Sterling Environmental Engineering, P.C.

PERIODIC REVIEW REPORT
(February 20, 2015 to August 30, 2018)
New Paltz Plaza VCP Site

Town of New Paltz
Ulster Co., New York
VCP Site #V00087

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TABLE OF CONTENTS

LIST OF TABLES, FIGURES, AND APPENDICES

TABLES:

FIGURES:

APPENDICES:

1.0 INTRODUCTION

Sterling Environmental Engineering, P.C. (STERLING) has prepared this Periodic Review Report (PRR) on behalf of New Paltz Plaza Properties, LP and New Paltz Plaza Inc. (collectively "Volunteer") for the Voluntary Cleanup Program (VCP) Site No. V00087 ("the Site"). The subject of this PRR is the New Paltz Plaza located on Route 299 in New Paltz, Ulster County, New York, which includes the former Revonak Dry Cleaners. The location of the site is shown in Figure 1. The Site has been investigated and remediated under the New York State Department of Environmental Conservation's (NYSDEC) VCP. Under the VCP, the Volunteer, as an Innocent Owner, elected to address groundwater and soil contamination beyond the boundary of the former Revonak Dry Cleaners, inactive hazardous waste disposal Site No. 356021 (former Revonak Dry Cleaners). Thus, the VCP Site is a portion of the New Paltz Plaza Shopping Center property including the former Revonak Dry Cleaners.

The former Revonak Dry Cleaners is the source of the contamination associated with the Site. New Paltz Plaza Associates ("Prior Owner") entered into Consent Order No. W3-0667-93-11, Site No. 356021, with the NYSDEC on February 24, 1995, which required the Prior Owner to conduct a remedial investigation (RI) and any necessary remedial actions. The Prior Owner initiated the RI, but did not conduct any interim remedial measures (IRMs), before transferring ownership to the Volunteer. The Volunteer entered into a Voluntary Cleanup Agreement (VCA) for investigation (No. W3-0782-96-12, Site No. V00087) and completed the RI. The Volunteer entered into a second VCA (No. W3-0782-97-10, Site No. V00087) on December 17, 1997 to conduct IRMs and to remediate the Site. The work was performed with the approval and oversight of the NYSDEC.

A revised Site Management Plan (SMP), dated October 16, 2014, specifies the required ongoing remedial activities. This PRR presents the results of monitoring activities outlined in the revised SMP. The NYSDEC issued a release to New Paltz Plaza, Inc. and New Paltz Plaza Properties, L.P. on May 30, 2012 indicating that "no further investigation or response will be required at the Site respecting existing contamination to render the Site safe to be used for the contemplated use". The release letter is provided in Appendix A.

1.1 Summary of Site Remediation and Documents

Site remedial activities consisted of soil and groundwater removal in 1997 and 1998; injections of hydrogen releasing compounds (HRC) in 2003 and 2006; installation and operation of a sub-slab depressurization system (SSDS) beneath the former Stop & Shop (now Tops Market) building beginning December 2006, and installation and operation of a SSDS consisting of eight (8) subsystems beneath the eastern portion of the Plaza in 2005; and planting hybrid poplar trees in 2007 for the purpose of phytoremediation. Groundwater monitoring has been performed to assess the effectiveness of the implemented remedies. Operation of the SSDS beneath the former Stop & Shop was discontinued on or about March 22, 2018 with the approval of the NYSDEC and NYSDOH, as described more fully in Section 4.2 of this report. The details of these remedial actions were presented in the April 25, 2008 Final Engineering Report. A SMP, dated July 6, 2011, was submitted to the NYSDEC and approved on November 29, 2011. A revised SMP, dated October 16, 2014, specifies the required ongoing remedial activities. The purpose of the SMP is to establish the environmental monitoring that is to be performed until NYSDEC agrees that some or all monitoring activities may be discontinued. Previous PRRs dated April 2013 (revised October 2013) and March 11, 2015 were previously submitted to the NYSDEC to document site environmental conditions and on-going monitoring.

1.2 Extent of Impacted Area

Groundwater quality investigations and analytical data document that the area of impact is local and that groundwater quality is stable or improving within the area of concern. Concentrations of total volatile organic compounds (VOCs) in well MW-2, where the highest concentrations have historically been measured, and remain substantially below historical levels. Concentrations of total VOCs in downgradient monitoring wells MW-9, MW-10 MW-11, and BR-2 decreased between the April 2013 and December 2014 monitoring events.

1.3 Effectiveness and Compliance

The remedial activities completed at the Site appear to have been effective, based on the results of groundwater monitoring. The elements of the SMP are operation of the SSDSs and groundwater monitoring. The SSDS beneath the eastern portion of the Plaza was inspected and groundwater samples were collected from the site monitoring wells as described in Sections 4.2 and 5.0, respectively. The monitoring and inspections performed in accordance with the SMP indicate that the remedial measures implemented and engineering controls continue to be effective and in compliance with the SMP.

1.4 Recommendations

No changes to the elements of the SMP or to the frequency for submitting this Periodic Review Report are recommended at this time with the exception that inspection and monitoring of the portion of the SSDS beneath the former Stop & Shop (now Tops Market) is no longer required because operation of the system is no longer required. All other inspections and monitoring will continue according to the requirements of the SMP.

2.0 SITE OVERVIEW

New Paltz Plaza is located approximately 0.3 mile west of the New York State Thruway on NYS Route 299 (Main Street) in New Paltz, Ulster County, New York (Figure 1). The New Paltz Plaza is in an area of commercial business within the Town of New Paltz. Several commercial establishments are present south of the Plaza. A medical office building and the New York State Thruway are located east of the Plaza. Residential portions of the Village of New Paltz are present to the west, and an apartment complex is located adjacent to the Plaza to the north. The Plaza consists of single story concrete block buildings and adjacent asphalt covered parking areas. Most of the area beyond the site buildings is paved asphalt parking, access roads and delivery areas for the Plaza.

Figure 2 is a map showing the location of the components of the selected remedy for the site, including the SSDS, phytoremediation area, HRC injection area, and area where soil and impacted groundwater removal was performed.

The contaminants of concern at the site is tetrachloroethylene (PCE) associated with the former dry cleaning store and its degradation compounds, as described further in Section 5.0. The nature and extent of the impacted area before completion of remedial activities was similar to the area described in Section 1.2. The concentration of total VOCs in groundwater has decreased as a result of the source removal remedial activities.

2.1 Remedial History

The following list provides a chronological overview of the significant events and work that have occurred at the site since 1991.

- A Site Investigation was conducted from 1991 through 1996 and has included historical review, floor drain investigation, soil gas survey, soil borings and sampling, groundwater sampling, sewer survey, test pit investigation, and geoprobe investigation. A summary of this work, was included in NYSDEC's April 1997 *Fact Sheet, Remedial Response Proposed to Address Contamination at New Paltz Plaza.*

- The NYSDEC-approved a Remedial Plan on October 27, 1997 based on the extensive site investigations. The public comment period for the Remedial Plan was April to May 1997.

