**1.3**		0.45		ug/m3			12/29/14 19:26	1
Vinyl chloride	ND		0.20		ug/m3			12/29/14 19:26	1

Client Sample ID: B03-SS2-20141215

Lab Sample ID: 140-2499-3

Date Collected: 12/16/14 10:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*93*		*60 - 140*		*12/29/14 19:26*	*1*

Client Sample ID: B03-IA51-20141215

Lab Sample ID: 140-2499-4

Date Collected: 12/16/14 10:37
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/29/14 20:15	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/29/14 20:15	1
1,2,4-Trimethylbenzene	**0.17**		0.080		ppb v/v			12/29/14 20:15	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 20:15	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/29/14 20:15	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/29/14 20:15	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 20:15	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 20:15	1
1,4-Dioxane	ND		0.20		ppb v/v			12/29/14 20:15	1
2,2,4-Trimethylpentane	**0.63**		0.20		ppb v/v			12/29/14 20:15	1
2-Butanone	**1.5**		0.32		ppb v/v			12/29/14 20:15	1
4-Methyl-2-pentanone (MIBK)	**0.32**		0.20		ppb v/v			12/29/14 20:15	1
Benzene	**0.97**		0.080		ppb v/v			12/29/14 20:15	1
Benzyl chloride	ND		0.16		ppb v/v			12/29/14 20:15	1
Bromodichloromethane	ND		0.080		ppb v/v			12/29/14 20:15	1
Bromoform	ND		0.080		ppb v/v			12/29/14 20:15	1
Bromomethane	ND		0.080		ppb v/v			12/29/14 20:15	1
Carbon tetrachloride	**0.11**		0.040		ppb v/v			12/29/14 20:15	1
Chlorobenzene	ND		0.080		ppb v/v			12/29/14 20:15	1
Chloroethane	ND		0.080		ppb v/v			12/29/14 20:15	1
Chloroform	ND		0.080		ppb v/v			12/29/14 20:15	1
Chloromethane	**0.57**		0.20		ppb v/v			12/29/14 20:15	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 20:15	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 20:15	1
Cyclohexane	**0.49**		0.20		ppb v/v			12/29/14 20:15	1
Dibromochloromethane	ND		0.080		ppb v/v			12/29/14 20:15	1
Dichlorodifluoromethane	**0.50**		0.080		ppb v/v			12/29/14 20:15	1
Ethanol	**39**		0.80		ppb v/v			12/29/14 20:15	1
Ethylbenzene	**0.22**		0.080		ppb v/v			12/29/14 20:15	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/29/14 20:15	1
Hexane	**1.2**		0.20		ppb v/v			12/29/14 20:15	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/29/14 20:15	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B03-IA51-20141215
Date Collected: 12/16/14 10:37
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 140-2499-4
Matrix: Air

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	**0.45**		0.20		ppb v/v			12/29/14 20:15	1
m-Xylene & p-Xylene	**0.87**		0.080		ppb v/v			12/29/14 20:15	1
o-Xylene	**0.30**		0.080		ppb v/v			12/29/14 20:15	1
Styrene	ND		0.080		ppb v/v			12/29/14 20:15	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/29/14 20:15	1
Tetrachloroethene	**0.19**		0.080		ppb v/v			12/29/14 20:15	1
Toluene	**1.5**		0.12		ppb v/v			12/29/14 20:15	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 20:15	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 20:15	1
Trichloroethene	**0.064**		0.040		ppb v/v			12/29/14 20:15	1
Trichlorofluoromethane	**0.27**		0.080		ppb v/v			12/29/14 20:15	1
Vinyl chloride	ND		0.080		ppb v/v			12/29/14 20:15	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/29/14 20:15	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/29/14 20:15	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/29/14 20:15	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/29/14 20:15	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/29/14 20:15	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/29/14 20:15	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/29/14 20:15	1
1,2,4-Trimethylbenzene	**0.85**		0.39		ug/m3			12/29/14 20:15	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/29/14 20:15	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 20:15	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/29/14 20:15	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/29/14 20:15	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/29/14 20:15	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/29/14 20:15	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 20:15	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 20:15	1
1,4-Dioxane	ND		0.72		ug/m3			12/29/14 20:15	1
2,2,4-Trimethylpentane	**3.0**		0.93		ug/m3			12/29/14 20:15	1
2-Butanone	**4.4**		0.94		ug/m3			12/29/14 20:15	1
4-Methyl-2-pentanone (MIBK)	**1.3**		0.82		ug/m3			12/29/14 20:15	1
Benzene	**3.1**		0.26		ug/m3			12/29/14 20:15	1
Benzyl chloride	ND		0.83		ug/m3			12/29/14 20:15	1
Bromodichloromethane	ND		0.54		ug/m3			12/29/14 20:15	1
Bromoform	ND		0.83		ug/m3			12/29/14 20:15	1
Bromomethane	ND		0.31		ug/m3			12/29/14 20:15	1
Carbon tetrachloride	**0.70**		0.25		ug/m3			12/29/14 20:15	1
Chlorobenzene	ND		0.37		ug/m3			12/29/14 20:15	1
Chloroethane	ND		0.21		ug/m3			12/29/14 20:15	1
Chloroform	ND		0.39		ug/m3			12/29/14 20:15	1
Chloromethane	**1.2**		0.41		ug/m3			12/29/14 20:15	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 20:15	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 20:15	1
Cyclohexane	**1.7**		0.69		ug/m3			12/29/14 20:15	1
Dibromochloromethane	ND		0.68		ug/m3			12/29/14 20:15	1
Dichlorodifluoromethane	**2.5**		0.40		ug/m3			12/29/14 20:15	1

Client Sample ID: B03-IA51-20141215

Lab Sample ID: 140-2499-4

Date Collected: 12/16/14 10:37

Matrix: Air

Date Received: 12/19/14 10:30

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	**73**		1.5		ug/m3			12/29/14 20:15	1
Ethylbenzene	**0.94**		0.35		ug/m3			12/29/14 20:15	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/29/14 20:15	1
Hexane	**4.1**		0.70		ug/m3			12/29/14 20:15	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/29/14 20:15	1
Methylene Chloride	**1.6**		0.69		ug/m3			12/29/14 20:15	1
m-Xylene & p-Xylene	**3.8**		0.35		ug/m3			12/29/14 20:15	1
o-Xylene	**1.3**		0.35		ug/m3			12/29/14 20:15	1
Styrene	ND		0.34		ug/m3			12/29/14 20:15	1
t-Butyl alcohol	ND		0.97		ug/m3			12/29/14 20:15	1
Tetrachloroethene	**1.3**		0.54		ug/m3			12/29/14 20:15	1
Toluene	**5.7**		0.45		ug/m3			12/29/14 20:15	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 20:15	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 20:15	1
Trichloroethene	**0.34**		0.21		ug/m3			12/29/14 20:15	1
Trichlorofluoromethane	**1.5**		0.45		ug/m3			12/29/14 20:15	1
Vinyl chloride	ND		0.20		ug/m3			12/29/14 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*60 - 140*		*12/29/14 20:15*	*1*

Client Sample ID: B03-CS2-20141215

Lab Sample ID: 140-2499-5

Date Collected: 12/16/14 10:36

Matrix: Air

Date Received: 12/19/14 10:30

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/29/14 21:05	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/29/14 21:05	1
1,2,4-Trimethylbenzene	**0.12**		0.080		ppb v/v			12/29/14 21:05	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 21:05	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/29/14 21:05	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/29/14 21:05	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 21:05	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 21:05	1
1,4-Dioxane	ND		0.20		ppb v/v			12/29/14 21:05	1
2,2,4-Trimethylpentane	**0.59**		0.20		ppb v/v			12/29/14 21:05	1
2-Butanone	**0.63**		0.32		ppb v/v			12/29/14 21:05	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			12/29/14 21:05	1
Benzene	**0.85**		0.080		ppb v/v			12/29/14 21:05	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B03-CS2-20141215
Lab Sample ID: 140-2499-5
Date Collected: 12/16/14 10:36
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		0.16		ppb v/v			12/29/14 21:05	1
Bromodichloromethane	ND		0.080		ppb v/v			12/29/14 21:05	1
Bromoform	ND		0.080		ppb v/v			12/29/14 21:05	1
Bromomethane	ND		0.080		ppb v/v			12/29/14 21:05	1
Carbon tetrachloride	**0.077**		0.040		ppb v/v			12/29/14 21:05	1
Chlorobenzene	ND		0.080		ppb v/v			12/29/14 21:05	1
Chloroethane	ND		0.080		ppb v/v			12/29/14 21:05	1
Chloroform	ND		0.080		ppb v/v			12/29/14 21:05	1
Chloromethane	**0.60**		0.20		ppb v/v			12/29/14 21:05	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 21:05	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 21:05	1
Cyclohexane	**0.43**		0.20		ppb v/v			12/29/14 21:05	1
Dibromochloromethane	ND		0.080		ppb v/v			12/29/14 21:05	1
Dichlorodifluoromethane	**0.46**		0.080		ppb v/v			12/29/14 21:05	1
Ethanol	**40**		0.80		ppb v/v			12/29/14 21:05	1
Ethylbenzene	**0.19**		0.080		ppb v/v			12/29/14 21:05	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/29/14 21:05	1
Hexane	**0.98**		0.20		ppb v/v			12/29/14 21:05	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/29/14 21:05	1
Methylene Chloride	**0.53**		0.20		ppb v/v			12/29/14 21:05	1
m-Xylene & p-Xylene	**0.65**		0.080		ppb v/v			12/29/14 21:05	1
o-Xylene	**0.22**		0.080		ppb v/v			12/29/14 21:05	1
Styrene	ND		0.080		ppb v/v			12/29/14 21:05	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/29/14 21:05	1
Tetrachloroethene	**0.14**		0.080		ppb v/v			12/29/14 21:05	1
Toluene	**1.4**		0.12		ppb v/v			12/29/14 21:05	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 21:05	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 21:05	1
Trichloroethene	**0.061**		0.040		ppb v/v			12/29/14 21:05	1
Trichlorofluoromethane	**0.26**		0.080		ppb v/v			12/29/14 21:05	1
Vinyl chloride	ND		0.080		ppb v/v			12/29/14 21:05	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/29/14 21:05	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/29/14 21:05	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/29/14 21:05	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/29/14 21:05	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/29/14 21:05	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/29/14 21:05	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/29/14 21:05	1
1,2,4-Trimethylbenzene	**0.58**		0.39		ug/m3			12/29/14 21:05	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/29/14 21:05	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 21:05	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/29/14 21:05	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/29/14 21:05	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/29/14 21:05	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/29/14 21:05	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 21:05	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 21:05	1

Client Sample ID: B03-CS2-20141215

Lab Sample ID: 140-2499-5

Date Collected: 12/16/14 10:36

Matrix: Air

Date Received: 12/19/14 10:30

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.72		ug/m3			12/29/14 21:05	1
2,2,4-Trimethylpentane	**2.8**		0.93		ug/m3			12/29/14 21:05	1
2-Butanone	**1.9**		0.94		ug/m3			12/29/14 21:05	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			12/29/14 21:05	1
Benzene	**2.7**		0.26		ug/m3			12/29/14 21:05	1
Benzyl chloride	ND		0.83		ug/m3			12/29/14 21:05	1
Bromodichloromethane	ND		0.54		ug/m3			12/29/14 21:05	1
Bromoform	ND		0.83		ug/m3			12/29/14 21:05	1
Bromomethane	ND		0.31		ug/m3			12/29/14 21:05	1
Carbon tetrachloride	**0.49**		0.25		ug/m3			12/29/14 21:05	1
Chlorobenzene	ND		0.37		ug/m3			12/29/14 21:05	1
Chloroethane	ND		0.21		ug/m3			12/29/14 21:05	1
Chloroform	ND		0.39		ug/m3			12/29/14 21:05	1
Chloromethane	**1.2**		0.41		ug/m3			12/29/14 21:05	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 21:05	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 21:05	1
Cyclohexane	**1.5**		0.69		ug/m3			12/29/14 21:05	1
Dibromochloromethane	ND		0.68		ug/m3			12/29/14 21:05	1
Dichlorodifluoromethane	**2.3**		0.40		ug/m3			12/29/14 21:05	1
Ethanol	**76**		1.5		ug/m3			12/29/14 21:05	1
Ethylbenzene	**0.83**		0.35		ug/m3			12/29/14 21:05	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/29/14 21:05	1
Hexane	**3.4**		0.70		ug/m3			12/29/14 21:05	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/29/14 21:05	1
Methylene Chloride	**1.8**		0.69		ug/m3			12/29/14 21:05	1
m-Xylene & p-Xylene	**2.8**		0.35		ug/m3			12/29/14 21:05	1
o-Xylene	**0.94**		0.35		ug/m3			12/29/14 21:05	1
Styrene	ND		0.34		ug/m3			12/29/14 21:05	1
t-Butyl alcohol	ND		0.97		ug/m3			12/29/14 21:05	1
Tetrachloroethene	**0.97**		0.54		ug/m3			12/29/14 21:05	1
Toluene	**5.4**		0.45		ug/m3			12/29/14 21:05	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 21:05	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 21:05	1
Trichloroethene	**0.33**		0.21		ug/m3			12/29/14 21:05	1
Trichlorofluoromethane	**1.4**		0.45		ug/m3			12/29/14 21:05	1
Vinyl chloride	ND		0.20		ug/m3			12/29/14 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*60 - 140*		*12/29/14 21:05*	*1*

Client Sample ID: B03-OA1-20141215

Lab Sample ID: 140-2499-6

Date Collected: 12/16/14 11:05

Matrix: Air

Date Received: 12/19/14 10:30

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/29/14 21:53	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/29/14 21:53	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B03-OA1-20141215
Date Collected: 12/16/14 11:05
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 140-2499-6
Matrix: Air

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/29/14 21:53	1
1,1,2-Trichlorotrifluoroethane	**0.082**		0.080		ppb v/v			12/29/14 21:53	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/29/14 21:53	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/29/14 21:53	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/29/14 21:53	1
1,2,4-Trimethylbenzene	**0.17**		0.080		ppb v/v			12/29/14 21:53	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/29/14 21:53	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 21:53	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/29/14 21:53	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/29/14 21:53	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/29/14 21:53	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/29/14 21:53	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 21:53	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 21:53	1
1,4-Dioxane	ND		0.20		ppb v/v			12/29/14 21:53	1
2,2,4-Trimethylpentane	**0.63**		0.20		ppb v/v			12/29/14 21:53	1
2-Butanone	**0.44**		0.32		ppb v/v			12/29/14 21:53	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			12/29/14 21:53	1
Benzene	**0.86**		0.080		ppb v/v			12/29/14 21:53	1
Benzyl chloride	ND		0.16		ppb v/v			12/29/14 21:53	1
Bromodichloromethane	ND		0.080		ppb v/v			12/29/14 21:53	1
Bromoform	ND		0.080		ppb v/v			12/29/14 21:53	1
Bromomethane	ND		0.080		ppb v/v			12/29/14 21:53	1
Carbon tetrachloride	**0.093**		0.040		ppb v/v			12/29/14 21:53	1
Chlorobenzene	ND		0.080		ppb v/v			12/29/14 21:53	1
Chloroethane	ND		0.080		ppb v/v			12/29/14 21:53	1
Chloroform	ND		0.080		ppb v/v			12/29/14 21:53	1
Chloromethane	**0.54**		0.20		ppb v/v			12/29/14 21:53	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 21:53	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 21:53	1
Cyclohexane	**0.44**		0.20		ppb v/v			12/29/14 21:53	1
Dibromochloromethane	ND		0.080		ppb v/v			12/29/14 21:53	1
Dichlorodifluoromethane	**0.52**		0.080		ppb v/v			12/29/14 21:53	1
Ethanol	**22**		0.80		ppb v/v			12/29/14 21:53	1
Ethylbenzene	**0.21**		0.080		ppb v/v			12/29/14 21:53	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/29/14 21:53	1
Hexane	**0.96**		0.20		ppb v/v			12/29/14 21:53	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/29/14 21:53	1
Methylene Chloride	**0.45**		0.20		ppb v/v			12/29/14 21:53	1
m-Xylene & p-Xylene	**0.74**		0.080		ppb v/v			12/29/14 21:53	1
o-Xylene	**0.26**		0.080		ppb v/v			12/29/14 21:53	1
Styrene	ND		0.080		ppb v/v			12/29/14 21:53	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/29/14 21:53	1
Tetrachloroethene	**0.16**		0.080		ppb v/v			12/29/14 21:53	1
Toluene	**1.6**		0.12		ppb v/v			12/29/14 21:53	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 21:53	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 21:53	1
Trichloroethene	**0.092**		0.040		ppb v/v			12/29/14 21:53	1

Client Sample ID: B03-OA1-20141215
Lab Sample ID: 140-2499-6
Date Collected: 12/16/14 11:05
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	**0.29**		0.080		ppb v/v			12/29/14 21:53	1
Vinyl chloride	ND		0.080		ppb v/v			12/29/14 21:53	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/29/14 21:53	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/29/14 21:53	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/29/14 21:53	1
1,1,2-Trichlorotrifluoroethane	**0.63**		0.61		ug/m3			12/29/14 21:53	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/29/14 21:53	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/29/14 21:53	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/29/14 21:53	1
1,2,4-Trimethylbenzene	**0.82**		0.39		ug/m3			12/29/14 21:53	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/29/14 21:53	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 21:53	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/29/14 21:53	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/29/14 21:53	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/29/14 21:53	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/29/14 21:53	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 21:53	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 21:53	1
1,4-Dioxane	ND		0.72		ug/m3			12/29/14 21:53	1
2,2,4-Trimethylpentane	**3.0**		0.93		ug/m3			12/29/14 21:53	1
2-Butanone	**1.3**		0.94		ug/m3			12/29/14 21:53	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			12/29/14 21:53	1
Benzene	**2.8**		0.26		ug/m3			12/29/14 21:53	1
Benzyl chloride	ND		0.83		ug/m3			12/29/14 21:53	1
Bromodichloromethane	ND		0.54		ug/m3			12/29/14 21:53	1
Bromoform	ND		0.83		ug/m3			12/29/14 21:53	1
Bromomethane	ND		0.31		ug/m3			12/29/14 21:53	1
Carbon tetrachloride	**0.58**		0.25		ug/m3			12/29/14 21:53	1
Chlorobenzene	ND		0.37		ug/m3			12/29/14 21:53	1
Chloroethane	ND		0.21		ug/m3			12/29/14 21:53	1
Chloroform	ND		0.39		ug/m3			12/29/14 21:53	1
Chloromethane	**1.1**		0.41		ug/m3			12/29/14 21:53	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 21:53	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 21:53	1
Cyclohexane	**1.5**		0.69		ug/m3			12/29/14 21:53	1
Dibromochloromethane	ND		0.68		ug/m3			12/29/14 21:53	1
Dichlorodifluoromethane	**2.6**		0.40		ug/m3			12/29/14 21:53	1
Ethanol	**41**		1.5		ug/m3			12/29/14 21:53	1
Ethylbenzene	**0.92**		0.35		ug/m3			12/29/14 21:53	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/29/14 21:53	1
Hexane	**3.4**		0.70		ug/m3			12/29/14 21:53	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/29/14 21:53	1
Methylene Chloride	**1.6**		0.69		ug/m3			12/29/14 21:53	1
m-Xylene & p-Xylene	**3.2**		0.35		ug/m3			12/29/14 21:53	1
o-Xylene	**1.1**		0.35		ug/m3			12/29/14 21:53	1
Styrene	ND		0.34		ug/m3			12/29/14 21:53	1
t-Butyl alcohol	ND		0.97		ug/m3			12/29/14 21:53	1