- The Remedial Plan was implemented in December 1997 and a Remediation Report was submitted to NYSDEC on June 17, 1998. Remediation included removal and disposal of 223 tons of soil as hazardous waste and 10,000 gallons of contaminated groundwater. The Remediation Report was certified by a New York State Professional Engineer.

- One year of post-remediation groundwater monitoring was conducted from February 1998 through February 1999 in accordance with the NYSDEC-approved Remediation Plan. Quarterly groundwater monitoring reports were submitted to NYSDEC in accordance with the approved Remediation Plan.

- A soil gas investigation was conducted and completed in April 1999 at the request of the NYSDEC and New York State Department of Health (NYSDOH). The results of the investigation indicated no risk to potential offsite, downgradient receptors from vapors generated from contaminated groundwater.

- A Groundwater Monitoring Plan for continued post-remediation groundwater monitoring and a Contingency Plan was implemented and approved by the NYSDEC in 2001. Annual groundwater monitoring and reporting continued in compliance with the NYSDEC - approved Plans.

- The investigative phase of the Contingency Plan was conducted in January 2003 and an additional remedial measure (HRC injection) was performed in November 2003. Groundwater monitoring indicated that the HRC injection substantially reduced the concentration of contaminants in groundwater.

- A SSDS was installed in June 2005 beneath the eastern portion of the Plaza, with the exception of the cinema. Pressure field extension measurements and sub-slab soil vapor samples collected before and after system start-up indicate the system is effective. The NYSDEC and NYSDOH agreed that a SSDS was not necessary beneath the cinema based on the results of a vapor sample collected from beneath that building.

- A conceptual plan for expanded site remediation using HRCs was submitted to the NYSDEC in December 2005, approved in January 2006, and subsequently implemented in September 2006.

- A SSDS was installed beneath the Stop & Shop store during construction of that building in the Spring-Summer 2006.

- Phytoremediation (planting poplar trees for groundwater and contaminant uptake) was performed in the Spring of 2007.

- The NYSDEC issued a Record of Decision (ROD) for this site in March 2010. A ROD is the NYSDEC's definitive record of the remedy selection process for the site and presents the final remedial action plan approved by the NYSDEC, NYSDOH, and the New York State Department of Law.

- The NYSDEC issued a "release letter" to the Volunteer owner on May 30, 2012 indicating that No Further Action is necessary after the ROD for the site is issued. The letter constitutes a release of environmental liability for the owner, its successors an assigns, under the Volunteer Cleanup Program.

- A SMP, dated July 6, 2011, was submitted to the NYSDEC and approved on November 29, 2011. A revised SMP, dated October 16, 2014, is in place for ongoing remedial activities.

- Previous PRRs dated April 2013 (revised October 2013) and March 11, 2015 were submitted to the NYSDEC to document site environmental conditions and on-going monitoring.

- Operation of the SSDS beneath the former Stop & Shop was discontinued on or about March 22, 2018 with the approval of the NYSDEC and NYSDOH, as described more fully in Section 4.2 of this report.

There have been no changes to the selected remedy and there have been no substantive changes in site conditions since the remedy selection and implementation of remedial measures. As described in Section 4.2, a change in the engineering controls includes shutdown of the SSDS beneath the former Stop & Shop (now Tops Market).

3.0 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

This section provides an evaluation of the extent to which the implemented remedy meets the remedial objective to minimize or eliminate exposure pathways or significant risks to the public or the environment under the conditions of the contemplated use of the site (i.e. Restricted Commercial; shopping center). The implemented remedy and engineering controls includes source removal, in-situ remediation (HRC injection), phytoremediation, installation and operation of SSDSs, and groundwater monitoring.

3.1 Performance

The results of analysis of soil samples collected during the source removal action indicate that soil impacted with VOCs and petroleum was excavated and disposed, thereby removing a potential continuing source of groundwater contamination. Injection of HRCs provided a means of continued, long-term degradation of residual VOCs in groundwater. The majority of the VOCs analyzed in groundwater samples meet the applicable groundwater Standards, Criteria and Guidance (SCG), as described in Section 5.0. The area of groundwater that exceeds the SCGs is well defined by 27 years of groundwater quality data. The installation and operation of the SSDS has prevented human exposure to the sub-slab VOC vapors and is expected to have reduced the concentrations over time.

3.2 Effectiveness

The selected remedy (source removal, in-situ remediation (HRC injection), phytoremediation, installation and operation of SSDSs, and groundwater monitoring) is an effective short-term remedial measure. The remedy immediately removed contaminants from the site environment and eliminated the potential for human exposure. Groundwater sampling and analysis monitors the effectiveness of the remedy and impacts from residual contaminants. There are no known risks to workers, the community, or the environment from the selected remedy.

The soil removal action, injection of HRCs, installation of the SSDS, phytoremediation, and groundwater monitoring are effective long-term remedial measures. The soil removal action permanently removed contaminants from the environment. HRC is a long term remedy designed to remain active and degrade chlorinated compounds throughout a period of several years. The long-term effect of the HRC is to eliminate or reduce the concentration of VOCs in the groundwater. Groundwater monitoring is an accepted method of monitoring the long-term effectiveness of remediation. Phytoremediation is a long term, relatively permanent remedy. The processes of phytotransformation, phytostimulation, and the uptake of groundwater will continue to occur as long as the hybrid poplar trees exist.

The SSDSs also are a permanent remedy for as long as it continues to operate. The SSDS is subject to a SMP that specifies continued operation of the system and the criteria under which operation may be discontinued. The continued operation of the SSDS eliminates the only identified potential exposure pathway. There are no significant threats, exposure pathways, or risks to the public or environment from remaining VOCs in the groundwater on this basis.

3.3 Protectiveness

The implemented remedy achieves the remedial action objective to protect human health and the environment. The impacted soil and liquid removed during the source removal action were transported offsite for disposal at a secure hazardous waste disposal facility. This source removal action effectively removed the source of contamination from the environment and eliminated human exposure by removing the impacted material from the site.

The SSDSs create a negative pressure beneath the slab of the eastern portion of the Plaza. The SSDS removes the vapors from beneath the slab and prevents potential intrusion of the vapors into the buildings. The vapors are vented to the atmosphere in an acceptable manner that prevents human exposure to elevated concentrations of VOCs.

Groundwater sampling and analysis is performed to monitor the concentration of residual compounds in groundwater at the site. The results of the sampling and analysis indicate that the area of contamination is localized to the site, and that the residual compounds in the groundwater are not a threat to offsite receptors. The results further indicate that the concentrations of VOCs in groundwater have been substantially reduced compared to historical levels. These conditions indicate it is unlikely that VOCs have migrated, or will migrate offsite. Human exposure is not an issue because there is no pathway for human contact with, or use of, the impacted groundwater under the conditions of the contemplated restricted commercial use of the site.