Client Sample ID: B03-OA1-20141215

Lab Sample ID: 140-2499-6

Date Collected: 12/16/14 11:05
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**1.1**		0.54		ug/m3			12/29/14 21:53	1
Toluene	**5.9**		0.45		ug/m3			12/29/14 21:53	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 21:53	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 21:53	1
Trichloroethene	**0.49**		0.21		ug/m3			12/29/14 21:53	1
Trichlorofluoromethane	**1.7**		0.45		ug/m3			12/29/14 21:53	1
Vinyl chloride	ND		0.20		ug/m3			12/29/14 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*60 - 140*		*12/29/14 21:53*	*1*

Client Sample ID: B04-IA2-20141215

Lab Sample ID: 140-2499-7

Date Collected: 12/16/14 10:18
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.23**		0.080		ppb v/v			12/29/14 22:45	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/29/14 22:45	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/29/14 22:45	1
1,1,2-Trichlorotrifluoroethane	**0.96**		0.080		ppb v/v			12/29/14 22:45	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/29/14 22:45	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/29/14 22:45	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/29/14 22:45	1
1,2,4-Trimethylbenzene	**0.17**		0.080		ppb v/v			12/29/14 22:45	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/29/14 22:45	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 22:45	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/29/14 22:45	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/29/14 22:45	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/29/14 22:45	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/29/14 22:45	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 22:45	1
1,4-Dichlorobenzene	**0.59**		0.080		ppb v/v			12/29/14 22:45	1
1,4-Dioxane	ND		0.20		ppb v/v			12/29/14 22:45	1
2,2,4-Trimethylpentane	**0.44**		0.20		ppb v/v			12/29/14 22:45	1
2-Butanone	**0.54**		0.32		ppb v/v			12/29/14 22:45	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			12/29/14 22:45	1
Benzene	**0.61**		0.080		ppb v/v			12/29/14 22:45	1
Benzyl chloride	ND		0.16		ppb v/v			12/29/14 22:45	1
Bromodichloromethane	ND		0.080		ppb v/v			12/29/14 22:45	1
Bromoform	ND		0.080		ppb v/v			12/29/14 22:45	1
Bromomethane	ND		0.080		ppb v/v			12/29/14 22:45	1
Carbon tetrachloride	**0.083**		0.040		ppb v/v			12/29/14 22:45	1
Chlorobenzene	ND		0.080		ppb v/v			12/29/14 22:45	1
Chloroethane	ND		0.080		ppb v/v			12/29/14 22:45	1
Chloroform	**0.11**		0.080		ppb v/v			12/29/14 22:45	1
Chloromethane	**0.69**		0.20		ppb v/v			12/29/14 22:45	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 22:45	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B04-IA2-20141215
Lab Sample ID: 140-2499-7
Date Collected: 12/16/14 10:18
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 22:45	1
Cyclohexane	**0.31**		0.20		ppb v/v			12/29/14 22:45	1
Dibromochloromethane	ND		0.080		ppb v/v			12/29/14 22:45	1
Dichlorodifluoromethane	**0.51**		0.080		ppb v/v			12/29/14 22:45	1
Ethanol	**130**	**E**	0.80		ppb v/v			12/29/14 22:45	1
Ethylbenzene	**0.21**		0.080		ppb v/v			12/29/14 22:45	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/29/14 22:45	1
Hexane	**0.71**		0.20		ppb v/v			12/29/14 22:45	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/29/14 22:45	1
Methylene Chloride	**0.66**		0.20		ppb v/v			12/29/14 22:45	1
m-Xylene & p-Xylene	**0.80**		0.080		ppb v/v			12/29/14 22:45	1
o-Xylene	**0.27**		0.080		ppb v/v			12/29/14 22:45	1
Styrene	ND		0.080		ppb v/v			12/29/14 22:45	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/29/14 22:45	1
Tetrachloroethene	**0.57**		0.080		ppb v/v			12/29/14 22:45	1
Toluene	**1.2**		0.12		ppb v/v			12/29/14 22:45	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 22:45	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 22:45	1
Trichloroethene	**0.060**		0.040		ppb v/v			12/29/14 22:45	1
Trichlorofluoromethane	**0.27**		0.080		ppb v/v			12/29/14 22:45	1
Vinyl chloride	ND		0.080		ppb v/v			12/29/14 22:45	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.3**		0.44		ug/m3			12/29/14 22:45	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/29/14 22:45	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/29/14 22:45	1
1,1,2-Trichlorotrifluoroethane	**7.3**		0.61		ug/m3			12/29/14 22:45	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/29/14 22:45	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/29/14 22:45	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/29/14 22:45	1
1,2,4-Trimethylbenzene	**0.84**		0.39		ug/m3			12/29/14 22:45	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/29/14 22:45	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 22:45	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/29/14 22:45	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/29/14 22:45	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/29/14 22:45	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/29/14 22:45	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 22:45	1
1,4-Dichlorobenzene	**3.6**		0.48		ug/m3			12/29/14 22:45	1
1,4-Dioxane	ND		0.72		ug/m3			12/29/14 22:45	1
2,2,4-Trimethylpentane	**2.0**		0.93		ug/m3			12/29/14 22:45	1
2-Butanone	**1.6**		0.94		ug/m3			12/29/14 22:45	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			12/29/14 22:45	1
Benzene	**1.9**		0.26		ug/m3			12/29/14 22:45	1
Benzyl chloride	ND		0.83		ug/m3			12/29/14 22:45	1
Bromodichloromethane	ND		0.54		ug/m3			12/29/14 22:45	1
Bromoform	ND		0.83		ug/m3			12/29/14 22:45	1
Bromomethane	ND		0.31		ug/m3			12/29/14 22:45	1
Carbon tetrachloride	**0.52**		0.25		ug/m3			12/29/14 22:45	1

Client Sample ID: B04-IA2-20141215

Lab Sample ID: 140-2499-7

Date Collected: 12/16/14 10:18

Matrix: Air

Date Received: 12/19/14 10:30

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.37		ug/m3			12/29/14 22:45	1
Chloroethane	ND		0.21		ug/m3			12/29/14 22:45	1
Chloroform	**0.54**		0.39		ug/m3			12/29/14 22:45	1
Chloromethane	**1.4**		0.41		ug/m3			12/29/14 22:45	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 22:45	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 22:45	1
Cyclohexane	**1.1**		0.69		ug/m3			12/29/14 22:45	1
Dibromochloromethane	ND		0.68		ug/m3			12/29/14 22:45	1
Dichlorodifluoromethane	**2.5**		0.40		ug/m3			12/29/14 22:45	1
Ethanol	**240**	**E**	1.5		ug/m3			12/29/14 22:45	1
Ethylbenzene	**0.92**		0.35		ug/m3			12/29/14 22:45	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/29/14 22:45	1
Hexane	**2.5**		0.70		ug/m3			12/29/14 22:45	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/29/14 22:45	1
Methylene Chloride	**2.3**		0.69		ug/m3			12/29/14 22:45	1
m-Xylene & p-Xylene	**3.5**		0.35		ug/m3			12/29/14 22:45	1
o-Xylene	**1.2**		0.35		ug/m3			12/29/14 22:45	1
Styrene	ND		0.34		ug/m3			12/29/14 22:45	1
t-Butyl alcohol	ND		0.97		ug/m3			12/29/14 22:45	1
Tetrachloroethene	**3.9**		0.54		ug/m3			12/29/14 22:45	1
Toluene	**4.6**		0.45		ug/m3			12/29/14 22:45	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 22:45	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 22:45	1
Trichloroethene	**0.32**		0.21		ug/m3			12/29/14 22:45	1
Trichlorofluoromethane	**1.5**		0.45		ug/m3			12/29/14 22:45	1
Vinyl chloride	ND		0.20		ug/m3			12/29/14 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*60 - 140*		*12/29/14 22:45*	*1*

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	**140**		4.0		ppb v/v			12/31/14 02:34	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	**270**		7.5		ug/m3			12/31/14 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*60 - 140*		*12/31/14 02:34*	*1*

Client Sample ID: B04-SV2-20141216

Lab Sample ID: 140-2499-8

Date Collected: 12/16/14 15:30

Matrix: Air

Date Received: 12/19/14 10:30

Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/29/14 23:37	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/29/14 23:37	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/29/14 23:37	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B04-SV2-20141216
Date Collected: 12/16/14 15:30
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 140-2499-8
Matrix: Air

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/29/14 23:37	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/29/14 23:37	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/29/14 23:37	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/29/14 23:37	1
1,2,4-Trimethylbenzene	**2.1**		0.080		ppb v/v			12/29/14 23:37	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/29/14 23:37	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 23:37	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/29/14 23:37	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/29/14 23:37	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/29/14 23:37	1
1,3,5-Trimethylbenzene	**0.45**		0.080		ppb v/v			12/29/14 23:37	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 23:37	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/29/14 23:37	1
1,4-Dioxane	ND		0.20		ppb v/v			12/29/14 23:37	1
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			12/29/14 23:37	1
2-Butanone	ND		0.32		ppb v/v			12/29/14 23:37	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			12/29/14 23:37	1
Benzene	**0.12**		0.080		ppb v/v			12/29/14 23:37	1
Benzyl chloride	ND		0.16		ppb v/v			12/29/14 23:37	1
Bromodichloromethane	ND		0.080		ppb v/v			12/29/14 23:37	1
Bromoform	ND		0.080		ppb v/v			12/29/14 23:37	1
Bromomethane	ND		0.080		ppb v/v			12/29/14 23:37	1
Carbon tetrachloride	**0.045**		0.040		ppb v/v			12/29/14 23:37	1
Chlorobenzene	ND		0.080		ppb v/v			12/29/14 23:37	1
Chloroethane	ND		0.080		ppb v/v			12/29/14 23:37	1
Chloroform	**0.18**		0.080		ppb v/v			12/29/14 23:37	1
Chloromethane	ND		0.20		ppb v/v			12/29/14 23:37	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 23:37	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 23:37	1
Cyclohexane	ND		0.20		ppb v/v			12/29/14 23:37	1
Dibromochloromethane	ND		0.080		ppb v/v			12/29/14 23:37	1
Dichlorodifluoromethane	**0.43**		0.080		ppb v/v			12/29/14 23:37	1
Ethanol	**7.0**		0.80		ppb v/v			12/29/14 23:37	1
Ethylbenzene	**0.47**		0.080		ppb v/v			12/29/14 23:37	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/29/14 23:37	1
Hexane	ND		0.20		ppb v/v			12/29/14 23:37	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/29/14 23:37	1
Methylene Chloride	**0.32**		0.20		ppb v/v			12/29/14 23:37	1
m-Xylene & p-Xylene	**2.0**		0.080		ppb v/v			12/29/14 23:37	1
o-Xylene	**0.95**		0.080		ppb v/v			12/29/14 23:37	1
Styrene	ND		0.080		ppb v/v			12/29/14 23:37	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/29/14 23:37	1
Tetrachloroethene	**16**		0.080		ppb v/v			12/29/14 23:37	1
Toluene	**1.1**		0.12		ppb v/v			12/29/14 23:37	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/29/14 23:37	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/29/14 23:37	1
Trichloroethene	**0.69**		0.040		ppb v/v			12/29/14 23:37	1
Trichlorofluoromethane	**0.21**		0.080		ppb v/v			12/29/14 23:37	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B04-SV2-20141216
Lab Sample ID: 140-2499-8
Date Collected: 12/16/14 15:30
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.080		ppb v/v			12/29/14 23:37	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/29/14 23:37	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/29/14 23:37	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/29/14 23:37	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/29/14 23:37	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/29/14 23:37	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/29/14 23:37	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/29/14 23:37	1
1,2,4-Trimethylbenzene	**10**		0.39		ug/m3			12/29/14 23:37	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/29/14 23:37	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 23:37	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/29/14 23:37	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/29/14 23:37	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/29/14 23:37	1
1,3,5-Trimethylbenzene	**2.2**		0.39		ug/m3			12/29/14 23:37	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 23:37	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/29/14 23:37	1
1,4-Dioxane	ND		0.72		ug/m3			12/29/14 23:37	1
2,2,4-Trimethylpentane	ND		0.93		ug/m3			12/29/14 23:37	1
2-Butanone	ND		0.94		ug/m3			12/29/14 23:37	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			12/29/14 23:37	1
Benzene	**0.38**		0.26		ug/m3			12/29/14 23:37	1
Benzyl chloride	ND		0.83		ug/m3			12/29/14 23:37	1
Bromodichloromethane	ND		0.54		ug/m3			12/29/14 23:37	1
Bromoform	ND		0.83		ug/m3			12/29/14 23:37	1
Bromomethane	ND		0.31		ug/m3			12/29/14 23:37	1
Carbon tetrachloride	**0.29**		0.25		ug/m3			12/29/14 23:37	1
Chlorobenzene	ND		0.37		ug/m3			12/29/14 23:37	1
Chloroethane	ND		0.21		ug/m3			12/29/14 23:37	1
Chloroform	**0.89**		0.39		ug/m3			12/29/14 23:37	1
Chloromethane	ND		0.41		ug/m3			12/29/14 23:37	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 23:37	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 23:37	1
Cyclohexane	ND		0.69		ug/m3			12/29/14 23:37	1
Dibromochloromethane	ND		0.68		ug/m3			12/29/14 23:37	1
Dichlorodifluoromethane	**2.1**		0.40		ug/m3			12/29/14 23:37	1
Ethanol	**13**		1.5		ug/m3			12/29/14 23:37	1
Ethylbenzene	**2.0**		0.35		ug/m3			12/29/14 23:37	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/29/14 23:37	1
Hexane	ND		0.70		ug/m3			12/29/14 23:37	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/29/14 23:37	1
Methylene Chloride	**1.1**		0.69		ug/m3			12/29/14 23:37	1
m-Xylene & p-Xylene	**8.8**		0.35		ug/m3			12/29/14 23:37	1
o-Xylene	**4.1**		0.35		ug/m3			12/29/14 23:37	1
Styrene	ND		0.34		ug/m3			12/29/14 23:37	1
t-Butyl alcohol	ND		0.97		ug/m3			12/29/14 23:37	1
Tetrachloroethene	**110**		0.54		ug/m3			12/29/14 23:37	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B04-SV2-20141216

Lab Sample ID: 140-2499-8

Date Collected: 12/16/14 15:30
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	**4.0**		0.45		ug/m3			12/29/14 23:37	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/29/14 23:37	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/29/14 23:37	1
Trichloroethene	**3.7**		0.21		ug/m3			12/29/14 23:37	1
Trichlorofluoromethane	**1.2**		0.45		ug/m3			12/29/14 23:37	1
Vinyl chloride	ND		0.20		ug/m3			12/29/14 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*60 - 140*		*12/29/14 23:37*	*1*

Client Sample ID: B04-SV1-20141216

Lab Sample ID: 140-2499-9

Date Collected: 12/16/14 15:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/30/14 00:27	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/30/14 00:27	1
1,2,4-Trimethylbenzene	ND		0.080		ppb v/v			12/30/14 00:27	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 00:27	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/30/14 00:27	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/30/14 00:27	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 00:27	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 00:27	1
1,4-Dioxane	ND		0.20		ppb v/v			12/30/14 00:27	1
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			12/30/14 00:27	1
2-Butanone	ND		0.32		ppb v/v			12/30/14 00:27	1
4-Methyl-2-pentanone (MIBK)	**0.72**		0.20		ppb v/v			12/30/14 00:27	1
Benzene	ND		0.080		ppb v/v			12/30/14 00:27	1
Benzyl chloride	ND		0.16		ppb v/v			12/30/14 00:27	1
Bromodichloromethane	ND		0.080		ppb v/v			12/30/14 00:27	1
Bromoform	ND		0.080		ppb v/v			12/30/14 00:27	1
Bromomethane	ND		0.080		ppb v/v			12/30/14 00:27	1
Carbon tetrachloride	**0.045**		0.040		ppb v/v			12/30/14 00:27	1
Chlorobenzene	ND		0.080		ppb v/v			12/30/14 00:27	1
Chloroethane	ND		0.080		ppb v/v			12/30/14 00:27	1
Chloroform	**0.12**		0.080		ppb v/v			12/30/14 00:27	1
Chloromethane	ND		0.20		ppb v/v			12/30/14 00:27	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/30/14 00:27	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/30/14 00:27	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B04-SV1-20141216
Lab Sample ID: 140-2499-9
Date Collected: 12/16/14 15:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		0.20		ppb v/v			12/30/14 00:27	1
Dibromochloromethane	ND		0.080		ppb v/v			12/30/14 00:27	1
Dichlorodifluoromethane	**0.45**		0.080		ppb v/v			12/30/14 00:27	1
Ethanol	ND		0.80		ppb v/v			12/30/14 00:27	1
Ethylbenzene	ND		0.080		ppb v/v			12/30/14 00:27	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/30/14 00:27	1
Hexane	ND		0.20		ppb v/v			12/30/14 00:27	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/30/14 00:27	1
Methylene Chloride	**0.20**		0.20		ppb v/v			12/30/14 00:27	1
m-Xylene & p-Xylene	**0.15**		0.080		ppb v/v			12/30/14 00:27	1
o-Xylene	ND		0.080		ppb v/v			12/30/14 00:27	1
Styrene	ND		0.080		ppb v/v			12/30/14 00:27	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/30/14 00:27	1
Tetrachloroethene	**0.40**		0.080		ppb v/v			12/30/14 00:27	1
Toluene	**0.15**		0.12		ppb v/v			12/30/14 00:27	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/30/14 00:27	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/30/14 00:27	1
Trichloroethene	ND		0.040		ppb v/v			12/30/14 00:27	1
Trichlorofluoromethane	**0.23**		0.080		ppb v/v			12/30/14 00:27	1
Vinyl chloride	ND		0.080		ppb v/v			12/30/14 00:27	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/30/14 00:27	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/30/14 00:27	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/30/14 00:27	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/30/14 00:27	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/30/14 00:27	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/30/14 00:27	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/30/14 00:27	1
1,2,4-Trimethylbenzene	ND		0.39		ug/m3			12/30/14 00:27	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/30/14 00:27	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 00:27	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/30/14 00:27	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/30/14 00:27	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/30/14 00:27	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/30/14 00:27	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 00:27	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 00:27	1
1,4-Dioxane	ND		0.72		ug/m3			12/30/14 00:27	1
2,2,4-Trimethylpentane	ND		0.93		ug/m3			12/30/14 00:27	1
2-Butanone	ND		0.94		ug/m3			12/30/14 00:27	1
4-Methyl-2-pentanone (MIBK)	**3.0**		0.82		ug/m3			12/30/14 00:27	1
Benzene	ND		0.26		ug/m3			12/30/14 00:27	1
Benzyl chloride	ND		0.83		ug/m3			12/30/14 00:27	1
Bromodichloromethane	ND		0.54		ug/m3			12/30/14 00:27	1
Bromoform	ND		0.83		ug/m3			12/30/14 00:27	1
Bromomethane	ND		0.31		ug/m3			12/30/14 00:27	1
Carbon tetrachloride	**0.29**		0.25		ug/m3			12/30/14 00:27	1
Chlorobenzene	ND		0.37		ug/m3			12/30/14 00:27	1

Client Sample ID: B04-SV1-20141216

Lab Sample ID: 140-2499-9

Date Collected: 12/16/14 15:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		0.21		ug/m3			12/30/14 00:27	1
Chloroform	**0.61**		0.39		ug/m3			12/30/14 00:27	1
Chloromethane	ND		0.41		ug/m3			12/30/14 00:27	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/30/14 00:27	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/30/14 00:27	1
Cyclohexane	ND		0.69		ug/m3			12/30/14 00:27	1
Dibromochloromethane	ND		0.68		ug/m3			12/30/14 00:27	1
Dichlorodifluoromethane	**2.2**		0.40		ug/m3			12/30/14 00:27	1
Ethanol	ND		1.5		ug/m3			12/30/14 00:27	1
Ethylbenzene	ND		0.35		ug/m3			12/30/14 00:27	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/30/14 00:27	1
Hexane	ND		0.70		ug/m3			12/30/14 00:27	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/30/14 00:27	1
Methylene Chloride	**0.69**		0.69		ug/m3			12/30/14 00:27	1
m-Xylene & p-Xylene	**0.65**		0.35		ug/m3			12/30/14 00:27	1
o-Xylene	ND		0.35		ug/m3			12/30/14 00:27	1
Styrene	ND		0.34		ug/m3			12/30/14 00:27	1
t-Butyl alcohol	ND		0.97		ug/m3			12/30/14 00:27	1
Tetrachloroethene	**2.7**		0.54		ug/m3			12/30/14 00:27	1
Toluene	**0.56**		0.45		ug/m3			12/30/14 00:27	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/30/14 00:27	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/30/14 00:27	1
Trichloroethene	ND		0.21		ug/m3			12/30/14 00:27	1
Trichlorofluoromethane	**1.3**		0.45		ug/m3			12/30/14 00:27	1
Vinyl chloride	ND		0.20		ug/m3			12/30/14 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*60 - 140*		*12/30/14 00:27*	*1*

Client Sample ID: B01-SS2-20141216

Lab Sample ID: 140-2499-10

Date Collected: 12/16/14 17:36
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,1-Dichloroethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/30/14 01:21	1.79
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,2,4-Trimethylbenzene	**5.5**		0.080		ppb v/v			12/30/14 01:21	1.79
1,2-Dibromoethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,2-Dichloroethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,2-Dichloropropane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79

Client Sample ID: B01-SS2-20141216
Lab Sample ID: 140-2499-10
Date Collected: 12/16/14 17:36
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	**2.7**		0.080		ppb v/v			12/30/14 01:21	1.79
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
1,4-Dichlorobenzene	**0.14**		0.080		ppb v/v			12/30/14 01:21	1.79
1,4-Dioxane	ND		0.20		ppb v/v			12/30/14 01:21	1.79
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			12/30/14 01:21	1.79
2-Butanone	**1.6**		0.32		ppb v/v			12/30/14 01:21	1.79
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			12/30/14 01:21	1.79
Benzene	**0.14**		0.080		ppb v/v			12/30/14 01:21	1.79
Benzyl chloride	ND		0.16		ppb v/v			12/30/14 01:21	1.79
Bromodichloromethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Bromoform	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Bromomethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Carbon tetrachloride	ND		0.040		ppb v/v			12/30/14 01:21	1.79
Chlorobenzene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Chloroethane	**0.12**		0.080		ppb v/v			12/30/14 01:21	1.79
Chloroform	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Chloromethane	**0.20**		0.20		ppb v/v			12/30/14 01:21	1.79
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Cyclohexane	ND		0.20		ppb v/v			12/30/14 01:21	1.79
Dibromochloromethane	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Dichlorodifluoromethane	**0.58**		0.080		ppb v/v			12/30/14 01:21	1.79
Ethanol	**3.7**		0.80		ppb v/v			12/30/14 01:21	1.79
Ethylbenzene	**0.12**		0.080		ppb v/v			12/30/14 01:21	1.79
Hexachlorobutadiene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Hexane	**6.2**		0.20		ppb v/v			12/30/14 01:21	1.79
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/30/14 01:21	1.79
Methylene Chloride	**0.63**		0.20		ppb v/v			12/30/14 01:21	1.79
m-Xylene & p-Xylene	**0.48**		0.080		ppb v/v			12/30/14 01:21	1.79
o-Xylene	**0.46**		0.080		ppb v/v			12/30/14 01:21	1.79
Styrene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
t-Butyl alcohol	ND		0.32		ppb v/v			12/30/14 01:21	1.79
Tetrachloroethene	**4.7**		0.080		ppb v/v			12/30/14 01:21	1.79
Toluene	**0.82**		0.12		ppb v/v			12/30/14 01:21	1.79
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/30/14 01:21	1.79
Trichloroethene	ND		0.040		ppb v/v			12/30/14 01:21	1.79
Trichlorofluoromethane	**0.53**		0.080		ppb v/v			12/30/14 01:21	1.79
Vinyl chloride	ND		0.080		ppb v/v			12/30/14 01:21	1.79

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/30/14 01:21	1.79
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/30/14 01:21	1.79
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/30/14 01:21	1.79
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/30/14 01:21	1.79
1,1-Dichloroethane	ND		0.32		ug/m3			12/30/14 01:21	1.79
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/30/14 01:21	1.79
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/30/14 01:21	1.79
1,2,4-Trimethylbenzene	**27**		0.39		ug/m3			12/30/14 01:21	1.79

Client Sample ID: B01-SS2-20141216
Lab Sample ID: 140-2499-10
Date Collected: 12/16/14 17:36
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.61		ug/m3			12/30/14 01:21	1.79
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 01:21	1.79
1,2-Dichloroethane	ND		0.32		ug/m3			12/30/14 01:21	1.79
1,2-Dichloropropane	ND		0.37		ug/m3			12/30/14 01:21	1.79
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/30/14 01:21	1.79
1,3,5-Trimethylbenzene	**13**		0.39		ug/m3			12/30/14 01:21	1.79
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 01:21	1.79
1,4-Dichlorobenzene	**0.82**		0.48		ug/m3			12/30/14 01:21	1.79
1,4-Dioxane	ND		0.72		ug/m3			12/30/14 01:21	1.79
2,2,4-Trimethylpentane	ND		0.93		ug/m3			12/30/14 01:21	1.79
2-Butanone	**4.7**		0.94		ug/m3			12/30/14 01:21	1.79
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			12/30/14 01:21	1.79
Benzene	**0.45**		0.26		ug/m3			12/30/14 01:21	1.79
Benzyl chloride	ND		0.83		ug/m3			12/30/14 01:21	1.79
Bromodichloromethane	ND		0.54		ug/m3			12/30/14 01:21	1.79
Bromoform	ND		0.83		ug/m3			12/30/14 01:21	1.79
Bromomethane	ND		0.31		ug/m3			12/30/14 01:21	1.79
Carbon tetrachloride	ND		0.25		ug/m3			12/30/14 01:21	1.79
Chlorobenzene	ND		0.37		ug/m3			12/30/14 01:21	1.79
Chloroethane	**0.32**		0.21		ug/m3			12/30/14 01:21	1.79
Chloroform	ND		0.39		ug/m3			12/30/14 01:21	1.79
Chloromethane	**0.41**		0.41		ug/m3			12/30/14 01:21	1.79
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/30/14 01:21	1.79
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/30/14 01:21	1.79
Cyclohexane	ND		0.69		ug/m3			12/30/14 01:21	1.79
Dibromochloromethane	ND		0.68		ug/m3			12/30/14 01:21	1.79
Dichlorodifluoromethane	**2.9**		0.40		ug/m3			12/30/14 01:21	1.79
Ethanol	**6.9**		1.5		ug/m3			12/30/14 01:21	1.79
Ethylbenzene	**0.54**		0.35		ug/m3			12/30/14 01:21	1.79
Hexachlorobutadiene	ND		0.85		ug/m3			12/30/14 01:21	1.79
Hexane	**22**		0.70		ug/m3			12/30/14 01:21	1.79
Methyl tert-butyl ether	ND		0.58		ug/m3			12/30/14 01:21	1.79
Methylene Chloride	**2.2**		0.69		ug/m3			12/30/14 01:21	1.79
m-Xylene & p-Xylene	**2.1**		0.35		ug/m3			12/30/14 01:21	1.79
o-Xylene	**2.0**		0.35		ug/m3			12/30/14 01:21	1.79
Styrene	ND		0.34		ug/m3			12/30/14 01:21	1.79
t-Butyl alcohol	ND		0.97		ug/m3			12/30/14 01:21	1.79
Tetrachloroethene	**32**		0.54		ug/m3			12/30/14 01:21	1.79
Toluene	**3.1**		0.45		ug/m3			12/30/14 01:21	1.79
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/30/14 01:21	1.79
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/30/14 01:21	1.79
Trichloroethene	ND		0.21		ug/m3			12/30/14 01:21	1.79
Trichlorofluoromethane	**3.0**		0.45		ug/m3			12/30/14 01:21	1.79
Vinyl chloride	ND		0.20		ug/m3			12/30/14 01:21	1.79

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*60 - 140*		*12/30/14 01:21*	*1.79*

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B01-IA2-20141216
Lab Sample ID: 140-2499-11
Date Collected: 12/16/14 17:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/30/14 02:12	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/30/14 02:12	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/30/14 02:12	1
1,1,2-Trichlorotrifluoroethane	**0.084**		0.080		ppb v/v			12/30/14 02:12	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/30/14 02:12	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/30/14 02:12	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/30/14 02:12	1
1,2,4-Trimethylbenzene	**0.13**		0.080		ppb v/v			12/30/14 02:12	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/30/14 02:12	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 02:12	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/30/14 02:12	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/30/14 02:12	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/30/14 02:12	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/30/14 02:12	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 02:12	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 02:12	1
1,4-Dioxane	ND		0.20		ppb v/v			12/30/14 02:12	1
2,2,4-Trimethylpentane	**0.55**		0.20		ppb v/v			12/30/14 02:12	1
2-Butanone	**0.52**		0.32		ppb v/v			12/30/14 02:12	1
4-Methyl-2-pentanone (MIBK)	**0.20**		0.20		ppb v/v			12/30/14 02:12	1
Benzene	**0.78**		0.080		ppb v/v			12/30/14 02:12	1
Benzyl chloride	ND		0.16		ppb v/v			12/30/14 02:12	1
Bromodichloromethane	ND		0.080		ppb v/v			12/30/14 02:12	1
Bromoform	ND		0.080		ppb v/v			12/30/14 02:12	1
Bromomethane	ND		0.080		ppb v/v			12/30/14 02:12	1
Carbon tetrachloride	**0.10**		0.040		ppb v/v			12/30/14 02:12	1
Chlorobenzene	ND		0.080		ppb v/v			12/30/14 02:12	1
Chloroethane	ND		0.080		ppb v/v			12/30/14 02:12	1
Chloroform	ND		0.080		ppb v/v			12/30/14 02:12	1
Chloromethane	**0.53**		0.20		ppb v/v			12/30/14 02:12	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/30/14 02:12	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/30/14 02:12	1
Cyclohexane	**0.37**		0.20		ppb v/v			12/30/14 02:12	1
Dibromochloromethane	ND		0.080		ppb v/v			12/30/14 02:12	1
Dichlorodifluoromethane	**0.59**		0.080		ppb v/v			12/30/14 02:12	1
Ethanol	**14**		0.80		ppb v/v			12/30/14 02:12	1
Ethylbenzene	**0.18**		0.080		ppb v/v			12/30/14 02:12	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/30/14 02:12	1
Hexane	**0.76**		0.20		ppb v/v			12/30/14 02:12	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/30/14 02:12	1
Methylene Chloride	**0.54**		0.20		ppb v/v			12/30/14 02:12	1
m-Xylene & p-Xylene	**0.63**		0.080		ppb v/v			12/30/14 02:12	1
o-Xylene	**0.23**		0.080		ppb v/v			12/30/14 02:12	1
Styrene	ND		0.080		ppb v/v			12/30/14 02:12	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/30/14 02:12	1
Tetrachloroethene	**0.20**		0.080		ppb v/v			12/30/14 02:12	1
Toluene	**1.5**		0.12		ppb v/v			12/30/14 02:12	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/30/14 02:12	1

Client Sample ID: B01-IA2-20141216
Lab Sample ID: 140-2499-11
Date Collected: 12/16/14 17:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/30/14 02:12	1
Trichloroethene	**0.10**		0.040		ppb v/v			12/30/14 02:12	1
Trichlorofluoromethane	**0.59**		0.080		ppb v/v			12/30/14 02:12	1
Vinyl chloride	ND		0.080		ppb v/v			12/30/14 02:12	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/30/14 02:12	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/30/14 02:12	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/30/14 02:12	1
1,1,2-Trichlorotrifluoroethane	**0.64**		0.61		ug/m3			12/30/14 02:12	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/30/14 02:12	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/30/14 02:12	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/30/14 02:12	1
1,2,4-Trimethylbenzene	**0.66**		0.39		ug/m3			12/30/14 02:12	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/30/14 02:12	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 02:12	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/30/14 02:12	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/30/14 02:12	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/30/14 02:12	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/30/14 02:12	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 02:12	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 02:12	1
1,4-Dioxane	ND		0.72		ug/m3			12/30/14 02:12	1
2,2,4-Trimethylpentane	**2.6**		0.93		ug/m3			12/30/14 02:12	1
2-Butanone	**1.5**		0.94		ug/m3			12/30/14 02:12	1
4-Methyl-2-pentanone (MIBK)	**0.82**		0.82		ug/m3			12/30/14 02:12	1
Benzene	**2.5**		0.26		ug/m3			12/30/14 02:12	1
Benzyl chloride	ND		0.83		ug/m3			12/30/14 02:12	1
Bromodichloromethane	ND		0.54		ug/m3			12/30/14 02:12	1
Bromoform	ND		0.83		ug/m3			12/30/14 02:12	1
Bromomethane	ND		0.31		ug/m3			12/30/14 02:12	1
Carbon tetrachloride	**0.64**		0.25		ug/m3			12/30/14 02:12	1
Chlorobenzene	ND		0.37		ug/m3			12/30/14 02:12	1
Chloroethane	ND		0.21		ug/m3			12/30/14 02:12	1
Chloroform	ND		0.39		ug/m3			12/30/14 02:12	1
Chloromethane	**1.1**		0.41		ug/m3			12/30/14 02:12	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/30/14 02:12	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/30/14 02:12	1
Cyclohexane	**1.3**		0.69		ug/m3			12/30/14 02:12	1
Dibromochloromethane	ND		0.68		ug/m3			12/30/14 02:12	1
Dichlorodifluoromethane	**2.9**		0.40		ug/m3			12/30/14 02:12	1
Ethanol	**26**		1.5		ug/m3			12/30/14 02:12	1
Ethylbenzene	**0.80**		0.35		ug/m3			12/30/14 02:12	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/30/14 02:12	1
Hexane	**2.7**		0.70		ug/m3			12/30/14 02:12	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/30/14 02:12	1
Methylene Chloride	**1.9**		0.69		ug/m3			12/30/14 02:12	1
m-Xylene & p-Xylene	**2.8**		0.35		ug/m3			12/30/14 02:12	1
o-Xylene	**0.98**		0.35		ug/m3			12/30/14 02:12	1

Client Sample ID: B01-IA2-20141216

Lab Sample ID: 140-2499-11

Date Collected: 12/16/14 17:35
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.34		ug/m3			12/30/14 02:12	1
t-Butyl alcohol	ND		0.97		ug/m3			12/30/14 02:12	1
Tetrachloroethene	**1.4**		0.54		ug/m3			12/30/14 02:12	1
Toluene	**5.5**		0.45		ug/m3			12/30/14 02:12	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/30/14 02:12	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/30/14 02:12	1
Trichloroethene	**0.55**		0.21		ug/m3			12/30/14 02:12	1
Trichlorofluoromethane	**3.3**		0.45		ug/m3			12/30/14 02:12	1
Vinyl chloride	ND		0.20		ug/m3			12/30/14 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*60 - 140*		*12/30/14 02:12*	*1*