4.0 IC/EC COMPLIANCE REPORT

4.1 Institutional Control

The institutional control for the site consists of a Declaration of Covenants and Restrictions that includes groundwater use restrictions, land use restrictions, a SMP, and certification reporting. The deed restriction prohibits the use of the property for any means other than the contemplated restricted commercial use of the site. The deed restriction also restricts groundwater use and requires that any impacted soil encountered during future intrusive activities be managed and disposed according to State regulations. Finally, the deed restriction requires compliance with the SMP, including the periodic reporting covered by this report. The deed restriction for the property that outlines these use restrictions was filed in Ulster County (Document No. 2012-00005593).

4.2 Engineering Control

The engineering control at the site consists of a SSDS under the eastern portion of the Plaza which is comprised of eight (8) sub-systems, and a SSDS beneath the former Stop & Shop (now Tops Market) building, as described in Section 1.3. The SSDS beneath the eastern portion of the Plaza was inspected on February 28, April 9 and April 19, 2018. The sub-systems were found to be operating as designed, with the exception of sub-system No. 8. The fan for sub-system No. 8 was not operating at the time of the inspection. The fan was replaced on or about June 11, 2018; however the fan could not be operated because of the electrical outlet was not live. The electrical outlet was repaired and the fan was restarted on July 31, 2018

The NYSDEC and NYSDOH requested via email correspondence on July 24, 2018 that an indoor air sample be collected from the Just-A-Dollar store (System #8) to monitor the condition of air quality within the breathing zone while SSDS sub-system #8 was not operating. The NYSDOH approved the proposed sampling methods and location via email correspondence on July 25, 2018. One (1) indoor air sample (IA-1) was collected on July 30, 2018 using laboratory-supplied and certified 6-Liter capacity Summa® canister over an 8-hour period. The sample was analyzed for VOCs by USEPA Method TO-15. STERLING personnel performed a product inventory at the timing of sampling to document the presence of materials that may affect the quality of the air sample.

A copy of the laboratory analytical report for the results of the indoor air sample and the associated building inventory form are provided in Appendix B. The results of the analysis indicated that PCE and TCE were detected at concentrations of 1.65 and 0.140 ug/m^3, respectively, orders of magnitude below the NYSDOH Air Guide values of 30 and 2.0 ug/m^3, respectively. Numerous non-DOH matrix compounds detected in the air sample, and the detected concentrations, are presented in Table B-1 (Appendix B). Some or all of these compounds are likely related to the open cleansers identified in the building inventory, or to other sources in the store, including such unopened retail items as product packaging; glues, tapes and adhesives; carpeting; plastic containers; Styrofoam; aerosols; air fresheners; and a myriad of other products for sale in the store.

Sub-system No. 8 was restarted on July 31, 2018. An inspection of sub-system No. 8 was performed on August 7, 2018. All gauges and alarms were functioning properly, and all system piping seals and connections were found to be tight. The results of the inspection are provided on the inspection form in Appendix C.

A request was submitted in 2017 to NYSDEC to shutdown the SSDS associated with the Tops Supermarket #532, formally identified as Stop & Shop. A SSDS Termination Workplan was prepared by STERLING on April 27, 2017 for the air sampling of sub-slab vapor, indoor and outdoor air after a 6-8 week shutdown period of the SSDS. In accordance with a June 29, 2017 approval letter from NYSDEC, three (3) sub-slab vapor samples, three (3) indoor one (1) outdoor were collected on September 12, 2017 over an eight-hour period and submitted to Alpha Analytical Laboratory for VOCs by USEPA method TO-15.

Sample results were compared to the decision matrices provided in the May 2017 update to the *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, dated October 2006. No further actions were required according the decision matrices and supporting analytical results. Based on these findings a request to shutdown the SSDS was submitted to the NYSDEC and NYSDOH on November 17, 2017. The SSDS was restarted on September 21, 2017.

The NYSDOH approved shutdown of the SSDS in the Tops Supermarket on March 19, 2018, with the understanding the SSDS piping would remain in place if the system needed to be restarted. The letter from NYSDOH is provided in Appendix X. The SSDS was subsequently shutdown on or about March 22, 2018 by Tops Markets personnel. The process described above, and all related sampling results, are documented in a separate report submitted to NYSDEC and NYSDOH on November 17, 2017.

4.3 Continuing Obligations

A list of continuing obligations of the owner is part of the Declaration of Covenants and Restrictions. The list of continuing obligations includes the following:

- Restrictions on new construction,
- Requirement not to interfere with engineering controls required for the remedy,
- Restriction of property use to commercial or industrial purposes,
- Restrictions on groundwater use,
- Requirement to provide periodic annual certification and the continuation of institutional and engineering controls,
- Maintenance of engineering controls, and
- Obligation to comply with the SMP.

These obligations continue until such time as permission is requested and received from the NYSDEC or relevant agency to discontinue such obligations.

5.0 MONITORING PLAN COMPLIANCE REPORT

The revised SMP includes provisions to collect groundwater samples on an annual basis. According to the revised Plan, water levels are to be measured and groundwater samples are to be collected and analyzed annually from five (5) wells. The NYSDEC approved abandoning eight (8) of the thirteen (13) previously monitored wells that comprised the monitoring well network in its letter dated September 2, 2014. Wells

MW-1, MW-3, MW-4, MW-6, MW-7, MW-12, BR-1 and BR-4 were abandoned in accordance with NYSDEC well decommissioning criteria (CP-43) for in-place abandonment on December 4, 2014. Wells MW-2, MW-9, MW-10, MW-11 and BR-2 remain in place for continued monitoring, until such time as the NYSDEC approves discontinued monitoring of individual wells or all wells, based on analytical results. Samples are analyzed for VOCs by USEPA Method 8260.

The method used for well abandonment consisted of removing the flush mount protective casing or stand pipe, cutting the riser pipe below grade, filling the well with cement-bentonite grout using the tremie method, topping off with a 2 to 3 foot plug at the surface, and restoring the asphalt surface. Wells with a standpipe were filled with grout before removing the standpipe. The grout consisted of a standard mix of one 94-pound bag Type I Portland cement; 3.9 pounds powdered bentonite; and 7.8 gallons potable water.

The groundwater levels measured during the September 5, 2017 sampling event are presented in Table 1. The locations of the monitoring wells comprising the current monitoring network are shown on Figure 3. The groundwater occurs at shallow depths beneath the site and groundwater flow is toward the north-northwest, consistent with historical measurements. Figure 4 shows groundwater contours in the overburden water-bearing zone prepared using the groundwater level measured on September 5, 2017.

The historical groundwater analytical results are tabulated for abandoned wells MW-1, MW-3, MW-4, MW-6, MW-7, MW-12, BR-1, and BR-4 and are presented in Appendix D. Groundwater samples were collected from wells MW-2, MW-9, MW-10, MW-11 and BR-2 on September 5, 2017, consistent with the procedures in the SMP. A summary of the laboratory analytical results for the samples collected on September 5, 2017 from wells MW-2, MW-9, MW-10, MW-11 and BR-2 is provided in Tables 2 through 6, respectively. The laboratory analytical report for the samples collected on September 5, 2017 is presented in Appendix E. Graphs prepared for wells MW-2, MW-9, MW-10, and showing the concentration of PCE and total VOCs in each well, are presented as Figures 5, 6, and 7, respectively. Review of the graphs indicates that the concentration of PCE in the groundwater is relatively stable or decreasing since circa 2003.

The highest concentrations of total VOCs have historically been detected in well MW-2. The concentration of total VOCs detected in well MW-2 in September 2017 is approximately the same as the concentration detected during the previous sampling event in April 2016 and remains substantially below historical concentrations detected in this well. The concentration of the PCE breakdown product, cis-1,2-dichloroethene, was 1,900 ppb and accounts for most of the total VOCs in the September 2017 sample from MW-2. The continued presence of cis-1,2-dichloroethene suggests that degradation of VOCs in groundwater may be continuing. The highest concentration of total VOCs in well MW-2 was 31,750 ppb in March 1996. The current concentration of total VOCs in well MW-2 (2,503.7 ppb) is approximately 95 percent lower than the historical high value. The concentration of total VOCs in the other wells that were sampled was lower, ranging from 51.6 ppb in well MW-10 to 274 ppb in well MW-9.

The relatively stable concentrations of VOCs in the groundwater (Tables 2 through 6 and Appendix D) have defined the area of impact and documented improvements in the groundwater quality over time. The area of contamination is localized to the site, and the residual compounds in the groundwater do not affect offsite receptors.

6.0 OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS

The results of the groundwater monitoring suggest that overall groundwater quality is improving and that concentrations of VOCs are decreasing with time. The data indicate that concentrations of VOCs decreased substantially in the source area over time, as indicated by the monitoring at well MW-2. Concentrations of VOCs have remained relatively low and generally have decreased from the historically higher concentrations since approximately 2004. These groundwater analytical results further suggest that the remedial objective to minimize or eliminate exposure pathways or significant risks to the public or the environment under the conditions of the contemplated use of the site (i.e. Restricted Commercial; shopping center) is being met.

The results of the SSDS inspection indicate that the systems continue to operate, with maintenance being performed, as needed. The results of analysis of an indoor sample collected at the Just-A-Dollar store indicate that site-related VOCs (PCE and TCE) are orders of magnitude below the respective NYSDOH Air Guide values. Non-DOH matrix VOCs detected in the indoor air sample likely are related to the open cleansers identified in the building inventory, or to other unopened items in the store. All containers in this retail space should be tightly sealed when not in use.

Groundwater quality generally has improved at the site as a result of the implemented remedy, as described in previous sections of this PRR. The SSDSs were installed in 2005 and 2006 and have operated more or less continuously since that time.

7.0 IC AND EC CERTIFICATION FORM

The NYSDEC Institutional and Engineering Control Certification Form for Site No. V00087, New Paltz Plaza/Revonak Dry Cleaners, is presented in Appendix F.

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TABLES

TABLE 1
Ground Water Elevations
Ground Water Monitoring Program
New Paltz Plaza

Well ID	Measuring Point Elevation	September 5, 2017	
		Depth to Water (ft.)	Water Level Elevation
MW-2	97.31	3.40	93.91
MW-9	92.04	4.23	87.81
MW-10	92.56	9.54	83.02
MW-11	92.52	9.71	82.81
BR-2	94.95	3.38	91.57

Notes:

1. Measuring point elevations are from 1/20/98 survey data, except for MW-11 and MW-12. MW-11 and MW-12 were surveyed on 8/30/2007. Elevations are relative to an arbitrary site datum of 100 feet.

2. Wells MW 1, MW-3, MW 4, MW 6, MW 7, MW 12, BR 1 and BR-4 were abandoned on December 4, 2014. Wells MW-2, MW-9, MW-10, MW-11 and BR-2 remain in place for continued monitoring.

TABLE 2

Well MW-2
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

Halogenated Volatile Organics	12/91	9/94	2/5/1996	3/7/1996	3/19/1996	3/19/1996	3/22/1996	4/26/1996	2/7/1997	1/20/1998	5/14/1998	8/27/1998	12/4/1998	2/26/1999	2/26/1999	2/26/1999
Vinyl Chloride	<1000	U	<500	<500	<200	<2,000	<500	<1,000	21	20	<10	10	13	<10	<10	11
cis-1,2-Dichloroethene	<500	600	<500	<500	420	<1,000	260	280	160	200	100	150	150	120	120	130
1,1,1-Trichloroethane	<500	<500	550	750	590	<1,000	270	300	160	130	20	47	30	18	18	20
Trichloroethene	1,400	<500	<500	<500	<200	<1,000	160	<200	120	140	53	150	150	87	87	86
Tetrachloroethene	3,100	7,600	21,000	31,000	21,000	21,000	13,000	15,000	9,100	5,600	2,100	4,500	3,600	2,700	2,700	2,700
1, 1-Dichloroethane	<500	U	<500	U	U	U	<100	<200	6	4.0	<10	5.1J	<10	<10	<10	2.3
1, 1-Dichloroethene	<500	U	<500	U	U	U	<100	<200	12	7.0	<10	<10	<10	<10	<10	1.5
trans-1, 2-Dichloroethene	<500	U	<500	U	U	U	<100	<200	<1.0	2.0	<10	<10	<10	<10	<10	1.0
1,1,1,2-Tetrachloroethane	NA	U	NA	U	U	U	NA	NA	4.1	<1.0	<10	<10	<10	<10	<10	<1.0
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	<1.0
TOTAL VOCs	**4500**	**8200** (Dup)	**21550**	**31750** (Dup)	**22010**	**21000**	**13690**	**15580**	**9583.1**	**6103**	**2273**	**4862.1**	**3943**	**2925**	**2925**	**2951.8**

Halogenated Volatile Organics	8/2/2001	8/2/2001	11/6/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003	HRC Injection; November 2003	5/19/2004	11/16/2004	2/21/2005	8/30/2005	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007
Vinyl Chloride	31	25	<10	<10	<10	5.5	<10	5.6		60	19	37	110	620		40	37	67
cis-1,2-Dichloroethene	440	370	260	240	140	110	500	290		5200	53	87	370	1400		130	110	210
1,1,1-Trichloroethane	26	29	7.8J	7.1J	5.2J	20	13	29		20	<1.0	2.0	1.0	<1.0		1.0J	<5.0	<5.0
Trichloroethene	320	340	130	120	67	34	180	170		170	8.9	13	19	24		23	12	20
Tetrachloroethene	4,700	5,500	2,300	2,300	1,300	670	2,500	3,900		58	33	84	100	110		220	270	270
1, 1-Dichloroethane	<10	3.6	<10	<10	<10	1.2J	<10	<10		14	5.6	7.9	9.4	9		6	<5.0	5
1, 1-Dichloroethene	<10	3.5	<10	<10	<10	<2.0	<10	<10		7.0	<1.0	<1.0	0.51J	<1.0		<5.0	<5.0	<5.0
trans-1, 2-Dichloroethene	<10	3.5	<10	<10	<10	<2.0	<10	<10		34	8.6	8.2	14	24		9	6	7
1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	<10	<2.0	<10	<10		<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5	<5.0
Chloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	24	20	14	2.0J		7	7	18
TOTAL VOCs	**5517**	**6274.6**	**2697.8**	**2667.1**	**1512.2**	**840.7**	**3193**	**4394.6**		**5563**	**152.1**	**259.1**	**637.9**	**2189**		**436**	**442**	**597**