Client Sample ID: B01-SS1-20141216

Lab Sample ID: 140-2499-12

Date Collected: 12/16/14 17:20
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,1-Dichloroethene	ND	*	0.080		ppb v/v			12/30/14 03:03	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/30/14 03:03	1
1,2,4-Trimethylbenzene	**2.3**		0.080		ppb v/v			12/30/14 03:03	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 03:03	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/30/14 03:03	1
1,3,5-Trimethylbenzene	**0.94**		0.080		ppb v/v			12/30/14 03:03	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 03:03	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/30/14 03:03	1
1,4-Dioxane	ND		0.20		ppb v/v			12/30/14 03:03	1
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			12/30/14 03:03	1
2-Butanone	**0.46**		0.32		ppb v/v			12/30/14 03:03	1
4-Methyl-2-pentanone (MIBK)	**4.4**		0.20		ppb v/v			12/30/14 03:03	1
Benzene	**0.13**		0.080		ppb v/v			12/30/14 03:03	1
Benzyl chloride	ND		0.16		ppb v/v			12/30/14 03:03	1
Bromodichloromethane	ND		0.080		ppb v/v			12/30/14 03:03	1
Bromoform	ND		0.080		ppb v/v			12/30/14 03:03	1
Bromomethane	ND		0.080		ppb v/v			12/30/14 03:03	1
Carbon tetrachloride	**0.050**		0.040		ppb v/v			12/30/14 03:03	1
Chlorobenzene	ND		0.080		ppb v/v			12/30/14 03:03	1
Chloroethane	ND		0.080		ppb v/v			12/30/14 03:03	1
Chloroform	ND		0.080		ppb v/v			12/30/14 03:03	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B01-SS1-20141216
Lab Sample ID: 140-2499-12
Date Collected: 12/16/14 17:20
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		0.20		ppb v/v			12/30/14 03:03	1
cis-1,2-Dichloroethene	ND		0.080		ppb v/v			12/30/14 03:03	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/30/14 03:03	1
Cyclohexane	ND		0.20		ppb v/v			12/30/14 03:03	1
Dibromochloromethane	ND		0.080		ppb v/v			12/30/14 03:03	1
Dichlorodifluoromethane	**0.49**		0.080		ppb v/v			12/30/14 03:03	1
Ethanol	**2.8**		0.80		ppb v/v			12/30/14 03:03	1
Ethylbenzene	**0.25**		0.080		ppb v/v			12/30/14 03:03	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/30/14 03:03	1
Hexane	**2.1**		0.20		ppb v/v			12/30/14 03:03	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/30/14 03:03	1
Methylene Chloride	**0.27**		0.20		ppb v/v			12/30/14 03:03	1
m-Xylene & p-Xylene	**1.0**		0.080		ppb v/v			12/30/14 03:03	1
o-Xylene	**0.49**		0.080		ppb v/v			12/30/14 03:03	1
Styrene	ND		0.080		ppb v/v			12/30/14 03:03	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/30/14 03:03	1
Tetrachloroethene	**36**	**E**	0.080		ppb v/v			12/30/14 03:03	1
Toluene	**0.99**		0.12		ppb v/v			12/30/14 03:03	1
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/30/14 03:03	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/30/14 03:03	1
Trichloroethene	**0.059**		0.040		ppb v/v			12/30/14 03:03	1
Trichlorofluoromethane	**0.30**		0.080		ppb v/v			12/30/14 03:03	1
Vinyl chloride	ND		0.080		ppb v/v			12/30/14 03:03	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/30/14 03:03	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/30/14 03:03	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/30/14 03:03	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/30/14 03:03	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/30/14 03:03	1
1,1-Dichloroethene	ND	*	0.32		ug/m3			12/30/14 03:03	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/30/14 03:03	1
1,2,4-Trimethylbenzene	**11**		0.39		ug/m3			12/30/14 03:03	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/30/14 03:03	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 03:03	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/30/14 03:03	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/30/14 03:03	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/30/14 03:03	1
1,3,5-Trimethylbenzene	**4.6**		0.39		ug/m3			12/30/14 03:03	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 03:03	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/30/14 03:03	1
1,4-Dioxane	ND		0.72		ug/m3			12/30/14 03:03	1
2,2,4-Trimethylpentane	ND		0.93		ug/m3			12/30/14 03:03	1
2-Butanone	**1.3**		0.94		ug/m3			12/30/14 03:03	1
4-Methyl-2-pentanone (MIBK)	**18**		0.82		ug/m3			12/30/14 03:03	1
Benzene	**0.43**		0.26		ug/m3			12/30/14 03:03	1
Benzyl chloride	ND		0.83		ug/m3			12/30/14 03:03	1
Bromodichloromethane	ND		0.54		ug/m3			12/30/14 03:03	1
Bromoform	ND		0.83		ug/m3			12/30/14 03:03	1

Client: New York State D.E.C.
Project/Site: Farmingdale #130107

TestAmerica Job ID: 140-2499-1

Client Sample ID: B01-SS1-20141216
Lab Sample ID: 140-2499-12
Date Collected: 12/16/14 17:20
Matrix: Air
Date Received: 12/19/14 10:30
Sample Container: Summa Canister 6L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		0.31		ug/m3			12/30/14 03:03	1
Carbon tetrachloride	**0.31**		0.25		ug/m3			12/30/14 03:03	1
Chlorobenzene	ND		0.37		ug/m3			12/30/14 03:03	1
Chloroethane	ND		0.21		ug/m3			12/30/14 03:03	1
Chloroform	ND		0.39		ug/m3			12/30/14 03:03	1
Chloromethane	ND		0.41		ug/m3			12/30/14 03:03	1
cis-1,2-Dichloroethene	ND		0.32		ug/m3			12/30/14 03:03	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/30/14 03:03	1
Cyclohexane	ND		0.69		ug/m3			12/30/14 03:03	1
Dibromochloromethane	ND		0.68		ug/m3			12/30/14 03:03	1
Dichlorodifluoromethane	**2.4**		0.40		ug/m3			12/30/14 03:03	1
Ethanol	**5.3**		1.5		ug/m3			12/30/14 03:03	1
Ethylbenzene	**1.1**		0.35		ug/m3			12/30/14 03:03	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/30/14 03:03	1
Hexane	**7.3**		0.70		ug/m3			12/30/14 03:03	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/30/14 03:03	1
Methylene Chloride	**0.92**		0.69		ug/m3			12/30/14 03:03	1
m-Xylene & p-Xylene	**4.5**		0.35		ug/m3			12/30/14 03:03	1
o-Xylene	**2.1**		0.35		ug/m3			12/30/14 03:03	1
Styrene	ND		0.34		ug/m3			12/30/14 03:03	1
t-Butyl alcohol	ND		0.97		ug/m3			12/30/14 03:03	1
Tetrachloroethene	**250**	**E**	0.54		ug/m3			12/30/14 03:03	1
Toluene	**3.7**		0.45		ug/m3			12/30/14 03:03	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/30/14 03:03	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/30/14 03:03	1
Trichloroethene	**0.32**		0.21		ug/m3			12/30/14 03:03	1
Trichlorofluoromethane	**1.7**		0.45		ug/m3			12/30/14 03:03	1
Vinyl chloride	ND		0.20		ug/m3			12/30/14 03:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*60 - 140*		*12/30/14 03:03*	*1*

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**30**		0.40		ppb v/v			12/30/14 07:44	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**200**		2.7		ug/m3			12/30/14 07:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*60 - 140*		*12/30/14 07:44*	*1*

Appendix C

Data Validation Reports

ANALYTICAL DATA USABILITY
Farmingdale (AECOM Project 60222364)

Air Volatile Organic Analyses
Samples Collected: December 20, 2013
Samples Received: January 2, 2014
Sample Delivery Group: 140-677
Laboratory Reference Numbers:

Lab Sample ID	Client Sample ID
140-677-1	B02-SS1-20131220
140-677-2	B02-IA1-20131220
140-677-2 DL	B02-IA1-20131220 DL
140-677-3	B02-OA1-20131220
140-677-4	B04-SV2-20131220
140-677-5	B04-SV1-20131220
140-677-6	B01-IA1-20131220
140-677-7	B01-IA51-20131220
140-677-8	B01-SS1-20131220
140-677-8 DL	B01-SS1-20131220 DL
140-677-9	B01-OA1-20131220
140-677-10	B01-IA5-20131220
140-677-10 DL	B01-IA5-20131220 DL
140-677-11	B01-SS5-20131220
140-677-11 DL	B01-SS5-20131220 DL

Air samples were validated by Nancy Potak under subcontract to AECOM Technical Services Northeast for analyses of volatile organics by the US EPA Region II Data Validation SOP (HW-31, Revision 4)checklist. Data were reviewed for usability according to the following criteria:

* - Data Completeness
* - GC/MS Tuning
* - Holding Times
- Calibrations
* - Laboratory Blanks
* - Surrogate Compound Recoveries
* - Internal Standard Recoveries
- Laboratory Control Sample
- Matrix Duplicate
* - Compound Identification
* - Compound Quantitation

* - Indicates that all criteria were met for this parameter.

DATA VALIDATION SUMMARY

The problems with the calibrations and laboratory control sample recoveries should be noted. These are described in detail below.

No other problems were found that would affect the use of the data.

Holding Times

All samples were analyzed within the allowable holding time of 30 days from collection.

Tunes

No problems were detected with the tunes associated with the samples of this delivery group.

Surrogate Compound Recoveries

All surrogate compound recoveries were within the 70% - 130% quality assurance limits.

Calibrations

All %RSDs in the initial calibration were less than 30%.

All of the percent differences in the 1/7 continuing calibration, associated with the undiluted analyses of the samples, were less than 30% with the exceptions of 1,2-dichlorotetrafluoroethane (37%) and ethanol (36%).

The data for these compounds were flagged with the “J” qualifier and are estimated values.

All of the percent differences in the 12/20 continuing calibration, associated with the diluted analyses of the samples, were less than 30% with the exception of ethanol (65%).

The data for this compound was flagged with the “J” qualifier and is an estimated value.

Field Duplicate

A field duplicate was not analyzed with this sample delivery group.

Laboratory Control Sample

The laboratory used the continuing calibration standard for the laboratory control sample.

The recoveries of 1,2-dichlorotetrafluoroethane (137%) and ethanol (64%) were outside of the 70% - 130% quality control limits used for the data validation in the undiluted analyses of all of the samples.

The data for ethanol were flagged with the "J" qualifier and are estimated values.

1,2-Dichlorotetrafluoroethane was not detected in any of the samples and the high recovery does not affect the use of the data.

The recovery of ethanol (35%) was less than the 70% quality control limit used for the data validation in the diluted analyses of all of the samples.

The data for this compound were flagged with the “J” qualifier and are estimated values.

Method Blanks

No compounds were detected in the method blanks.

Internal Standard Areas and Retention Times

The recoveries and retention times of all internal standards were within the required quality control limits (60% - 140%).

Sample Results

No problems were found with the reported results of any of the samples of this delivery group.

Validated by:

Nancy Potak

ANALYTICAL DATA USABILITY
Farmingdale (AECOM Project 60222364)

Air Volatile Organic Analyses
Samples Collected: January 15, 2014
Samples Received: January 20, 2014
Sample Delivery Group: 140-757
Laboratory Reference Numbers:

Lab Sample ID	Client Sample ID
140-757-1	B04-OA1-20140114
140-757-2	B04-IA1-20140114
140-757-2 DL	B04-IA1-20140114 DL

Air samples were validated by Nancy Potak under subcontract to AECOM Technical Services Northeast for analyses of volatile organics by the US EPA Region II Data Validation SOP (HW-31, Revision 4) checklist. Data were reviewed for usability according to the following criteria:

* - Data Completeness
* - GC/MS Tuning
* - Holding Times
- Calibrations
* - Laboratory Blanks
* - Surrogate Compound Recoveries
* - Internal Standard Recoveries
- Laboratory Control Samples
- Matrix Duplicate
* - Compound Identification
* - Compound Quantitation

* - Indicates that all criteria were met for this parameter.

DATA VALIDATION SUMMARY

The problems with the calibrations and laboratory control sample recoveries should be noted. These are described in detail below.

No other problems were found that would affect the use of the data.

Holding Times

All samples were analyzed within the allowable holding time of 30 days from collection.

Tunes

No problems were detected with the tunes associated with the samples of this delivery group.

Surrogate Compound Recoveries

All surrogate compound recoveries were within the 70% - 130% quality assurance limits.

Calibrations

All %RSDs in the initial calibration were less than 30%.

All of the percent differences in the 1/22 continuing calibration, associated with the undiluted analyses of the samples, were less than 30% with the exceptions of bromoform (31%) and ethanol (59%).

The data for these compounds were flagged with the “J” qualifier and are estimated values.

The percent difference of ethanol in the 1/23 continuing calibration, associated with the diluted analyses of sample 140-757-2 DL / B04-IA1-20140114 DL was less than 30%.

Ethanol was the only compound quantitated from this continuing calibration.

Field Duplicate

A field duplicate was not analyzed with this sample delivery group.

Laboratory Control Sample

The laboratory used the continuing calibration standard for the laboratory control sample.

The recoveries of bromoform (131%) and ethanol (159%) were outside of the 70% - 130% quality control limits used for the data validation in the undiluted analyses of all of the samples.

The data for ethanol were flagged with the "J" qualifier and are estimated values.

Bromoform was not detected in any of the samples and the high recovery does not affect the use of the data.

Method Blanks

No compounds were detected in the method blanks.

Internal Standard Areas and Retention Times

The recoveries and retention times of all internal standards were within the required quality control limits (60% - 140%).

Sample Results

No problems were found with the reported results of any of the samples of this delivery group.

Validated by:

Nancy Potak

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
FARMINGDALE PLAZA CLEANERS, FARMINGDALE, NEW YORK

Client: AECOM Technical Services, Inc., Chestnut Ridge, New York
SDG: 140-2499-1
Laboratory: Test America, Knoxville, Tennessee
Site: Farmingdale Plaza Cleaners (#130107), Farmingdale, New York
Date: February 25, 2015

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	B03-SS1-20141215	140-2499-01	Air
2	B03-IA1-20141215	140-2499-02	Air
3	B03-SS2-20141215	140-2499-03	Air
4	B03-IA51-20141215	140-2499-04	Air
5	B03-CS2-20141215	140-2499-05	Air
6	B03-OA1-20141215	140-2499-06	Air
7	B04-IA2-20141215	140-2499-07	Air
7DL	B04-IA2-20141215DL	140-2499-07DL	Air
8	B04-SV2-20141216	140-2499-08	Air
9	B04-SV1-20141216	140-2499-09	Air
10	B01-SS2-20141216	140-2499-10	Air
11	B01-IA2-20141216	140-2499-11	Air
12	B01-SS1-20141216	140-2499-12	Air
12DL	B01-SS1-20141216DL	140-2499-12DL	Air

A Data Usability Summary Review was performed on the analytical data for twelve air samples collected on December 16, 2014 by AECOM Technical Services at the Farmingdale Plaza Cleaners site in Farmingdale, New York. The samples were analyzed under "*Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B*", Compendium Method TO-15, "*Determination Of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters And Analyzed By Gas Chromatography/Mass Spectrometry (GC/MS)*".

The data have been evaluated according to the protocols and quality control (QC) requirements of the USEPA Region II Data Review Standard Operating Procedure (SOP) Number HW-31, Revision 4, October 2006: Validating Volatile Organics of Ambient Air on Canisters by Method TO-15, and the reviewer's professional judgment.

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Cover letter, Narrative, and Data Reporting Forms
- Canister Certification Blanks

- Canister Certification Pressures Differences
- Chains-of-Custody and Traffic Reports
- Holding Times and sample preservation
- Laboratory Control Sample (LCS) recoveries
- Surrogate Compound Recoveries
- GC/MS Tuning
- Method Blank Contamination
- Initial and Continuing Calibration Summaries
- Compound Quantitation
- Internal Standard (IS) Area Performance
- Field Duplicate Sample Precision

The items listed above were technically and contractually in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

Overall Evaluation of Data and Potential Usability Issues

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- 1,1-Dichloroethene or ethanol were qualified as estimated in all samples due to high continuing calibration %D values.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met

Canister Certification Blanks

- The batch blank checks were non-detect or < RL.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met

Holding Times

- All samples were analyzed within 30 days for air samples.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
LCS 140-2134/1002	1,1-Dichloroethene	133%	None	All ND

Surrogate Compound Recoveries

- All samples exhibited acceptable surrogate recoveries.

GC/MS Tuning

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and/or correlation coefficient and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 30 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
12/29/14	1,1-Dichloroethene	33.0%	J/UJ	1-12, 12DL
12/30/14	Ethanol	35.6%	J/UJ	7DL

Compound Quantitation

- EDS Sample ID #10 was analyzed at a 1.79X dilution due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was taken.
- EDS Sample ID #s 7 and 12 exhibited high concentrations of ethanol and tetrachloroethene respectively. The samples were diluted and reanalyzed and the dilution results for these compounds should be used for reporting purposes.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	B03-IA1-20141215 ppbv	B03-IA51-20141215 ppbv	RPD	Qualifier
1,2,4-Trimethylbenzene	0.14	0.17	19%	None
2,2,4-Trimethylpentane	0.56	0.63	12%	
2-Butanone	1.4	1.5	7%	
4-Methyl-2-pentanone	0.20U	0.32	NC	
Benzene	0.87	0.97	11%	
Carbon tetrachloride	0.097	0.11	13%	
Chloromethane	0.56	0.57	2%	
Cyclohexane	0.42	0.49	15%	
Dichlorodifluoromethane	0.47	0.50	6%	
Ethanol	36	39	8%	
Ethylbenzene	0.22	0.22	0%	
Hexane	1.1	1.2	9%	
Methylene chloride	0.61	0.45	30%	
m-Xylene & p-Xylene	0.73	0.87	18%	
o-Xylene	0.24	0.30	22%	

Compound	B03-IA1-20141215 ppbv	B03-IA51-20141215 ppbv	RPD	Qualifier
Tetrachloroethene	0.17	0.19	11%	None
Toluene	1.5	1.5	0%	
Trichloroethene	0.059	0.064	8%	
Trichlorofluoromethane	0.26	0.27	4%	

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 3/3/15

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville | Job No.: 140-2499-1

SDG No.:

Client Sample ID: B03-SS1-20141215 | Lab Sample ID: 140-2499-1

Matrix: Air | Lab File ID: EL29P104.D

Analysis Method: TO 15 LL | Date Collected: 12/16/2014 10:40

Sample wt/vol: 500(mL) | Date Analyzed: 12/29/2014 17:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-5 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 2134 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.080	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.080	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.080	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.080	
75-34-3	1,1-Dichloroethane	98.96	ND		0.080	
75-35-4	1,1-Dichloroethene	96.94	ND	J UJ	0.080	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.080	
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20		0.080	
106-93-4	1,2-Dibromoethane	187.87	ND		0.080	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.080	
107-06-2	1,2-Dichloroethane	98.96	ND		0.080	
78-87-5	1,2-Dichloropropane	112.99	ND		0.080	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.080	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.080	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.080	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.080	
123-91-1	1,4-Dioxane	88.11	ND		0.20	
540-84-1	2,2,4-Trimethylpentane	114.23	0.59		0.20	
78-93-3	2-Butanone	72.11	1.7		0.32	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	0.37		0.20	
71-43-2	Benzene	78.11	0.93		0.080	
100-44-7	Benzyl chloride	126.58	ND		0.16	
75-27-4	Bromodichloromethane	163.83	ND		0.080	
75-25-2	Bromoform	252.75	ND		0.080	
74-83-9	Bromomethane	94.94	ND		0.080	
56-23-5	Carbon tetrachloride	153.81	0.097		0.040	
108-90-7	Chlorobenzene	112.56	ND		0.080	
75-00-3	Chloroethane	64.52	ND		0.080	
67-66-3	Chloroform	119.38	ND		0.080	
74-87-3	Chloromethane	50.49	0.55		0.20	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.080	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.080	
110-82-7	Cyclohexane	84.16	0.45		0.20	

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville | Job No.: 140-2499-1

SDG No.:

Client Sample ID: B03-SS1-20141215 | Lab Sample ID: 140-2499-1

Matrix: Air | Lab File ID: EL29P104.D

Analysis Method: TO 15 LL | Date Collected: 12/16/2014 10:40

Sample wt/vol: 500(mL) | Date Analyzed: 12/29/2014 17:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-5 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 2134 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.080	
75-71-8	Dichlorodifluoromethane	120.91	0.47		0.080	
64-17-5	Ethanol	46.07	24		0.80	
100-41-4	Ethylbenzene	106.17	0.27		0.080	
87-68-3	Hexachlorobutadiene	260.76	ND		0.080	
110-54-3	Hexane	86.17	1.1		0.20	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.16	
75-09-2	Methylene Chloride	84.93	0.43		0.20	
179601-23-1	m-Xylene & p-Xylene	106.17	1.0		0.080	
95-47-6	o-Xylene	106.17	0.31		0.080	
100-42-5	Styrene	104.15	ND		0.080	
75-65-0	t-Butyl alcohol	74.12	ND		0.32	
127-18-4	Tetrachloroethene	165.83	0.25		0.080	
108-88-3	Toluene	92.14	1.7		0.12	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.080	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.080	
79-01-6	Trichloroethene	131.39	0.081		0.040	
75-69-4	Trichlorofluoromethane	137.37	0.26		0.080	
75-01-4	Vinyl chloride	62.50	ND		0.080	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		60-140

NW 2125115

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville | Job No.: 140-2499-1

SDG No.:

Client Sample ID: B03-SS1-20141215 | Lab Sample ID: 140-2499-1

Matrix: Air | Lab File ID: EL29P104.D

Analysis Method: TO 15 LL | Date Collected: 12/16/2014 10:40

Sample wt/vol: 500(mL) | Date Analyzed: 12/29/2014 17:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-5 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 2134 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.44	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.55	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.44	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.61	
75-34-3	1,1-Dichloroethane	98.96	ND		0.32	
75-35-4	1,1-Dichloroethene	96.94	~~ND~~	UJ	0.32	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.59	
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98		0.39	
106-93-4	1,2-Dibromoethane	187.87	ND		0.61	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.48	
107-06-2	1,2-Dichloroethane	98.96	ND		0.32	
78-87-5	1,2-Dichloropropane	112.99	ND		0.37	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.56	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.39	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.48	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.48	
123-91-1	1,4-Dioxane	88.11	ND		0.72	
540-84-1	2,2,4-Trimethylpentane	114.23	2.7		0.93	
78-93-3	2-Butanone	72.11	4.9		0.94	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	1.5		0.82	
71-43-2	Benzene	78.11	3.0		0.26	
100-44-7	Benzyl chloride	126.58	ND		0.83	
75-27-4	Bromodichloromethane	163.83	ND		0.54	
75-25-2	Bromoform	252.75	ND		0.83	
74-83-9	Bromomethane	94.94	ND		0.31	
56-23-5	Carbon tetrachloride	153.81	0.61		0.25	
108-90-7	Chlorobenzene	112.56	ND		0.37	
75-00-3	Chloroethane	64.52	ND		0.21	
67-66-3	Chloroform	119.38	ND		0.39	
74-87-3	Chloromethane	50.49	1.1		0.41	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.32	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.36	
110-82-7	Cyclohexane	84.16	1.5		0.69	

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville | Job No.: 140-2499-1

SDG No.:

Client Sample ID: B03-SS1-20141215 | Lab Sample ID: 140-2499-1

Matrix: Air | Lab File ID: EL29P104.D

Analysis Method: TO 15 LL | Date Collected: 12/16/2014 10:40

Sample wt/vol: 500(mL) | Date Analyzed: 12/29/2014 17:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-5 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 2134 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.68	
75-71-8	Dichlorodifluoromethane	120.91	2.3		0.40	
64-17-5	Ethanol	46.07	46		1.5	
100-41-4	Ethylbenzene	106.17	1.2		0.35	
87-68-3	Hexachlorobutadiene	260.76	ND		0.85	
110-54-3	Hexane	86.17	4.0		0.70	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.58	
75-09-2	Methylene Chloride	84.93	1.5		0.69	
179601-23-1	m-Xylene & p-Xylene	106.17	4.5		0.35	
95-47-6	o-Xylene	106.17	1.3		0.35	
100-42-5	Styrene	104.15	ND		0.34	
75-65-0	t-Butyl alcohol	74.12	ND		0.97	
127-18-4	Tetrachloroethene	165.83	1.7		0.54	
108-88-3	Toluene	92.14	6.2		0.45	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.32	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.36	
79-01-6	Trichloroethene	131.39	0.44		0.21	
75-69-4	Trichlorofluoromethane	137.37	1.5		0.45	
75-01-4	Vinyl chloride	62.50	ND		0.20	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		60-140

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B03-IA1-20141215 Lab Sample ID: 140-2499-2

Matrix: Air Lab File ID: EL29P105.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:38

Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 18:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.080	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.080	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.080	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.080	
75-34-3	1,1-Dichloroethane	98.96	ND		0.080	
75-35-4	1,1-Dichloroethene	96.94	~~ND~~	J UJ	0.080	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.080	
95-63-6	1,2,4-Trimethylbenzene	120.20	0.14		0.080	
106-93-4	1,2-Dibromoethane	187.87	ND		0.080	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.080	
107-06-2	1,2-Dichloroethane	98.96	ND		0.080	
78-87-5	1,2-Dichloropropane	112.99	ND		0.080	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.080	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.080	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.080	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.080	
123-91-1	1,4-Dioxane	88.11	ND		0.20	
540-84-1	2,2,4-Trimethylpentane	114.23	0.56		0.20	
78-93-3	2-Butanone	72.11	1.4		0.32	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		0.20	
71-43-2	Benzene	78.11	0.87		0.080	
100-44-7	Benzyl chloride	126.58	ND		0.16	
75-27-4	Bromodichloromethane	163.83	ND		0.080	
75-25-2	Bromoform	252.75	ND		0.080	
74-83-9	Bromomethane	94.94	ND		0.080	
56-23-5	Carbon tetrachloride	153.81	0.097		0.040	
108-90-7	Chlorobenzene	112.56	ND		0.080	
75-00-3	Chloroethane	64.52	ND		0.080	
67-66-3	Chloroform	119.38	ND		0.080	
74-87-3	Chloromethane	50.49	0.56		0.20	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.080	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.080	
110-82-7	Cyclohexane	84.16	0.42		0.20	

MJ 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B03-IA1-20141215 Lab Sample ID: 140-2499-2

Matrix: Air Lab File ID: EL29P105.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:38

Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 18:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.080	
75-71-8	Dichlorodifluoromethane	120.91	0.47		0.080	
64-17-5	Ethanol	46.07	36		0.80	
100-41-4	Ethylbenzene	106.17	0.22		0.080	
87-68-3	Hexachlorobutadiene	260.76	ND		0.080	
110-54-3	Hexane	86.17	1.1		0.20	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.16	
75-09-2	Methylene Chloride	84.93	0.61		0.20	
179601-23-1	m-Xylene & p-Xylene	106.17	0.73		0.080	
95-47-6	o-Xylene	106.17	0.24		0.080	
100-42-5	Styrene	104.15	ND		0.080	
75-65-0	t-Butyl alcohol	74.12	ND		0.32	
127-18-4	Tetrachloroethene	165.83	0.17		0.080	
108-88-3	Toluene	92.14	1.5		0.12	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.080	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.080	
79-01-6	Trichloroethene	131.39	0.059		0.040	
75-69-4	Trichlorofluoromethane	137.37	0.26		0.080	
75-01-4	Vinyl chloride	62.50	ND		0.080	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		60-140

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1
SDG No.:
Client Sample ID: B03-IA1-20141215 Lab Sample ID: 140-2499-2
Matrix: Air Lab File ID: EL29P105.D
Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:38
Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 18:36
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.44	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.55	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.44	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.61	
75-34-3	1,1-Dichloroethane	98.96	ND		0.32	
75-35-4	1,1-Dichloroethene	96.94	ND	* UJ	0.32	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.59	
95-63-6	1,2,4-Trimethylbenzene	120.20	0.71		0.39	
106-93-4	1,2-Dibromoethane	187.87	ND		0.61	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.48	
107-06-2	1,2-Dichloroethane	98.96	ND		0.32	
78-87-5	1,2-Dichloropropane	112.99	ND		0.37	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.56	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.39	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.48	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.48	
123-91-1	1,4-Dioxane	88.11	ND		0.72	
540-84-1	2,2,4-Trimethylpentane	114.23	2.6		0.93	
78-93-3	2-Butanone	72.11	4.3		0.94	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		0.82	
71-43-2	Benzene	78.11	2.8		0.26	
100-44-7	Benzyl chloride	126.58	ND		0.83	
75-27-4	Bromodichloromethane	163.83	ND		0.54	
75-25-2	Bromoform	252.75	ND		0.83	
74-83-9	Bromomethane	94.94	ND		0.31	
56-23-5	Carbon tetrachloride	153.81	0.61		0.25	
108-90-7	Chlorobenzene	112.56	ND		0.37	
75-00-3	Chloroethane	64.52	ND		0.21	
67-66-3	Chloroform	119.38	ND		0.39	
74-87-3	Chloromethane	50.49	1.2		0.41	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.32	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.36	
110-82-7	Cyclohexane	84.16	1.5		0.69	

MV 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville | Job No.: 140-2499-1

SDG No.:

Client Sample ID: B03-IA1-20141215 | Lab Sample ID: 140-2499-2

Matrix: Air | Lab File ID: EL29P105.D

Analysis Method: TO 15 LL | Date Collected: 12/16/2014 10:38

Sample wt/vol: 500(mL) | Date Analyzed: 12/29/2014 18:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-5 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 2134 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.68	
75-71-8	Dichlorodifluoromethane	120.91	2.3		0.40	
64-17-5	Ethanol	46.07	67		1.5	
100-41-4	Ethylbenzene	106.17	0.94		0.35	
87-68-3	Hexachlorobutadiene	260.76	ND		0.85	
110-54-3	Hexane	86.17	3.9		0.70	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.58	
75-09-2	Methylene Chloride	84.93	2.1		0.69	
179601-23-1	m-Xylene & p-Xylene	106.17	3.2		0.35	
95-47-6	o-Xylene	106.17	1.1		0.35	
100-42-5	Styrene	104.15	ND		0.34	
75-65-0	t-Butyl alcohol	74.12	ND		0.97	
127-18-4	Tetrachloroethene	165.83	1.1		0.54	
108-88-3	Toluene	92.14	5.7		0.45	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.32	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.36	
79-01-6	Trichloroethene	131.39	0.32		0.21	
75-69-4	Trichlorofluoromethane	137.37	1.5		0.45	
75-01-4	Vinyl chloride	62.50	ND		0.20	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		60-140

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1
SDG No.:
Client Sample ID: B03-SS2-20141215 Lab Sample ID: 140-2499-3
Matrix: Air Lab File ID: EL29P106.D
Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:35
Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 19:26
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.080	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.080	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.080	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.080	
75-34-3	1,1-Dichloroethane	98.96	ND		0.080	
75-35-4	1,1-Dichloroethene	96.94	~~ND~~	* UJ	0.080	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.080	
95-63-6	1,2,4-Trimethylbenzene	120.20	0.095		0.080	
106-93-4	1,2-Dibromoethane	187.87	ND		0.080	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.080	
107-06-2	1,2-Dichloroethane	98.96	ND		0.080	
78-87-5	1,2-Dichloropropane	112.99	ND		0.080	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.080	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.080	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.080	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.080	
123-91-1	1,4-Dioxane	88.11	ND		0.20	
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.20	
78-93-3	2-Butanone	72.11	0.45		0.32	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		0.20	
71-43-2	Benzene	78.11	0.34		0.080	
100-44-7	Benzyl chloride	126.58	ND		0.16	
75-27-4	Bromodichloromethane	163.83	ND		0.080	
75-25-2	Bromoform	252.75	ND		0.080	
74-83-9	Bromomethane	94.94	ND		0.080	
56-23-5	Carbon tetrachloride	153.81	0.079		0.040	
108-90-7	Chlorobenzene	112.56	ND		0.080	
75-00-3	Chloroethane	64.52	ND		0.080	
67-66-3	Chloroform	119.38	ND		0.080	
74-87-3	Chloromethane	50.49	0.22		0.20	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.080	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.080	
110-82-7	Cyclohexane	84.16	ND		0.20	

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B03-SS2-20141215 Lab Sample ID: 140-2499-3

Matrix: Air Lab File ID: EL29P106.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:35

Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 19:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.080	
75-71-8	Dichlorodifluoromethane	120.91	0.48		0.080	
64-17-5	Ethanol	46.07	17		0.80	
100-41-4	Ethylbenzene	106.17	0.11		0.080	
87-68-3	Hexachlorobutadiene	260.76	ND		0.080	
110-54-3	Hexane	86.17	0.35		0.20	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.16	
75-09-2	Methylene Chloride	84.93	0.25		0.20	
179601-23-1	m-Xylene & p-Xylene	106.17	0.50		0.080	
95-47-6	o-Xylene	106.17	0.14		0.080	
100-42-5	Styrene	104.15	ND		0.080	
75-65-0	t-Butyl alcohol	74.12	ND		0.32	
127-18-4	Tetrachloroethene	165.83	4.0		0.080	
108-88-3	Toluene	92.14	0.60		0.12	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.080	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.080	
79-01-6	Trichloroethene	131.39	0.046		0.040	
75-69-4	Trichlorofluoromethane	137.37	0.24		0.080	
75-01-4	Vinyl chloride	62.50	ND		0.080	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	93		60-140

2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1
SDG No.:
Client Sample ID: B03-SS2-20141215 Lab Sample ID: 140-2499-3
Matrix: Air Lab File ID: EL29P106.D
Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:35
Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 19:26
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.44	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.55	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.44	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.61	
75-34-3	1,1-Dichloroethane	98.96	ND		0.32	
75-35-4	1,1-Dichloroethene	96.94	ND	UJ	0.32	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.59	
95-63-6	1,2,4-Trimethylbenzene	120.20	0.47		0.39	
106-93-4	1,2-Dibromoethane	187.87	ND		0.61	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.48	
107-06-2	1,2-Dichloroethane	98.96	ND		0.32	
78-87-5	1,2-Dichloropropane	112.99	ND		0.37	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.56	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.39	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.48	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.48	
123-91-1	1,4-Dioxane	88.11	ND		0.72	
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.93	
78-93-3	2-Butanone	72.11	1.3		0.94	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		0.82	
71-43-2	Benzene	78.11	1.1		0.26	
100-44-7	Benzyl chloride	126.58	ND		0.83	
75-27-4	Bromodichloromethane	163.83	ND		0.54	
75-25-2	Bromoform	252.75	ND		0.83	
74-83-9	Bromomethane	94.94	ND		0.31	
56-23-5	Carbon tetrachloride	153.81	0.50		0.25	
108-90-7	Chlorobenzene	112.56	ND		0.37	
75-00-3	Chloroethane	64.52	ND		0.21	
67-66-3	Chloroform	119.38	ND		0.39	
74-87-3	Chloromethane	50.49	0.46		0.41	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.32	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.36	
110-82-7	Cyclohexane	84.16	ND		0.69	

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville | Job No.: 140-2499-1

SDG No.:

Client Sample ID: B03-SS2-20141215 | Lab Sample ID: 140-2499-3

Matrix: Air | Lab File ID: EL29P106.D

Analysis Method: TO 15 LL | Date Collected: 12/16/2014 10:35

Sample wt/vol: 500(mL) | Date Analyzed: 12/29/2014 19:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-5 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 2134 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.68	
75-71-8	Dichlorodifluoromethane	120.91	2.4		0.40	
64-17-5	Ethanol	46.07	32		1.5	
100-41-4	Ethylbenzene	106.17	0.50		0.35	
87-68-3	Hexachlorobutadiene	260.76	ND		0.85	
110-54-3	Hexane	86.17	1.2		0.70	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.58	
75-09-2	Methylene Chloride	84.93	0.88		0.69	
179601-23-1	m-Xylene & p-Xylene	106.17	2.2		0.35	
95-47-6	o-Xylene	106.17	0.60		0.35	
100-42-5	Styrene	104.15	ND		0.34	
75-65-0	t-Butyl alcohol	74.12	ND		0.97	
127-18-4	Tetrachloroethene	165.83	27		0.54	
108-88-3	Toluene	92.14	2.3		0.45	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.32	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.36	
79-01-6	Trichloroethene	131.39	0.25		0.21	
75-69-4	Trichlorofluoromethane	137.37	1.3		0.45	
75-01-4	Vinyl chloride	62.50	ND		0.20	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	93		60-140

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B03-IA51-20141215 Lab Sample ID: 140-2499-4

Matrix: Air Lab File ID: EL29P107.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:37

Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 20:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.080	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.080	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.080	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.080	
75-34-3	1,1-Dichloroethane	98.96	ND		0.080	
75-35-4	1,1-Dichloroethene	96.94	~~ND~~	UJ	0.080	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.080	
95-63-6	1,2,4-Trimethylbenzene	120.20	0.17		0.080	
106-93-4	1,2-Dibromoethane	187.87	ND		0.080	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.080	
107-06-2	1,2-Dichloroethane	98.96	ND		0.080	
78-87-5	1,2-Dichloropropane	112.99	ND		0.080	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.080	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.080	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.080	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.080	
123-91-1	1,4-Dioxane	88.11	ND		0.20	
540-84-1	2,2,4-Trimethylpentane	114.23	0.63		0.20	
78-93-3	2-Butanone	72.11	1.5		0.32	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	0.32		0.20	
71-43-2	Benzene	78.11	0.97		0.080	
100-44-7	Benzyl chloride	126.58	ND		0.16	
75-27-4	Bromodichloromethane	163.83	ND		0.080	
75-25-2	Bromoform	252.75	ND		0.080	
74-83-9	Bromomethane	94.94	ND		0.080	
56-23-5	Carbon tetrachloride	153.81	0.11		0.040	
108-90-7	Chlorobenzene	112.56	ND		0.080	
75-00-3	Chloroethane	64.52	ND		0.080	
67-66-3	Chloroform	119.38	ND		0.080	
74-87-3	Chloromethane	50.49	0.57		0.20	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.080	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.080	
110-82-7	Cyclohexane	84.16	0.49		0.20	