Halogenated Volatile Organics	8/30/2007	3/7/2008	9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	4/5/2016	9/5/2017
Vinyl Chloride	56	20	300	11	120	160	240	260	470
cis-1,2-Dichloroethene	250	60	900	35	300	1200	1200	1800	1900
1,1,1-Trichloroethane	<5.0	<5.0	<25.0	<5.0	<5.0	<50.0	<18	<50	<50
Trichloroethene	31	9	<25.0	<5.0	16	55	41	79	41
Tetrachloroethene	330	84	480	5.3	220	460	120	170	65
1, 1-Dichloroethane	10	<5.0	<25.0	<5.0	2.9J	<50.0	<18	<50	<50
1, 1-Dichloroethene	<5.0	<5.0	<25.0	<5.0	<5.0	<10.0	<3.6	4.2 J	3.7 J
trans-1, 2-Dichloroethene	10	<5.0	<25.0	<5.0	5.9	<50.0	<18	14 J	24 J
1,1,1,2-Tetrachloroethane	<5.0	<5.0	<25.0	<5.0	<5.0	<50.0	<3.6	<10	NA
Chloroethane	16	13	<25.0	<10.0	<5.0	<50.0	<18	<50	<50
TOTAL VOCs	**703**	**186**	**1680**	**51.3**	**664.8**	**1875**	**1601**	**2327.2**	**2503.7**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. U = Indicates the compound was analyzed, but not detected.
3. J = Indicates an estimated value less than the lowest standard.
4. NA = Sample not analyzed for indicated compound.
5. < = Compound was not detected at or above the given laboratory method detection limit.
6. All results are in micrograms per liter (ug/l, ppb).
7. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

TABLE 3

Well MW-9
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	1/20/1998	5/13/1998	8/26/1998	8/26/1998 (Dup)	12/3/1998	2/25/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002
Halogenated Volatile Organics											
Vinyl Chloride	41	9.1	3.8	4.2	51	18	<1.0	13	6.1	4.8	5.1
trans-1,2-Dichloroethene	3.0	2.9	3.2	3.2	2.3	2.4	2.3	2.0	1.1	1.1	1.9
cis-1,2-Dichloroethene	700	420	340	360	410	480	220	160	89	130	140
1,1,1-Trichloroethane	1.0	<1.0	0.6J	<1.0	1.0J	0.7J	<1.0	0.71J	<1.0	<1.0	<1.0
Trichloroethene	150	130	140	150	110	110	120	99	59	58	62
Tetrachloroethene	1,000	1,100	980	1100	870	870	830	890	460	400	350
Methylene Chloride	<1.0	<1.0	<1.0	1.0J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	<1.0	<1.0	<1.0	<1.0	2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	0.8J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TOTAL VOCs	**1895.8**	**1662**	**1467.6**	**1618.4**	**1446.4**	**1481.1**	**1172.3**	**1164.7**	**615.2**	**593.9**	**559.0**

	8/21/2003	8/18/2004	2/21/2005	8/30/2005	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007	8/30/2007	3/7/2008	9/25/2008
Halogenated Volatile Organics												
Vinyl Chloride	6.4	1.7	3.3	1.0	2.0J		16	5.0	8	12	<5.0	<10
trans-1,2-Dichloroethene	2.2	1.2	0.65J	0.76	2.0J		2.0J	<5.0	<5.0	<5.0	<5.0	<10
cis-1,2-Dichloroethene	260	99	70	74	200		180	140	110	120	110	69
1,1,1-Trichloroethane	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5.0	<5.0	<5.0	<5.0	<10
Trichloroethene	98	62	36	51	48		47	30	28	42	24	22
Tetrachloroethene	630	430	220	210	280		210	230	210	300	180	150
Methylene Chloride	<1.0	<1.0	1.2	<1.0	<5.0		2.0JB	<5.0	<5.0	<5.0	<5.0	<10
Chloroethane	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5.0	<5.0	<5.0	<5.0	<10
1,1-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5.0	<5.0	<5.0	<5.0	<10
TOTAL VOCs	**997**	**594**	**331**	**337**	**532**		**457**	**405**	**356**	**474**	**314**	**241**

	6/10/2009	6/9/2011	4/3/2013	12/4/2014	4/5/2016	4/5/2016 (Dup)	9/5/2017
Halogenated Volatile Organics							
Vinyl Chloride	<20	2.0J	1.2	3.2	0.77 J	0.92 J	27
trans-1,2-Dichloroethene	<10	<5.0	<2.5	<0.7	<2.5	<2.5	<5.0
cis-1,2-Dichloroethene	76	170	17	18	5.5	6.5	180
1,1,1-Trichloroethane	<10	<5.0	<2.5	<0.7	<2.5	<2.5	<5.0
Trichloroethene	24	17	11	8.7	2.5	3.2	14
Tetrachloroethene	190	140	95	31	7.1	11	53
Methylene Chloride	<10	2.8J,B	<2.5	<0.7	<2.5	<2.5	<5.0
Chloroethane	<20	<5.0	<2.5	<0.7	<2.5	<2.5	<5.0
1,1-Dichloroethene	<10	<5.0	<0.5	<0.7	<0.5	<0.5	<1.0
TOTAL VOCs	**290**	**331.8**	**124.2**	**60.9**	**15.87**	**21.62**	**274**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. < = Compound was not detected at or above the laboratory method detection limit shown.
4. All results are in micrograms per liter (ug/l, ppb).
5. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
6. B = Indicates the compound was detected in the field blank sample or associated analysis batch blank.