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville | Job No.: 140-2499-1
SDG No.:
Client Sample ID: B03-IA51-20141215 | Lab Sample ID: 140-2499-4
Matrix: Air | Lab File ID: EL29P107.D
Analysis Method: TO 15 LL | Date Collected: 12/16/2014 10:37
Sample wt/vol: 500(mL) | Date Analyzed: 12/29/2014 20:15
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: RTX-5 ID: 0.32(mm)
% Moisture: | Level: (low/med) Low
Analysis Batch No.: 2134 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.080	
75-71-8	Dichlorodifluoromethane	120.91	0.50		0.080	
64-17-5	Ethanol	46.07	39		0.80	
100-41-4	Ethylbenzene	106.17	0.22		0.080	
87-68-3	Hexachlorobutadiene	260.76	ND		0.080	
110-54-3	Hexane	86.17	1.2		0.20	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.16	
75-09-2	Methylene Chloride	84.93	0.45		0.20	
179601-23-1	m-Xylene & p-Xylene	106.17	0.87		0.080	
95-47-6	o-Xylene	106.17	0.30		0.080	
100-42-5	Styrene	104.15	ND		0.080	
75-65-0	t-Butyl alcohol	74.12	ND		0.32	
127-18-4	Tetrachloroethene	165.83	0.19		0.080	
108-88-3	Toluene	92.14	1.5		0.12	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.080	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.080	
79-01-6	Trichloroethene	131.39	0.064		0.040	
75-69-4	Trichlorofluoromethane	137.37	0.27		0.080	
75-01-4	Vinyl chloride	62.50	ND		0.080	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		60-140

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1
SDG No.:
Client Sample ID: B03-IA51-20141215 Lab Sample ID: 140-2499-4
Matrix: Air Lab File ID: EL29P107.D
Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:37
Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 20:15
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.44	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.55	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.44	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.61	
75-34-3	1,1-Dichloroethane	98.96	ND		0.32	
75-35-4	1,1-Dichloroethene	96.94	~~ND~~	UJ	0.32	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.59	
95-63-6	1,2,4-Trimethylbenzene	120.20	0.85		0.39	
106-93-4	1,2-Dibromoethane	187.87	ND		0.61	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.48	
107-06-2	1,2-Dichloroethane	98.96	ND		0.32	
78-87-5	1,2-Dichloropropane	112.99	ND		0.37	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.56	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.39	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.48	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.48	
123-91-1	1,4-Dioxane	88.11	ND		0.72	
540-84-1	2,2,4-Trimethylpentane	114.23	3.0		0.93	
78-93-3	2-Butanone	72.11	4.4		0.94	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	1.3		0.82	
71-43-2	Benzene	78.11	3.1		0.26	
100-44-7	Benzyl chloride	126.58	ND		0.83	
75-27-4	Bromodichloromethane	163.83	ND		0.54	
75-25-2	Bromoform	252.75	ND		0.83	
74-83-9	Bromomethane	94.94	ND		0.31	
56-23-5	Carbon tetrachloride	153.81	0.70		0.25	
108-90-7	Chlorobenzene	112.56	ND		0.37	
75-00-3	Chloroethane	64.52	ND		0.21	
67-66-3	Chloroform	119.38	ND		0.39	
74-87-3	Chloromethane	50.49	1.2		0.41	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.32	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.36	
110-82-7	Cyclohexane	84.16	1.7		0.69	

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B03-IA51-20141215 Lab Sample ID: 140-2499-4

Matrix: Air Lab File ID: EL29P107.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:37

Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 20:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.68	
75-71-8	Dichlorodifluoromethane	120.91	2.5		0.40	
64-17-5	Ethanol	46.07	73		1.5	
100-41-4	Ethylbenzene	106.17	0.94		0.35	
87-68-3	Hexachlorobutadiene	260.76	ND		0.85	
110-54-3	Hexane	86.17	4.1		0.70	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.58	
75-09-2	Methylene Chloride	84.93	1.6		0.69	
179601-23-1	m-Xylene & p-Xylene	106.17	3.8		0.35	
95-47-6	o-Xylene	106.17	1.3		0.35	
100-42-5	Styrene	104.15	ND		0.34	
75-65-0	t-Butyl alcohol	74.12	ND		0.97	
127-18-4	Tetrachloroethene	165.83	1.3		0.54	
108-88-3	Toluene	92.14	5.7		0.45	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.32	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.36	
79-01-6	Trichloroethene	131.39	0.34		0.21	
75-69-4	Trichlorofluoromethane	137.37	1.5		0.45	
75-01-4	Vinyl chloride	62.50	ND		0.20	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		60-140

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville | Job No.: 140-2499-1
SDG No.:
Client Sample ID: B03-CS2-20141215 | Lab Sample ID: 140-2499-5
Matrix: Air | Lab File ID: EL29P108.D
Analysis Method: TO 15 LL | Date Collected: 12/16/2014 10:36
Sample wt/vol: 500(mL) | Date Analyzed: 12/29/2014 21:05
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: RTX-5 ID: 0.32(mm)
% Moisture: | Level: (low/med) Low
Analysis Batch No.: 2134 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.080	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.080	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.080	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.080	
75-34-3	1,1-Dichloroethane	98.96	ND		0.080	
75-35-4	1,1-Dichloroethene	96.94	~~ND~~	UJ	0.080	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.080	
95-63-6	1,2,4-Trimethylbenzene	120.20	0.12		0.080	
106-93-4	1,2-Dibromoethane	187.87	ND		0.080	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.080	
107-06-2	1,2-Dichloroethane	98.96	ND		0.080	
78-87-5	1,2-Dichloropropane	112.99	ND		0.080	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.080	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.080	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.080	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.080	
123-91-1	1,4-Dioxane	88.11	ND		0.20	
540-84-1	2,2,4-Trimethylpentane	114.23	0.59		0.20	
78-93-3	2-Butanone	72.11	0.63		0.32	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		0.20	
71-43-2	Benzene	78.11	0.85		0.080	
100-44-7	Benzyl chloride	126.58	ND		0.16	
75-27-4	Bromodichloromethane	163.83	ND		0.080	
75-25-2	Bromoform	252.75	ND		0.080	
74-83-9	Bromomethane	94.94	ND		0.080	
56-23-5	Carbon tetrachloride	153.81	0.077		0.040	
108-90-7	Chlorobenzene	112.56	ND		0.080	
75-00-3	Chloroethane	64.52	ND		0.080	
67-66-3	Chloroform	119.38	ND		0.080	
74-87-3	Chloromethane	50.49	0.60		0.20	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.080	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.080	
110-82-7	Cyclohexane	84.16	0.43		0.20	

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1
SDG No.:
Client Sample ID: B03-CS2-20141215 Lab Sample ID: 140-2499-5
Matrix: Air Lab File ID: EL29P108.D
Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:36
Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 21:05
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.080	
75-71-8	Dichlorodifluoromethane	120.91	0.46		0.080	
64-17-5	Ethanol	46.07	40		0.80	
100-41-4	Ethylbenzene	106.17	0.19		0.080	
87-68-3	Hexachlorobutadiene	260.76	ND		0.080	
110-54-3	Hexane	86.17	0.98		0.20	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.16	
75-09-2	Methylene Chloride	84.93	0.53		0.20	
179601-23-1	m-Xylene & p-Xylene	106.17	0.65		0.080	
95-47-6	o-Xylene	106.17	0.22		0.080	
100-42-5	Styrene	104.15	ND		0.080	
75-65-0	t-Butyl alcohol	74.12	ND		0.32	
127-18-4	Tetrachloroethene	165.83	0.14		0.080	
108-88-3	Toluene	92.14	1.4		0.12	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.080	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.080	
79-01-6	Trichloroethene	131.39	0.061		0.040	
75-69-4	Trichlorofluoromethane	137.37	0.26		0.080	
75-01-4	Vinyl chloride	62.50	ND		0.080	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		60-140

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B03-CS2-20141215 Lab Sample ID: 140-2499-5

Matrix: Air Lab File ID: EL29P108.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:36

Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 21:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.44	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.55	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.44	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.61	
75-34-3	1,1-Dichloroethane	98.96	ND		0.32	
75-35-4	1,1-Dichloroethene	96.94	~~ND~~	UJ	0.32	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.59	
95-63-6	1,2,4-Trimethylbenzene	120.20	0.58		0.39	
106-93-4	1,2-Dibromoethane	187.87	ND		0.61	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.48	
107-06-2	1,2-Dichloroethane	98.96	ND		0.32	
78-87-5	1,2-Dichloropropane	112.99	ND		0.37	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.56	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.39	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.48	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.48	
123-91-1	1,4-Dioxane	88.11	ND		0.72	
540-84-1	2,2,4-Trimethylpentane	114.23	2.8		0.93	
78-93-3	2-Butanone	72.11	1.9		0.94	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		0.82	
71-43-2	Benzene	78.11	2.7		0.26	
100-44-7	Benzyl chloride	126.58	ND		0.83	
75-27-4	Bromodichloromethane	163.83	ND		0.54	
75-25-2	Bromoform	252.75	ND		0.83	
74-83-9	Bromomethane	94.94	ND		0.31	
56-23-5	Carbon tetrachloride	153.81	0.49		0.25	
108-90-7	Chlorobenzene	112.56	ND		0.37	
75-00-3	Chloroethane	64.52	ND		0.21	
67-66-3	Chloroform	119.38	ND		0.39	
74-87-3	Chloromethane	50.49	1.2		0.41	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.32	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.36	
110-82-7	Cyclohexane	84.16	1.5		0.69	

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1
SDG No.:
Client Sample ID: B03-CS2-20141215 Lab Sample ID: 140-2499-5
Matrix: Air Lab File ID: EL29P108.D
Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:36
Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 21:05
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.68	
75-71-8	Dichlorodifluoromethane	120.91	2.3		0.40	
64-17-5	Ethanol	46.07	76		1.5	
100-41-4	Ethylbenzene	106.17	0.83		0.35	
87-68-3	Hexachlorobutadiene	260.76	ND		0.85	
110-54-3	Hexane	86.17	3.4		0.70	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.58	
75-09-2	Methylene Chloride	84.93	1.8		0.69	
179601-23-1	m-Xylene & p-Xylene	106.17	2.8		0.35	
95-47-6	o-Xylene	106.17	0.94		0.35	
100-42-5	Styrene	104.15	ND		0.34	
75-65-0	t-Butyl alcohol	74.12	ND		0.97	
127-18-4	Tetrachloroethene	165.83	0.97		0.54	
108-88-3	Toluene	92.14	5.4		0.45	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.32	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.36	
79-01-6	Trichloroethene	131.39	0.33		0.21	
75-69-4	Trichlorofluoromethane	137.37	1.4		0.45	
75-01-4	Vinyl chloride	62.50	ND		0.20	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		60-140

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1
SDG No.:
Client Sample ID: B03-OA1-20141215 Lab Sample ID: 140-2499-6
Matrix: Air Lab File ID: EL29P109.D
Analysis Method: TO 15 LL Date Collected: 12/16/2014 11:05
Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 21:53
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.080	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.080	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.080	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.082		0.080	
75-34-3	1,1-Dichloroethane	98.96	ND		0.080	
75-35-4	1,1-Dichloroethene	96.94	ND	* UJ	0.080	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.080	
95-63-6	1,2,4-Trimethylbenzene	120.20	0.17		0.080	
106-93-4	1,2-Dibromoethane	187.87	ND		0.080	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.080	
107-06-2	1,2-Dichloroethane	98.96	ND		0.080	
78-87-5	1,2-Dichloropropane	112.99	ND		0.080	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.080	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.080	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.080	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.080	
123-91-1	1,4-Dioxane	88.11	ND		0.20	
540-84-1	2,2,4-Trimethylpentane	114.23	0.63		0.20	
78-93-3	2-Butanone	72.11	0.44		0.32	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		0.20	
71-43-2	Benzene	78.11	0.86		0.080	
100-44-7	Benzyl chloride	126.58	ND		0.16	
75-27-4	Bromodichloromethane	163.83	ND		0.080	
75-25-2	Bromoform	252.75	ND		0.080	
74-83-9	Bromomethane	94.94	ND		0.080	
56-23-5	Carbon tetrachloride	153.81	0.093		0.040	
108-90-7	Chlorobenzene	112.56	ND		0.080	
75-00-3	Chloroethane	64.52	ND		0.080	
67-66-3	Chloroform	119.38	ND		0.080	
74-87-3	Chloromethane	50.49	0.54		0.20	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.080	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.080	
110-82-7	Cyclohexane	84.16	0.44		0.20	

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1
SDG No.:
Client Sample ID: B03-OA1-20141215 Lab Sample ID: 140-2499-6
Matrix: Air Lab File ID: EL29P109.D
Analysis Method: TO 15 LL Date Collected: 12/16/2014 11:05
Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 21:53
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.080	
75-71-8	Dichlorodifluoromethane	120.91	0.52		0.080	
64-17-5	Ethanol	46.07	22		0.80	
100-41-4	Ethylbenzene	106.17	0.21		0.080	
87-68-3	Hexachlorobutadiene	260.76	ND		0.080	
110-54-3	Hexane	86.17	0.96		0.20	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.16	
75-09-2	Methylene Chloride	84.93	0.45		0.20	
179601-23-1	m-Xylene & p-Xylene	106.17	0.74		0.080	
95-47-6	o-Xylene	106.17	0.26		0.080	
100-42-5	Styrene	104.15	ND		0.080	
75-65-0	t-Butyl alcohol	74.12	ND		0.32	
127-18-4	Tetrachloroethene	165.83	0.16		0.080	
108-88-3	Toluene	92.14	1.6		0.12	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.080	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.080	
79-01-6	Trichloroethene	131.39	0.092		0.040	
75-69-4	Trichlorofluoromethane	137.37	0.29		0.080	
75-01-4	Vinyl chloride	62.50	ND		0.080	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		60-140

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1
SDG No.:
Client Sample ID: B03-OA1-20141215 Lab Sample ID: 140-2499-6
Matrix: Air Lab File ID: EL29P109.D
Analysis Method: TO 15 LL Date Collected: 12/16/2014 11:05
Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 21:53
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.44	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.55	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.44	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.63		0.61	
75-34-3	1,1-Dichloroethane	98.96	ND		0.32	
75-35-4	1,1-Dichloroethene	96.94	~~ND~~	* UJ	0.32	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.59	
95-63-6	1,2,4-Trimethylbenzene	120.20	0.82		0.39	
106-93-4	1,2-Dibromoethane	187.87	ND		0.61	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.48	
107-06-2	1,2-Dichloroethane	98.96	ND		0.32	
78-87-5	1,2-Dichloropropane	112.99	ND		0.37	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.56	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.39	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.48	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.48	
123-91-1	1,4-Dioxane	88.11	ND		0.72	
540-84-1	2,2,4-Trimethylpentane	114.23	3.0		0.93	
78-93-3	2-Butanone	72.11	1.3		0.94	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		0.82	
71-43-2	Benzene	78.11	2.8		0.26	
100-44-7	Benzyl chloride	126.58	ND		0.83	
75-27-4	Bromodichloromethane	163.83	ND		0.54	
75-25-2	Bromoform	252.75	ND		0.83	
74-83-9	Bromomethane	94.94	ND		0.31	
56-23-5	Carbon tetrachloride	153.81	0.58		0.25	
108-90-7	Chlorobenzene	112.56	ND		0.37	
75-00-3	Chloroethane	64.52	ND		0.21	
67-66-3	Chloroform	119.38	ND		0.39	
74-87-3	Chloromethane	50.49	1.1		0.41	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.32	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.36	
110-82-7	Cyclohexane	84.16	1.5		0.69	

MH 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1
SDG No.:
Client Sample ID: B03-OA1-20141215 Lab Sample ID: 140-2499-6
Matrix: Air Lab File ID: EL29P109.D
Analysis Method: TO 15 LL Date Collected: 12/16/2014 11:05
Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 21:53
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.68	
75-71-8	Dichlorodifluoromethane	120.91	2.6		0.40	
64-17-5	Ethanol	46.07	41		1.5	
100-41-4	Ethylbenzene	106.17	0.92		0.35	
87-68-3	Hexachlorobutadiene	260.76	ND		0.85	
110-54-3	Hexane	86.17	3.4		0.70	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.58	
75-09-2	Methylene Chloride	84.93	1.6		0.69	
179601-23-1	m-Xylene & p-Xylene	106.17	3.2		0.35	
95-47-6	o-Xylene	106.17	1.1		0.35	
100-42-5	Styrene	104.15	ND		0.34	
75-65-0	t-Butyl alcohol	74.12	ND		0.97	
127-18-4	Tetrachloroethene	165.83	1.1		0.54	
108-88-3	Toluene	92.14	5.9		0.45	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.32	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.36	
79-01-6	Trichloroethene	131.39	0.49		0.21	
75-69-4	Trichlorofluoromethane	137.37	1.7		0.45	
75-01-4	Vinyl chloride	62.50	ND		0.20	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		60-140

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B04-IA2-20141215 Lab Sample ID: 140-2499-7

Matrix: Air Lab File ID: EL29P110.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:18

Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 22:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	0.23		0.080	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.080	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.080	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.96		0.080	
75-34-3	1,1-Dichloroethane	98.96	ND		0.080	
75-35-4	1,1-Dichloroethene	96.94	~~ND~~	UJ	0.080	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.080	
95-63-6	1,2,4-Trimethylbenzene	120.20	0.17		0.080	
106-93-4	1,2-Dibromoethane	187.87	ND		0.080	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.080	
107-06-2	1,2-Dichloroethane	98.96	ND		0.080	
78-87-5	1,2-Dichloropropane	112.99	ND		0.080	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.080	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.080	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.080	
106-46-7	1,4-Dichlorobenzene	147.00	0.59		0.080	
123-91-1	1,4-Dioxane	88.11	ND		0.20	
540-84-1	2,2,4-Trimethylpentane	114.23	0.44		0.20	
78-93-3	2-Butanone	72.11	0.54		0.32	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		0.20	
71-43-2	Benzene	78.11	0.61		0.080	
100-44-7	Benzyl chloride	126.58	ND		0.16	
75-27-4	Bromodichloromethane	163.83	ND		0.080	
75-25-2	Bromoform	252.75	ND		0.080	
74-83-9	Bromomethane	94.94	ND		0.080	
56-23-5	Carbon tetrachloride	153.81	0.083		0.040	
108-90-7	Chlorobenzene	112.56	ND		0.080	
75-00-3	Chloroethane	64.52	ND		0.080	
67-66-3	Chloroform	119.38	0.11		0.080	
74-87-3	Chloromethane	50.49	0.69		0.20	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.080	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.080	
110-82-7	Cyclohexane	84.16	0.31		0.20	

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B04-IA2-20141215 Lab Sample ID: 140-2499-7

Matrix: Air Lab File ID: EL29P110.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:18

Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 22:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.080	
75-71-8	Dichlorodifluoromethane	120.91	0.51		0.080	
64-17-5	*Ethanol*	*46.07*	140 ~~130~~ ~~E~~		~~0.80~~	4.0
100-41-4	Ethylbenzene	106.17	0.21		0.080	
87-68-3	Hexachlorobutadiene	260.76	ND		0.080	
110-54-3	Hexane	86.17	0.71		0.20	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.16	
75-09-2	Methylene Chloride	84.93	0.66		0.20	
179601-23-1	m-Xylene & p-Xylene	106.17	0.80		0.080	
95-47-6	o-Xylene	106.17	0.27		0.080	
100-42-5	Styrene	104.15	ND		0.080	
75-65-0	t-Butyl alcohol	74.12	ND		0.32	
127-18-4	Tetrachloroethene	165.83	0.57		0.080	
108-88-3	Toluene	92.14	1.2		0.12	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.080	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.080	
79-01-6	Trichloroethene	131.39	0.060		0.040	
75-69-4	Trichlorofluoromethane	137.37	0.27		0.080	
75-01-4	Vinyl chloride	62.50	ND		0.080	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		60-140

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B04-IA2-20141215 Lab Sample ID: 140-2499-7

Matrix: Air Lab File ID: EL29P110.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:18

Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 22:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	1.3		0.44	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.55	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.44	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	7.3		0.61	
75-34-3	1,1-Dichloroethane	98.96	ND		0.32	
75-35-4	1,1-Dichloroethene	96.94	~~ND~~	f UJ	0.32	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.59	
95-63-6	1,2,4-Trimethylbenzene	120.20	0.84		0.39	
106-93-4	1,2-Dibromoethane	187.87	ND		0.61	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.48	
107-06-2	1,2-Dichloroethane	98.96	ND		0.32	
78-87-5	1,2-Dichloropropane	112.99	ND		0.37	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.56	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.39	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.48	
106-46-7	1,4-Dichlorobenzene	147.00	3.6		0.48	
123-91-1	1,4-Dioxane	88.11	ND		0.72	
540-84-1	2,2,4-Trimethylpentane	114.23	2.0		0.93	
78-93-3	2-Butanone	72.11	1.6		0.94	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		0.82	
71-43-2	Benzene	78.11	1.9		0.26	
100-44-7	Benzyl chloride	126.58	ND		0.83	
75-27-4	Bromodichloromethane	163.83	ND		0.54	
75-25-2	Bromoform	252.75	ND		0.83	
74-83-9	Bromomethane	94.94	ND		0.31	
56-23-5	Carbon tetrachloride	153.81	0.52		0.25	
108-90-7	Chlorobenzene	112.56	ND		0.37	
75-00-3	Chloroethane	64.52	ND		0.21	
67-66-3	Chloroform	119.38	0.54		0.39	
74-87-3	Chloromethane	50.49	1.4		0.41	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.32	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.36	
110-82-7	Cyclohexane	84.16	1.1		0.69	

RW 2/25/15

7

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville | Job No.: 140-2499-1

SDG No.:

Client Sample ID: B04-IA2-20141215 | Lab Sample ID: 140-2499-7

Matrix: Air | Lab File ID: EL29P110.D

Analysis Method: TO 15 LL | Date Collected: 12/16/2014 10:18

Sample wt/vol: 500(mL) | Date Analyzed: 12/29/2014 22:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-5 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 2134 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.68	
75-71-8	Dichlorodifluoromethane	120.91	2.5		0.40	
64-17-5	*Ethanol*	*46.07*	270 ~~240 E~~		~~1.5~~	7.5
100-41-4	Ethylbenzene	106.17	0.92		0.35	
87-68-3	Hexachlorobutadiene	260.76	ND		0.85	
110-54-3	Hexane	86.17	2.5		0.70	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.58	
75-09-2	Methylene Chloride	84.93	2.3		0.69	
179601-23-1	m-Xylene & p-Xylene	106.17	3.5		0.35	
95-47-6	o-Xylene	106.17	1.2		0.35	
100-42-5	Styrene	104.15	ND		0.34	
75-65-0	t-Butyl alcohol	74.12	ND		0.97	
127-18-4	Tetrachloroethene	165.83	3.9		0.54	
108-88-3	Toluene	92.14	4.6		0.45	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.32	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.36	
79-01-6	Trichloroethene	131.39	0.32		0.21	
75-69-4	Trichlorofluoromethane	137.37	1.5		0.45	
75-01-4	Vinyl chloride	62.50	ND		0.20	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		60-140

AW 2/25/15

7DL

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B04-IA2-20141215 DL Lab Sample ID: 140-2499-7 DL

Matrix: Air Lab File ID: EL30P202DL.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:18

Sample wt/vol: 100(mL) Date Analyzed: 12/31/2014 02:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2136 Units: ppb v/v

use original results

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
64-17-5	Ethanol	46.07	140		4.0	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	88		60-140

2/25/15

7DL

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B04-IA2-20141215 DL Lab Sample ID: 140-2499-7 DL

Matrix: Air Lab File ID: EL30P202DL.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 10:18

Sample wt/vol: 100(mL) Date Analyzed: 12/31/2014 02:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2136 Units: ug/m3

use original results

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
64-17-5	Ethanol	46.07	270		7.5	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	88		60-140

MU 2/2515

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B04-SV2-20141216 Lab Sample ID: 140-2499-8

Matrix: Air Lab File ID: EL29P111.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 15:30

Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 23:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.080	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.080	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.080	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.080	
75-34-3	1,1-Dichloroethane	98.96	ND		0.080	
75-35-4	1,1-Dichloroethene	96.94	~~ND~~	I UJ	0.080	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.080	
95-63-6	1,2,4-Trimethylbenzene	120.20	2.1		0.080	
106-93-4	1,2-Dibromoethane	187.87	ND		0.080	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.080	
107-06-2	1,2-Dichloroethane	98.96	ND		0.080	
78-87-5	1,2-Dichloropropane	112.99	ND		0.080	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.080	
108-67-8	1,3,5-Trimethylbenzene	120.20	0.45		0.080	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.080	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.080	
123-91-1	1,4-Dioxane	88.11	ND		0.20	
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.20	
78-93-3	2-Butanone	72.11	ND		0.32	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		0.20	
71-43-2	Benzene	78.11	0.12		0.080	
100-44-7	Benzyl chloride	126.58	ND		0.16	
75-27-4	Bromodichloromethane	163.83	ND		0.080	
75-25-2	Bromoform	252.75	ND		0.080	
74-83-9	Bromomethane	94.94	ND		0.080	
56-23-5	Carbon tetrachloride	153.81	0.045		0.040	
108-90-7	Chlorobenzene	112.56	ND		0.080	
75-00-3	Chloroethane	64.52	ND		0.080	
67-66-3	Chloroform	119.38	0.18		0.080	
74-87-3	Chloromethane	50.49	ND		0.20	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.080	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.080	
110-82-7	Cyclohexane	84.16	ND		0.20	

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1
SDG No.:
Client Sample ID: B04-SV2-20141216 Lab Sample ID: 140-2499-8
Matrix: Air Lab File ID: EL29P111.D
Analysis Method: TO 15 LL Date Collected: 12/16/2014 15:30
Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 23:37
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.080	
75-71-8	Dichlorodifluoromethane	120.91	0.43		0.080	
64-17-5	Ethanol	46.07	7.0		0.80	
100-41-4	Ethylbenzene	106.17	0.47		0.080	
87-68-3	Hexachlorobutadiene	260.76	ND		0.080	
110-54-3	Hexane	86.17	ND		0.20	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.16	
75-09-2	Methylene Chloride	84.93	0.32		0.20	
179601-23-1	m-Xylene & p-Xylene	106.17	2.0		0.080	
95-47-6	o-Xylene	106.17	0.95		0.080	
100-42-5	Styrene	104.15	ND		0.080	
75-65-0	t-Butyl alcohol	74.12	ND		0.32	
127-18-4	Tetrachloroethene	165.83	16		0.080	
108-88-3	Toluene	92.14	1.1		0.12	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.080	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.080	
79-01-6	Trichloroethene	131.39	0.69		0.040	
75-69-4	Trichlorofluoromethane	137.37	0.21		0.080	
75-01-4	Vinyl chloride	62.50	ND		0.080	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		60-140

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B04-SV2-20141216 Lab Sample ID: 140-2499-8

Matrix: Air Lab File ID: EL29P111.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 15:30

Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 23:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.44	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.55	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.44	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.61	
75-34-3	1,1-Dichloroethane	98.96	ND		0.32	
75-35-4	1,1-Dichloroethene	96.94	~~ND~~	J UJ	0.32	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.59	
95-63-6	1,2,4-Trimethylbenzene	120.20	10		0.39	
106-93-4	1,2-Dibromoethane	187.87	ND		0.61	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.48	
107-06-2	1,2-Dichloroethane	98.96	ND		0.32	
78-87-5	1,2-Dichloropropane	112.99	ND		0.37	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.56	
108-67-8	1,3,5-Trimethylbenzene	120.20	2.2		0.39	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.48	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.48	
123-91-1	1,4-Dioxane	88.11	ND		0.72	
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.93	
78-93-3	2-Butanone	72.11	ND		0.94	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		0.82	
71-43-2	Benzene	78.11	0.38		0.26	
100-44-7	Benzyl chloride	126.58	ND		0.83	
75-27-4	Bromodichloromethane	163.83	ND		0.54	
75-25-2	Bromoform	252.75	ND		0.83	
74-83-9	Bromomethane	94.94	ND		0.31	
56-23-5	Carbon tetrachloride	153.81	0.29		0.25	
108-90-7	Chlorobenzene	112.56	ND		0.37	
75-00-3	Chloroethane	64.52	ND		0.21	
67-66-3	Chloroform	119.38	0.89		0.39	
74-87-3	Chloromethane	50.49	ND		0.41	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.32	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.36	
110-82-7	Cyclohexane	84.16	ND		0.69	

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B04-SV2-20141216 Lab Sample ID: 140-2499-8

Matrix: Air Lab File ID: EL29P111.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 15:30

Sample wt/vol: 500(mL) Date Analyzed: 12/29/2014 23:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.68	
75-71-8	Dichlorodifluoromethane	120.91	2.1		0.40	
64-17-5	Ethanol	46.07	13		1.5	
100-41-4	Ethylbenzene	106.17	2.0		0.35	
87-68-3	Hexachlorobutadiene	260.76	ND		0.85	
110-54-3	Hexane	86.17	ND		0.70	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.58	
75-09-2	Methylene Chloride	84.93	1.1		0.69	
179601-23-1	m-Xylene & p-Xylene	106.17	8.8		0.35	
95-47-6	o-Xylene	106.17	4.1		0.35	
100-42-5	Styrene	104.15	ND		0.34	
75-65-0	t-Butyl alcohol	74.12	ND		0.97	
127-18-4	Tetrachloroethene	165.83	110		0.54	
108-88-3	Toluene	92.14	4.0		0.45	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.32	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.36	
79-01-6	Trichloroethene	131.39	3.7		0.21	
75-69-4	Trichlorofluoromethane	137.37	1.2		0.45	
75-01-4	Vinyl chloride	62.50	ND		0.20	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		60-140

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B04-SV1-20141216 Lab Sample ID: 140-2499-9

Matrix: Air Lab File ID: EL29P212.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 15:35

Sample wt/vol: 500(mL) Date Analyzed: 12/30/2014 00:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.080	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.080	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.080	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.080	
75-34-3	1,1-Dichloroethane	98.96	ND		0.080	
75-35-4	1,1-Dichloroethene	96.94	~~ND~~	f UJ	0.080	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.080	
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.080	
106-93-4	1,2-Dibromoethane	187.87	ND		0.080	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.080	
107-06-2	1,2-Dichloroethane	98.96	ND		0.080	
78-87-5	1,2-Dichloropropane	112.99	ND		0.080	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.080	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.080	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.080	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.080	
123-91-1	1,4-Dioxane	88.11	ND		0.20	
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.20	
78-93-3	2-Butanone	72.11	ND		0.32	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	0.72		0.20	
71-43-2	Benzene	78.11	ND		0.080	
100-44-7	Benzyl chloride	126.58	ND		0.16	
75-27-4	Bromodichloromethane	163.83	ND		0.080	
75-25-2	Bromoform	252.75	ND		0.080	
74-83-9	Bromomethane	94.94	ND		0.080	
56-23-5	Carbon tetrachloride	153.81	0.045		0.040	
108-90-7	Chlorobenzene	112.56	ND		0.080	
75-00-3	Chloroethane	64.52	ND		0.080	
67-66-3	Chloroform	119.38	0.12		0.080	
74-87-3	Chloromethane	50.49	ND		0.20	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.080	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.080	
110-82-7	Cyclohexane	84.16	ND		0.20	

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B04-SV1-20141216 Lab Sample ID: 140-2499-9

Matrix: Air Lab File ID: EL29P212.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 15:35

Sample wt/vol: 500(mL) Date Analyzed: 12/30/2014 00:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.080	
75-71-8	Dichlorodifluoromethane	120.91	0.45		0.080	
64-17-5	Ethanol	46.07	ND		0.80	
100-41-4	Ethylbenzene	106.17	ND		0.080	
87-68-3	Hexachlorobutadiene	260.76	ND		0.080	
110-54-3	Hexane	86.17	ND		0.20	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.16	
75-09-2	Methylene Chloride	84.93	0.20		0.20	
179601-23-1	m-Xylene & p-Xylene	106.17	0.15		0.080	
95-47-6	o-Xylene	106.17	ND		0.080	
100-42-5	Styrene	104.15	ND		0.080	
75-65-0	t-Butyl alcohol	74.12	ND		0.32	
127-18-4	Tetrachloroethene	165.83	0.40		0.080	
108-88-3	Toluene	92.14	0.15		0.12	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.080	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.080	
79-01-6	Trichloroethene	131.39	ND		0.040	
75-69-4	Trichlorofluoromethane	137.37	0.23		0.080	
75-01-4	Vinyl chloride	62.50	ND		0.080	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	90		60-140

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B04-SV1-20141216 Lab Sample ID: 140-2499-9

Matrix: Air Lab File ID: EL29P212.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 15:35

Sample wt/vol: 500(mL) Date Analyzed: 12/30/2014 00:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.44	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.55	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.44	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.61	
75-34-3	1,1-Dichloroethane	98.96	ND		0.32	
75-35-4	1,1-Dichloroethene	96.94	~~ND~~	UJ	0.32	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.59	
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.39	
106-93-4	1,2-Dibromoethane	187.87	ND		0.61	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.48	
107-06-2	1,2-Dichloroethane	98.96	ND		0.32	
78-87-5	1,2-Dichloropropane	112.99	ND		0.37	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.56	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.39	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.48	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.48	
123-91-1	1,4-Dioxane	88.11	ND		0.72	
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.93	
78-93-3	2-Butanone	72.11	ND		0.94	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	3.0		0.82	
71-43-2	Benzene	78.11	ND		0.26	
100-44-7	Benzyl chloride	126.58	ND		0.83	
75-27-4	Bromodichloromethane	163.83	ND		0.54	
75-25-2	Bromoform	252.75	ND		0.83	
74-83-9	Bromomethane	94.94	ND		0.31	
56-23-5	Carbon tetrachloride	153.81	0.29		0.25	
108-90-7	Chlorobenzene	112.56	ND		0.37	
75-00-3	Chloroethane	64.52	ND		0.21	
67-66-3	Chloroform	119.38	0.61		0.39	
74-87-3	Chloromethane	50.49	ND		0.41	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.32	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.36	
110-82-7	Cyclohexane	84.16	ND		0.69	

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B04-SV1-20141216 Lab Sample ID: 140-2499-9

Matrix: Air Lab File ID: EL29P212.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 15:35

Sample wt/vol: 500(mL) Date Analyzed: 12/30/2014 00:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.68	
75-71-8	Dichlorodifluoromethane	120.91	2.2		0.40	
64-17-5	Ethanol	46.07	ND		1.5	
100-41-4	Ethylbenzene	106.17	ND		0.35	
87-68-3	Hexachlorobutadiene	260.76	ND		0.85	
110-54-3	Hexane	86.17	ND		0.70	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.58	
75-09-2	Methylene Chloride	84.93	0.69		0.69	
179601-23-1	m-Xylene & p-Xylene	106.17	0.65		0.35	
95-47-6	o-Xylene	106.17	ND		0.35	
100-42-5	Styrene	104.15	ND		0.34	
75-65-0	t-Butyl alcohol	74.12	ND		0.97	
127-18-4	Tetrachloroethene	165.83	2.7		0.54	
108-88-3	Toluene	92.14	0.56		0.45	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.32	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.36	
79-01-6	Trichloroethene	131.39	ND		0.21	
75-69-4	Trichlorofluoromethane	137.37	1.3		0.45	
75-01-4	Vinyl chloride	62.50	ND		0.20	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	90		60-140

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B01-SS2-20141216 Lab Sample ID: 140-2499-10

Matrix: Air Lab File ID: EL29P113.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 17:36

Sample wt/vol: 895(mL) Date Analyzed: 12/30/2014 01:21

Soil Aliquot Vol: Dilution Factor: 1.79

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.080	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.080	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.080	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.080	
75-34-3	1,1-Dichloroethane	98.96	ND		0.080	
75-35-4	1,1-Dichloroethene	96.94	ND	J UJ	0.080	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.080	
95-63-6	1,2,4-Trimethylbenzene	120.20	5.5		0.080	
106-93-4	1,2-Dibromoethane	187.87	ND		0.080	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.080	
107-06-2	1,2-Dichloroethane	98.96	ND		0.080	
78-87-5	1,2-Dichloropropane	112.99	ND		0.080	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.080	
108-67-8	1,3,5-Trimethylbenzene	120.20	2.7		0.080	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.080	
106-46-7	1,4-Dichlorobenzene	147.00	0.14		0.080	
123-91-1	1,4-Dioxane	88.11	ND		0.20	
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.20	
78-93-3	2-Butanone	72.11	1.6		0.32	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		0.20	
71-43-2	Benzene	78.11	0.14		0.080	
100-44-7	Benzyl chloride	126.58	ND		0.16	
75-27-4	Bromodichloromethane	163.83	ND		0.080	
75-25-2	Bromoform	252.75	ND		0.080	
74-83-9	Bromomethane	94.94	ND		0.080	
56-23-5	Carbon tetrachloride	153.81	ND		0.040	
108-90-7	Chlorobenzene	112.56	ND		0.080	
75-00-3	Chloroethane	64.52	0.12		0.080	
67-66-3	Chloroform	119.38	ND		0.080	
74-87-3	Chloromethane	50.49	0.20		0.20	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.080	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.080	
110-82-7	Cyclohexane	84.16	ND		0.20	