TABLE 4

Well MW-10
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003	8/18/2004	2/21/2005	8/30/2005	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007	8/30/2007	8/30/2007 (duplicate)	3/7/2008
Halogenated Volatile Organics																
Vinyl Chloride	2	1.5	0.9J	<1.0	0.8J	1.2	1.9	1.7	<1.0		31	24	29	53	56	<5.0
trans-1,2-Dichloroethene	2.4	1.8	1.6	3.5	2.3	2.8	2.7	2.3	<1.0		6	<5.0	<5.0	<5.0	<25	<5.0
cis-1,2-Dichloroethene	410	250	370	500	370	490	360	420	140		690	220	330	550	580	35
1,1,1-Trichloroethane	0.93 J	0.91J	0.7J	<1.0	<1.0	0.6J	<1.0	0.59J	<1.0		<5.0	<5.0	<5.0	<5.0	<25	<5.0
Trichloroethene	63	57	53	64	70	61	55	66	13		23	13	23	<5.0	<25	<5.0
Tetrachloroethene	620	420	450	470	460	600	350	380	97		70	66	67	80	75	11
1,1-Dichloroethene	0.63 J	<1.0	<1.0	<1.0	<1.0	0.6J	0.53J	<1.0	<1.0		<5.0	<5.0	<5.0	<5.0	<25	<5.0
Chloroethane	<1.0	<1.0	0.5J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	7	29	<5.0	<25	<5.0
Aromatic Volatile Organics																
MTBE	NA	NA	1.1	<1.0	<1.0	<1.0	<1.0	NA	<1.0		<5.0	<5.0	<5.0	<5.0	<25	<5.0
TOTAL VOCs	**1099.0**	**731.2**	**877.8**	**1037.5**	**903.1**	**1156.2**	**770.1**	**870.6**	**250**		**820**	**330**	**478**	**683**	**711**	**46**

	9/25/2008	(Dup) 9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	9/5/2017
Halogenated Volatile Organics							
Vinyl Chloride	<50	<25	96	26	6.6	5	0.43 J
trans-1,2-Dichloroethene	<50	<25	<25	3.1J	<12	<1.8	<2.5
cis-1,2-Dichloroethene	890	800	930	240	320	160	31
1,1,1-Trichloroethane	<50	<25	<25	<5.0	<12	<1.8	<2.5
Trichloroethene	<50	26	30	15	15	14	4.2
Tetrachloroethene	84	90	130	78	66	47	16
1,1-Dichloroethene	<50	<25	<25	<5.0	<2.5	<0.36	<0.50
Chloroethane	<50	<25	<50	<5.0	<12	<1.8	<2.5
Aromatic Volatile Organics							
MTBE	<50	<25	<25	<5.0	<12	<1.8	<2.5
TOTAL VOCs	**974.0**	**916.0**	**1186**	**362.1**	**407.6**	**226.0**	**51.6**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. All results are in micrograms per liter (ug/l, ppb).
4. NA = Compound not analyzed.
5. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

TABLE 5

Well MW-11
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007	8/30/2007	3/7/2008	9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	DUP 12/4/2014	4/5/2016	9/5/2017
Halogenated Volatile Organics															
Vinyl Chloride	8.0		3.0J	8	<5.0	5	16	17	<10	6.9	1.2	2.7	2.6	0.8 J	5.6
trans-1,2-Dichloroethene	NA		1.0J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.1J	0.78 J	1.3 J	1.2 J	1.2 J	2.0 J
cis-1,2-Dichloroethene	140		35	54	16	17	84	140	160	240	130 E	110	110	120	180
Trichloroethene	6		3.0J	<5.0	<5.0	<5.0	5	6	9.1	4.7J	2.8	2.8	2.7	2.9	5.1
Tetrachloroethene	37		7	14	6	<5.0	18	14	17	3.5J	10	10	10	11	7.8
Methylene Chloride	<14		2JB	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	2.5J,B	<2.5	<0.70	<0.7	<2.5	<5.0
TOTAL VOCs	**191**		**51**	**76**	**22**	**22**	**123**	**177**	**186.1**	**258.7**	**144.8**	**126.8**	**126.5**	**135.9**	**200.5**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. All results are in micrograms per liter (ug/l, ppb).
3. Compound was not detected at or above the laboratory method detection limit shown.
4. NA = Compound not analyzed.
5. B = Indicates the compound was detected in the field blank sample or associated analysis batch blank.
6. J = Indicates an estimated value less than the lowest standard.
7. < = Coumpound was not detected at or above the laboratory method detection limit.

TABLE 6

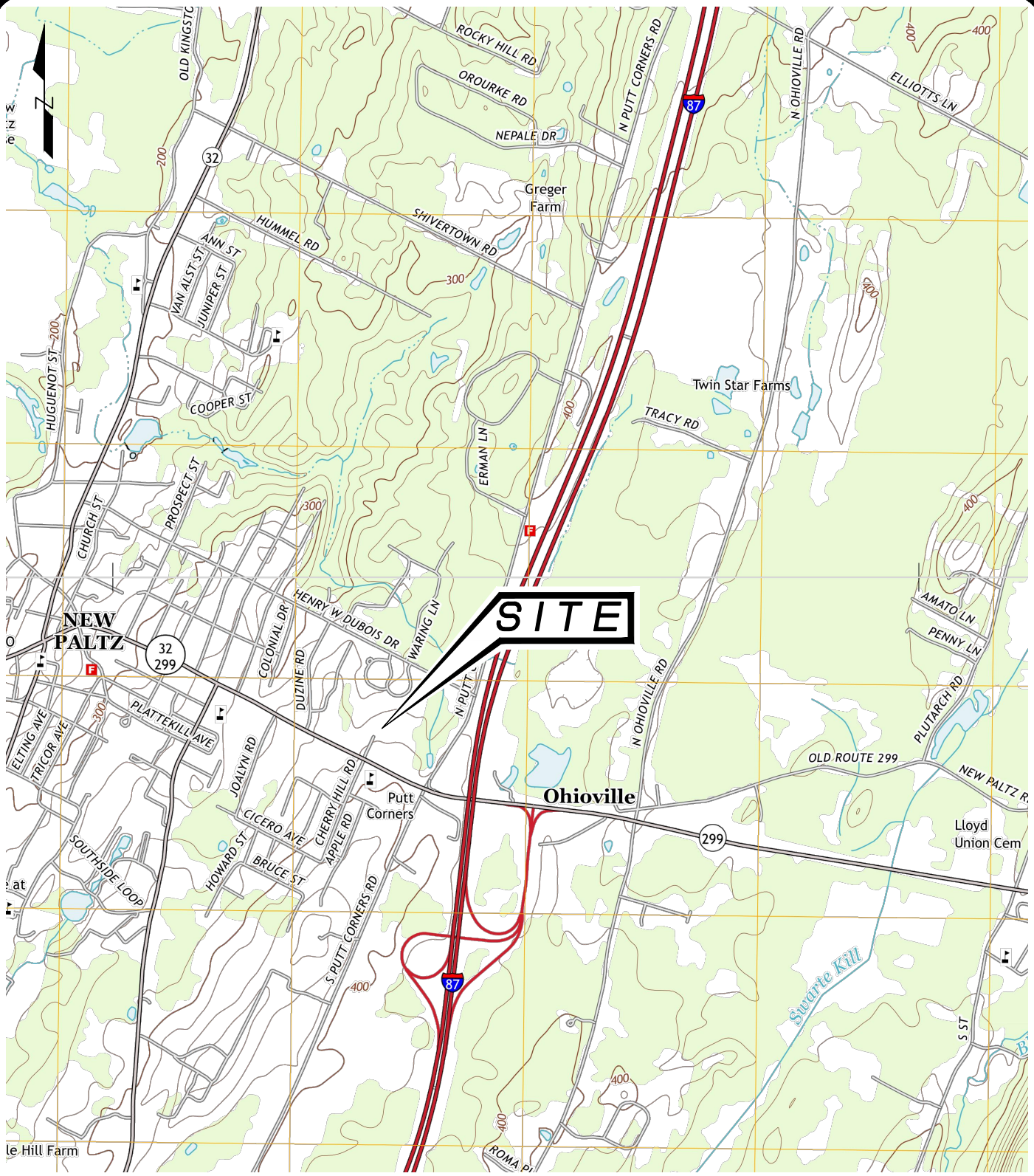
Well BR-2
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