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville | Job No.: 140-2499-1
SDG No.:
Client Sample ID: B01-SS2-20141216 | Lab Sample ID: 140-2499-10
Matrix: Air | Lab File ID: EL29P113.D
Analysis Method: TO 15 LL | Date Collected: 12/16/2014 17:36
Sample wt/vol: 895(mL) | Date Analyzed: 12/30/2014 01:21
Soil Aliquot Vol: | Dilution Factor: 1.79
Soil Extract Vol.: | GC Column: RTX-5 ID: 0.32(mm)
% Moisture: | Level: (low/med) Low
Analysis Batch No.: 2134 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.080	
75-71-8	Dichlorodifluoromethane	120.91	0.58		0.080	
64-17-5	Ethanol	46.07	3.7		0.80	
100-41-4	Ethylbenzene	106.17	0.12		0.080	
87-68-3	Hexachlorobutadiene	260.76	ND		0.080	
110-54-3	Hexane	86.17	6.2		0.20	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.16	
75-09-2	Methylene Chloride	84.93	0.63		0.20	
179601-23-1	m-Xylene & p-Xylene	106.17	0.48		0.080	
95-47-6	o-Xylene	106.17	0.46		0.080	
100-42-5	Styrene	104.15	ND		0.080	
75-65-0	t-Butyl alcohol	74.12	ND		0.32	
127-18-4	Tetrachloroethene	165.83	4.7		0.080	
108-88-3	Toluene	92.14	0.82		0.12	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.080	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.080	
79-01-6	Trichloroethene	131.39	ND		0.040	
75-69-4	Trichlorofluoromethane	137.37	0.53		0.080	
75-01-4	Vinyl chloride	62.50	ND		0.080	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	112		60-140

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B01-SS2-20141216 Lab Sample ID: 140-2499-10

Matrix: Air Lab File ID: EL29P113.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 17:36

Sample wt/vol: 895(mL) Date Analyzed: 12/30/2014 01:21

Soil Aliquot Vol: Dilution Factor: 1.79

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.44	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.55	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.44	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.61	
75-34-3	1,1-Dichloroethane	98.96	ND		0.32	
75-35-4	1,1-Dichloroethene	96.94	ND	* UJ	0.32	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.59	
95-63-6	1,2,4-Trimethylbenzene	120.20	27		0.39	
106-93-4	1,2-Dibromoethane	187.87	ND		0.61	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.48	
107-06-2	1,2-Dichloroethane	98.96	ND		0.32	
78-87-5	1,2-Dichloropropane	112.99	ND		0.37	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.56	
108-67-8	1,3,5-Trimethylbenzene	120.20	13		0.39	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.48	
106-46-7	1,4-Dichlorobenzene	147.00	0.82		0.48	
123-91-1	1,4-Dioxane	88.11	ND		0.72	
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.93	
78-93-3	2-Butanone	72.11	4.7		0.94	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		0.82	
71-43-2	Benzene	78.11	0.45		0.26	
100-44-7	Benzyl chloride	126.58	ND		0.83	
75-27-4	Bromodichloromethane	163.83	ND		0.54	
75-25-2	Bromoform	252.75	ND		0.83	
74-83-9	Bromomethane	94.94	ND		0.31	
56-23-5	Carbon tetrachloride	153.81	ND		0.25	
108-90-7	Chlorobenzene	112.56	ND		0.37	
75-00-3	Chloroethane	64.52	0.32		0.21	
67-66-3	Chloroform	119.38	ND		0.39	
74-87-3	Chloromethane	50.49	0.41		0.41	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.32	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.36	
110-82-7	Cyclohexane	84.16	ND		0.69	

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B01-SS2-20141216 Lab Sample ID: 140-2499-10

Matrix: Air Lab File ID: EL29P113.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 17:36

Sample wt/vol: 895(mL) Date Analyzed: 12/30/2014 01:21

Soil Aliquot Vol: Dilution Factor: 1.79

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.68	
75-71-8	Dichlorodifluoromethane	120.91	2.9		0.40	
64-17-5	Ethanol	46.07	6.9		1.5	
100-41-4	Ethylbenzene	106.17	0.54		0.35	
87-68-3	Hexachlorobutadiene	260.76	ND		0.85	
110-54-3	Hexane	86.17	22		0.70	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.58	
75-09-2	Methylene Chloride	84.93	2.2		0.69	
179601-23-1	m-Xylene & p-Xylene	106.17	2.1		0.35	
95-47-6	o-Xylene	106.17	2.0		0.35	
100-42-5	Styrene	104.15	ND		0.34	
75-65-0	t-Butyl alcohol	74.12	ND		0.97	
127-18-4	Tetrachloroethene	165.83	32		0.54	
108-88-3	Toluene	92.14	3.1		0.45	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.32	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.36	
79-01-6	Trichloroethene	131.39	ND		0.21	
75-69-4	Trichlorofluoromethane	137.37	3.0		0.45	
75-01-4	Vinyl chloride	62.50	ND		0.20	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	112		60-140

NW 2125115

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B01-IA2-20141216 Lab Sample ID: 140-2499-11

Matrix: Air Lab File ID: EL29P114.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 17:35

Sample wt/vol: 500(mL) Date Analyzed: 12/30/2014 02:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.080	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.080	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.080	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.084		0.080	
75-34-3	1,1-Dichloroethane	98.96	ND		0.080	
75-35-4	1,1-Dichloroethene	96.94	~~ND~~	f UJ	0.080	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.080	
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13		0.080	
106-93-4	1,2-Dibromoethane	187.87	ND		0.080	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.080	
107-06-2	1,2-Dichloroethane	98.96	ND		0.080	
78-87-5	1,2-Dichloropropane	112.99	ND		0.080	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.080	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.080	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.080	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.080	
123-91-1	1,4-Dioxane	88.11	ND		0.20	
540-84-1	2,2,4-Trimethylpentane	114.23	0.55		0.20	
78-93-3	2-Butanone	72.11	0.52		0.32	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	0.20		0.20	
71-43-2	Benzene	78.11	0.78		0.080	
100-44-7	Benzyl chloride	126.58	ND		0.16	
75-27-4	Bromodichloromethane	163.83	ND		0.080	
75-25-2	Bromoform	252.75	ND		0.080	
74-83-9	Bromomethane	94.94	ND		0.080	
56-23-5	Carbon tetrachloride	153.81	0.10		0.040	
108-90-7	Chlorobenzene	112.56	ND		0.080	
75-00-3	Chloroethane	64.52	ND		0.080	
67-66-3	Chloroform	119.38	ND		0.080	
74-87-3	Chloromethane	50.49	0.53		0.20	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.080	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.080	
110-82-7	Cyclohexane	84.16	0.37		0.20	

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1
SDG No.:
Client Sample ID: B01-IA2-20141216 Lab Sample ID: 140-2499-11
Matrix: Air Lab File ID: EL29P114.D
Analysis Method: TO 15 LL Date Collected: 12/16/2014 17:35
Sample wt/vol: 500(mL) Date Analyzed: 12/30/2014 02:12
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.080	
75-71-8	Dichlorodifluoromethane	120.91	0.59		0.080	
64-17-5	Ethanol	46.07	14		0.80	
100-41-4	Ethylbenzene	106.17	0.18		0.080	
87-68-3	Hexachlorobutadiene	260.76	ND		0.080	
110-54-3	Hexane	86.17	0.76		0.20	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.16	
75-09-2	Methylene Chloride	84.93	0.54		0.20	
179601-23-1	m-Xylene & p-Xylene	106.17	0.63		0.080	
95-47-6	o-Xylene	106.17	0.23		0.080	
100-42-5	Styrene	104.15	ND		0.080	
75-65-0	t-Butyl alcohol	74.12	ND		0.32	
127-18-4	Tetrachloroethene	165.83	0.20		0.080	
108-88-3	Toluene	92.14	1.5		0.12	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.080	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.080	
79-01-6	Trichloroethene	131.39	0.10		0.040	
75-69-4	Trichlorofluoromethane	137.37	0.59		0.080	
75-01-4	Vinyl chloride	62.50	ND		0.080	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		60-140

NJ 4/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B01-IA2-20141216 Lab Sample ID: 140-2499-11

Matrix: Air Lab File ID: EL29P114.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 17:35

Sample wt/vol: 500(mL) Date Analyzed: 12/30/2014 02:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.44	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.55	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.44	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.64		0.61	
75-34-3	1,1-Dichloroethane	98.96	ND		0.32	
75-35-4	1,1-Dichloroethene	96.94	ND	UJ	0.32	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.59	
95-63-6	1,2,4-Trimethylbenzene	120.20	0.66		0.39	
106-93-4	1,2-Dibromoethane	187.87	ND		0.61	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.48	
107-06-2	1,2-Dichloroethane	98.96	ND		0.32	
78-87-5	1,2-Dichloropropane	112.99	ND		0.37	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.56	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.39	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.48	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.48	
123-91-1	1,4-Dioxane	88.11	ND		0.72	
540-84-1	2,2,4-Trimethylpentane	114.23	2.6		0.93	
78-93-3	2-Butanone	72.11	1.5		0.94	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	0.82		0.82	
71-43-2	Benzene	78.11	2.5		0.26	
100-44-7	Benzyl chloride	126.58	ND		0.83	
75-27-4	Bromodichloromethane	163.83	ND		0.54	
75-25-2	Bromoform	252.75	ND		0.83	
74-83-9	Bromomethane	94.94	ND		0.31	
56-23-5	Carbon tetrachloride	153.81	0.64		0.25	
108-90-7	Chlorobenzene	112.56	ND		0.37	
75-00-3	Chloroethane	64.52	ND		0.21	
67-66-3	Chloroform	119.38	ND		0.39	
74-87-3	Chloromethane	50.49	1.1		0.41	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.32	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.36	
110-82-7	Cyclohexane	84.16	1.3		0.69	

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B01-IA2-20141216 Lab Sample ID: 140-2499-11

Matrix: Air Lab File ID: EL29P114.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 17:35

Sample wt/vol: 500(mL) Date Analyzed: 12/30/2014 02:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.68	
75-71-8	Dichlorodifluoromethane	120.91	2.9		0.40	
64-17-5	Ethanol	46.07	26		1.5	
100-41-4	Ethylbenzene	106.17	0.80		0.35	
87-68-3	Hexachlorobutadiene	260.76	ND		0.85	
110-54-3	Hexane	86.17	2.7		0.70	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.58	
75-09-2	Methylene Chloride	84.93	1.9		0.69	
179601-23-1	m-Xylene & p-Xylene	106.17	2.8		0.35	
95-47-6	o-Xylene	106.17	0.98		0.35	
100-42-5	Styrene	104.15	ND		0.34	
75-65-0	t-Butyl alcohol	74.12	ND		0.97	
127-18-4	Tetrachloroethene	165.83	1.4		0.54	
108-88-3	Toluene	92.14	5.5		0.45	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.32	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.36	
79-01-6	Trichloroethene	131.39	0.55		0.21	
75-69-4	Trichlorofluoromethane	137.37	3.3		0.45	
75-01-4	Vinyl chloride	62.50	ND		0.20	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		60-140

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1
SDG No.:
Client Sample ID: B01-SS1-20141216 Lab Sample ID: 140-2499-12
Matrix: Air Lab File ID: EL29P115.D
Analysis Method: TO 15 LL Date Collected: 12/16/2014 17:20
Sample wt/vol: 500(mL) Date Analyzed: 12/30/2014 03:03
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.080	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.080	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.080	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.080	
75-34-3	1,1-Dichloroethane	98.96	ND		0.080	
75-35-4	1,1-Dichloroethene	96.94	ND	UJ	0.080	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.080	
95-63-6	1,2,4-Trimethylbenzene	120.20	2.3		0.080	
106-93-4	1,2-Dibromoethane	187.87	ND		0.080	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.080	
107-06-2	1,2-Dichloroethane	98.96	ND		0.080	
78-87-5	1,2-Dichloropropane	112.99	ND		0.080	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.080	
108-67-8	1,3,5-Trimethylbenzene	120.20	0.94		0.080	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.080	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.080	
123-91-1	1,4-Dioxane	88.11	ND		0.20	
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.20	
78-93-3	2-Butanone	72.11	0.46		0.32	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	4.4		0.20	
71-43-2	Benzene	78.11	0.13		0.080	
100-44-7	Benzyl chloride	126.58	ND		0.16	
75-27-4	Bromodichloromethane	163.83	ND		0.080	
75-25-2	Bromoform	252.75	ND		0.080	
74-83-9	Bromomethane	94.94	ND		0.080	
56-23-5	Carbon tetrachloride	153.81	0.050		0.040	
108-90-7	Chlorobenzene	112.56	ND		0.080	
75-00-3	Chloroethane	64.52	ND		0.080	
67-66-3	Chloroform	119.38	ND		0.080	
74-87-3	Chloromethane	50.49	ND		0.20	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.080	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.080	
110-82-7	Cyclohexane	84.16	ND		0.20	

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B01-SS1-20141216 Lab Sample ID: 140-2499-12

Matrix: Air Lab File ID: EL29P115.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 17:20

Sample wt/vol: 500(mL) Date Analyzed: 12/30/2014 03:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.080	
75-71-8	Dichlorodifluoromethane	120.91	0.49		0.080	
64-17-5	Ethanol	46.07	2.8		0.80	
100-41-4	Ethylbenzene	106.17	0.25		0.080	
87-68-3	Hexachlorobutadiene	260.76	ND		0.080	
110-54-3	Hexane	86.17	2.1		0.20	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.16	
75-09-2	Methylene Chloride	84.93	0.27		0.20	
179601-23-1	m-Xylene & p-Xylene	106.17	1.0		0.080	
95-47-6	o-Xylene	106.17	0.49		0.080	
100-42-5	Styrene	104.15	ND		0.080	
75-65-0	t-Butyl alcohol	74.12	ND		0.32	
127-18-4	*Tetrachloroethene*	*165.83*	30 ~~36~~ E		~~0.080~~	0.40
108-88-3	Toluene	92.14	0.99		0.12	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.080	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.080	
79-01-6	Trichloroethene	131.39	0.059		0.040	
75-69-4	Trichlorofluoromethane	137.37	0.30		0.080	
75-01-4	Vinyl chloride	62.50	ND		0.080	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	115		60-140

NW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B01-SS1-20141216 Lab Sample ID: 140-2499-12

Matrix: Air Lab File ID: EL29P115.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 17:20

Sample wt/vol: 500(mL) Date Analyzed: 12/30/2014 03:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.44	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.55	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.44	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.61	
75-34-3	1,1-Dichloroethane	98.96	ND		0.32	
75-35-4	1,1-Dichloroethene	96.94	ND	UJ	0.32	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.59	
95-63-6	1,2,4-Trimethylbenzene	120.20	11		0.39	
106-93-4	1,2-Dibromoethane	187.87	ND		0.61	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.48	
107-06-2	1,2-Dichloroethane	98.96	ND		0.32	
78-87-5	1,2-Dichloropropane	112.99	ND		0.37	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.56	
108-67-8	1,3,5-Trimethylbenzene	120.20	4.6		0.39	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.48	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.48	
123-91-1	1,4-Dioxane	88.11	ND		0.72	
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.93	
78-93-3	2-Butanone	72.11	1.3		0.94	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	18		0.82	
71-43-2	Benzene	78.11	0.43		0.26	
100-44-7	Benzyl chloride	126.58	ND		0.83	
75-27-4	Bromodichloromethane	163.83	ND		0.54	
75-25-2	Bromoform	252.75	ND		0.83	
74-83-9	Bromomethane	94.94	ND		0.31	
56-23-5	Carbon tetrachloride	153.81	0.31		0.25	
108-90-7	Chlorobenzene	112.56	ND		0.37	
75-00-3	Chloroethane	64.52	ND		0.21	
67-66-3	Chloroform	119.38	ND		0.39	
74-87-3	Chloromethane	50.49	ND		0.41	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.32	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.36	
110-82-7	Cyclohexane	84.16	ND		0.69	

MW 2/25/15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1
SDG No.:
Client Sample ID: B01-SS1-20141216 Lab Sample ID: 140-2499-12
Matrix: Air Lab File ID: EL29P115.D
Analysis Method: TO 15 LL Date Collected: 12/16/2014 17:20
Sample wt/vol: 500(mL) Date Analyzed: 12/30/2014 03:03
Soil Aliquot Vol: Dilution Factor: 1
Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 2134 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.29	ND		0.68	
75-71-8	Dichlorodifluoromethane	120.91	2.4		0.40	
64-17-5	Ethanol	46.07	5.3		1.5	
100-41-4	Ethylbenzene	106.17	1.1		0.35	
87-68-3	Hexachlorobutadiene	260.76	ND		0.85	
110-54-3	Hexane	86.17	7.3		0.70	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.58	
75-09-2	Methylene Chloride	84.93	0.92		0.69	
179601-23-1	m-Xylene & p-Xylene	106.17	4.5		0.35	
95-47-6	o-Xylene	106.17	2.1		0.35	
100-42-5	Styrene	104.15	ND		0.34	
75-65-0	t-Butyl alcohol	74.12	ND		0.97	
127-18-4	*Tetrachloroethene*	*165.83*	200 ~~250 E~~		~~0.54~~	2.7
108-88-3	Toluene	92.14	3.7		0.45	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.32	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.36	
79-01-6	Trichloroethene	131.39	0.32		0.21	
75-69-4	Trichlorofluoromethane	137.37	1.7		0.45	
75-01-4	Vinyl chloride	62.50	ND		0.20	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	115		60-140

MW 2/25/15

12DL

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-2499-1

SDG No.:

Client Sample ID: B01-SS1-20141216 DL Lab Sample ID: 140-2499-12 DL

Matrix: Air Lab File ID: EL29P115DL.D

Analysis Method: TO 15 LL Date Collected: 12/16/2014 17:20

Sample wt/vol: 100(mL) Date Analyzed: 12/30/2014 07:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-5 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 2134 Units: ppb v/v

Use original results

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
127-18-4	Tetrachloroethene	165.83	30		0.40	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		60-140

MJ 2/25/15

12DL

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville | Job No.: 140-2499-1

SDG No.:

Client Sample ID: B01-SS1-20141216 DL | Lab Sample ID: 140-2499-12 DL

Matrix: Air | Lab File ID: EL29P115DL.D

Analysis Method: TO 15 LL | Date Collected: 12/16/2014 17:20

Sample wt/vol: 100(mL) | Date Analyzed: 12/30/2014 07:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-5 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 2134 | Units: ug/m3

use original results

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
127-18-4	Tetrachloroethene	165.83	200		2.7	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		60-140

1/22/15