Halogenated Volatile Organics	1/20/1998	5/13/1998	8/26/1998	12/3/1998	2/25/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003
Vinyl Chloride	13	6.1	10	12	5.2	3.8	6.6	5	3.4	4.1	2.3
cis-1,2-Dichloroethene	65	64	100	100	63	55	71	57	48	63	43
Trichloroethene	19	21	27	26	20	20	24	18	17	20	21
Tetrachloroethene	130E	200	210	230	180	200	230	170	170	200	150
Chloroethane	<1.0	<1.0	0.9J	1.0	<1.0	<1.0	1.2	0.97J	0.5J	<1.0	<1.0
trans-1,2-Dichloroethylene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.37J	<1.0
TOTAL VOCs	**97**	**291.1**	**347.9**	**369**	**268.2**	**278.8**	**332.8**	**251.0**	**238.9**	**287.5**	**216.3**

Halogenated Volatile Organics	8/18/2004	8/30/2005	8/31/2006	8/30/2007	9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	4/5/2016	9/5/2017
Vinyl Chloride	4.1	4.1	4.0J	<5.0	<5.0	<10	1.2J	2.8	2.4	0.33 J	7.8
cis-1,2-Dichloroethene	48	66	56	62	65	<5.0	13	13	7.4	3	42
Trichloroethene	20	22	18	14	11	<5.0	3.5J	5.7	2.9	0.82	4.7
Tetrachloroethene	220	170	160	140	110	<5.0	28	48	14	1.9	7.7
Chloroethane	<1.0	<1.0	<1.0	<5.0	<5.0	<10	<5.0	<2.5	<0.7	<2.5	<2.5
trans-1,2-Dichloroethylene	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<2.5	<0.7	1.2 J	<2.5
TOTAL VOCs	**292.1**	**262.1**	**238.0**	**216.0**	**186.0**	**ND**	**45.7**	**69.5**	**26.7**	**7.25**	**62.2**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. E = Indicates an estimated value greater than the highest standard.
4. < = Compound was not detected at or above the laboratory method detection limit shown.
5. All results are in micrograms per liter (ug/l, ppb).
6. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
7. Chloroform, Dibromochloromethane and Bromodichloromethane were detected in the sample collected on December 4, 2014 at 23 ppb, 0.58 ppb and 4.6 ppb, respectively. These compounds were not previously detected.

FIGURES



MAP REFERENCE: USGS ROSENDALE AND CLINTONDALE 7.5 MINUTE QUADRANGLE, 2013

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

SITE LOCATION MAP
NEW PALTZ PLAZA
NYS ROUTE 299

TOWN OF NEW PALTZ ULSTER CO., NEW YORK

PROJ. No.:	DATE:	SCALE:	DWG. NO.	FIGURE
2014-45	8/10/2016	1" = 2000'	2014-45001	1

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\ACAD\2014-45001_F-1 - Site Location Map.dwg SWEETT 8/10/2016 1:27 PM

MAP REFERENCE: USGS HIGH RESOLUTION ORTHOIMAGERY, 2013

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\ACAD\2014-45002_F-2 - Site Vicinity Map.dwg SWEETT 8/10/2016 1:47 PM

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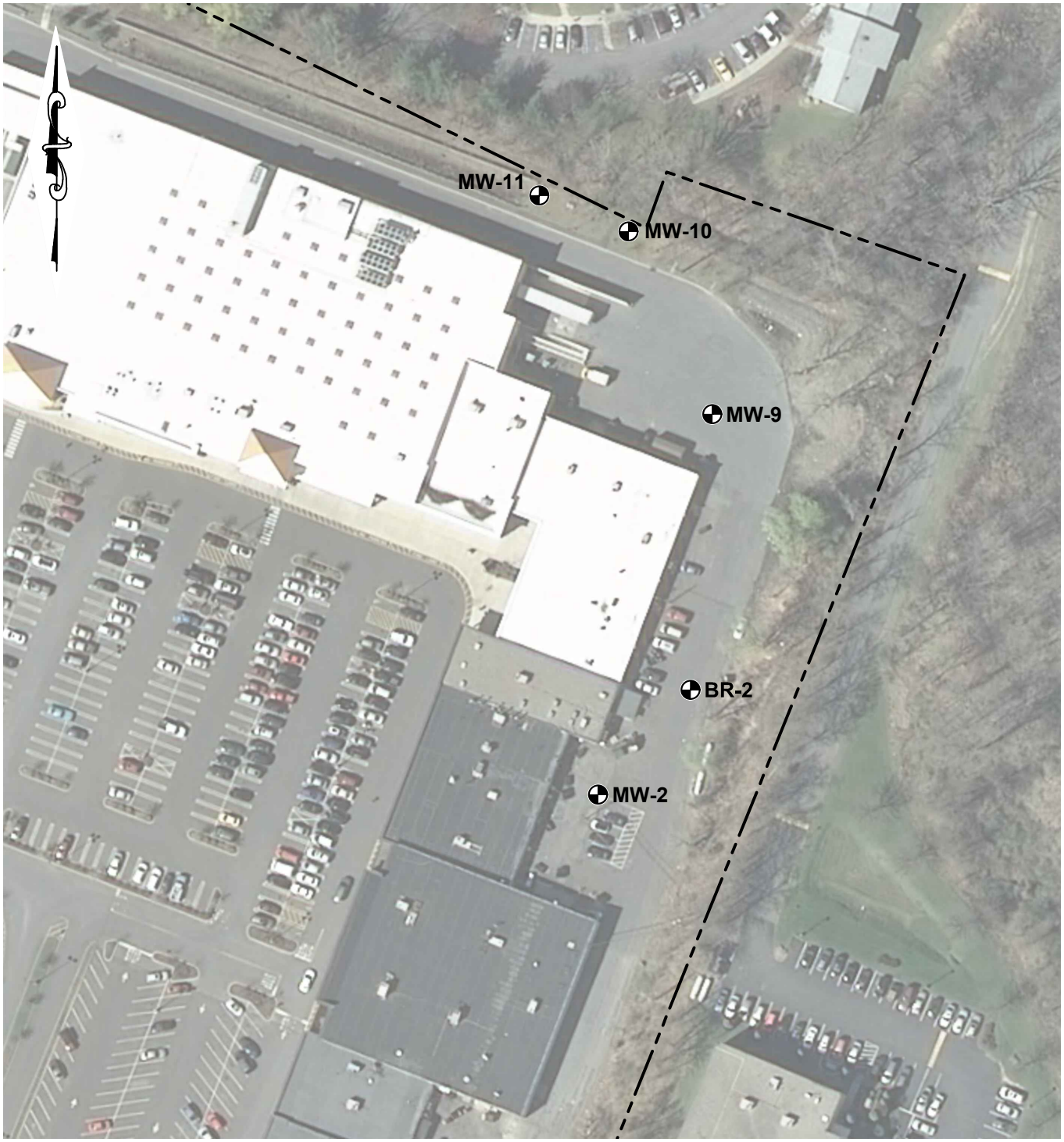
24 Wade Road • Latham, New York 12110

SITE VICINITY MAP
NEW PALTZ PLAZA
NYS ROUTE 299

TOWN OF NEW PALTZ ULSTER CO., NEW YORK

PROJ. No.: 2014-45	DATE: 8/10/2016	SCALE: 1" = 200'	DWG. NO. 2014-45002	FIGURE 2



LEGEND:

MW-2 MONITORING WELL

APPROXIMATE PROPERTY BOUNDARY

0 50 100 200

1 inch = 100 ft.

MAP REFERENCE: NEW YORK STATEWIDE DIGITAL ORTHOIMAGERY PROGRAM, PHOTOGRAPHY CIRCA 2013

STERLING

Sterling Environmental Engineering, P.C.

24 Wade Road ♦ Latham, New York 12110

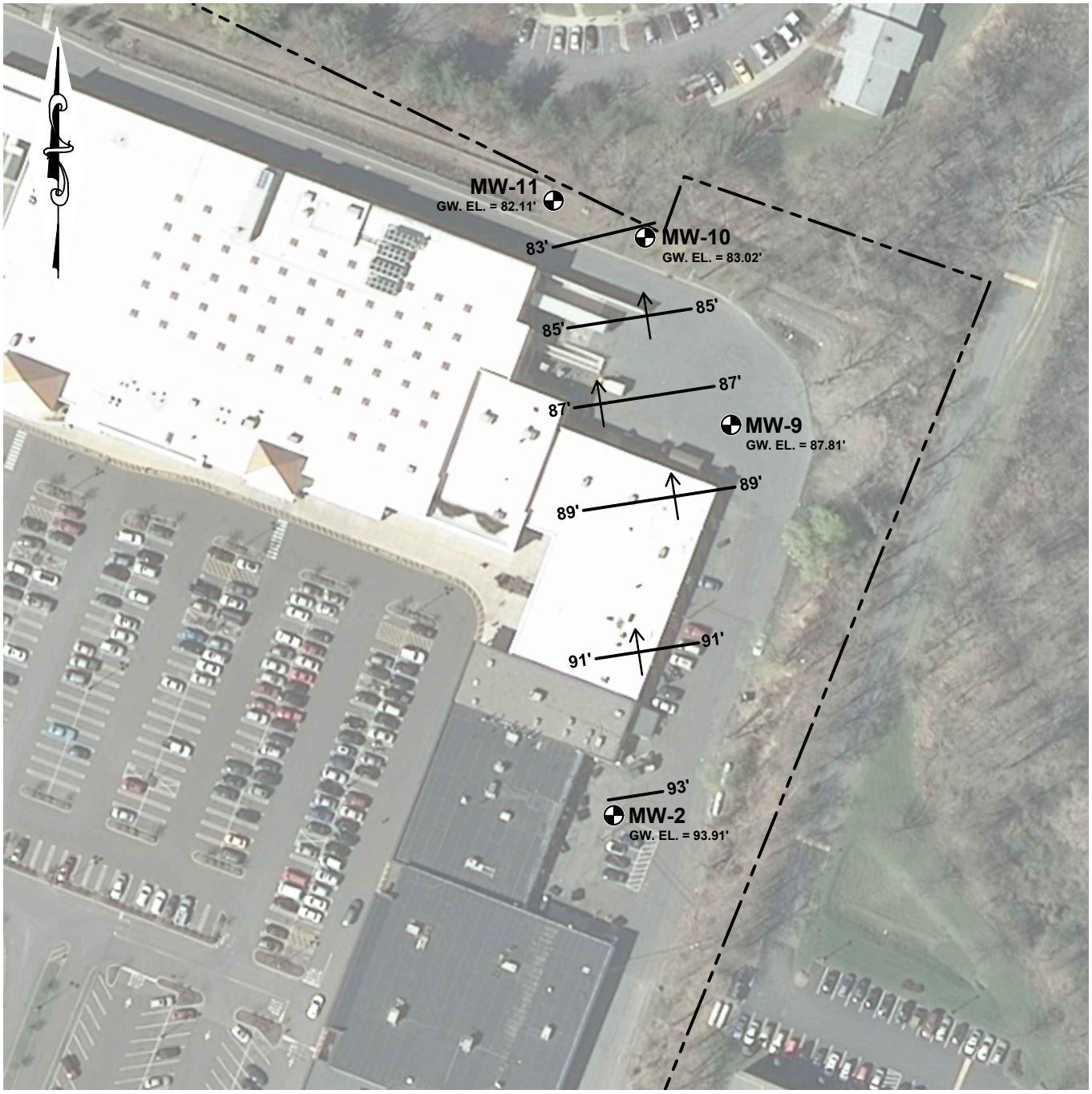
MONITORING WELL LOCATION MAP

NEW PALTZ PLAZA

NYS ROUTE 299

TOWN OF NEW PALTZ ULSTER CO., N.Y.

PROJ. No.: 2014-45	DATE: 8/31/2018	SCALE: 1" = 100'	DWG. NO. 2014-45004	FIGURE 3



LEGEND:

MW-2 (GW. EL. = 93.91') — MONITORING WELL, GROUNDWATER ELEVATION SEPTEMBER 5, 2017

91' — GROUNDWATER CONTOURS

→ INFERRED GROUNDWATER FLOW DIRECTION

APPROXIMATE PROPERTY BOUNDARY

0 50 100 200

1 inch = 100 ft.

MAP REFERENCE: NEW YORK STATEWIDE DIGITAL ORTHOIMAGERY PROGRAM, PHOTOGRAPHY CIRCA 2013

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24 Wade Road ♦ Latham, New York 12110

OVERBURDEN GROUNDWATER CONTOUR MAP
SEPTEMBER 5, 2017
NEW PALTZ PLAZA
NYS ROUTE 299

TOWN OF NEW PALTZ ULSTER CO., N.Y.

PROJ. No.: 2014-45	DATE: 8/31/2018	SCALE: 1" = 100'	DWG. NO. 2014-45003	FIGURE 4

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FIGURE 5
Well MW-2 Total VOC & PCE Concentrations

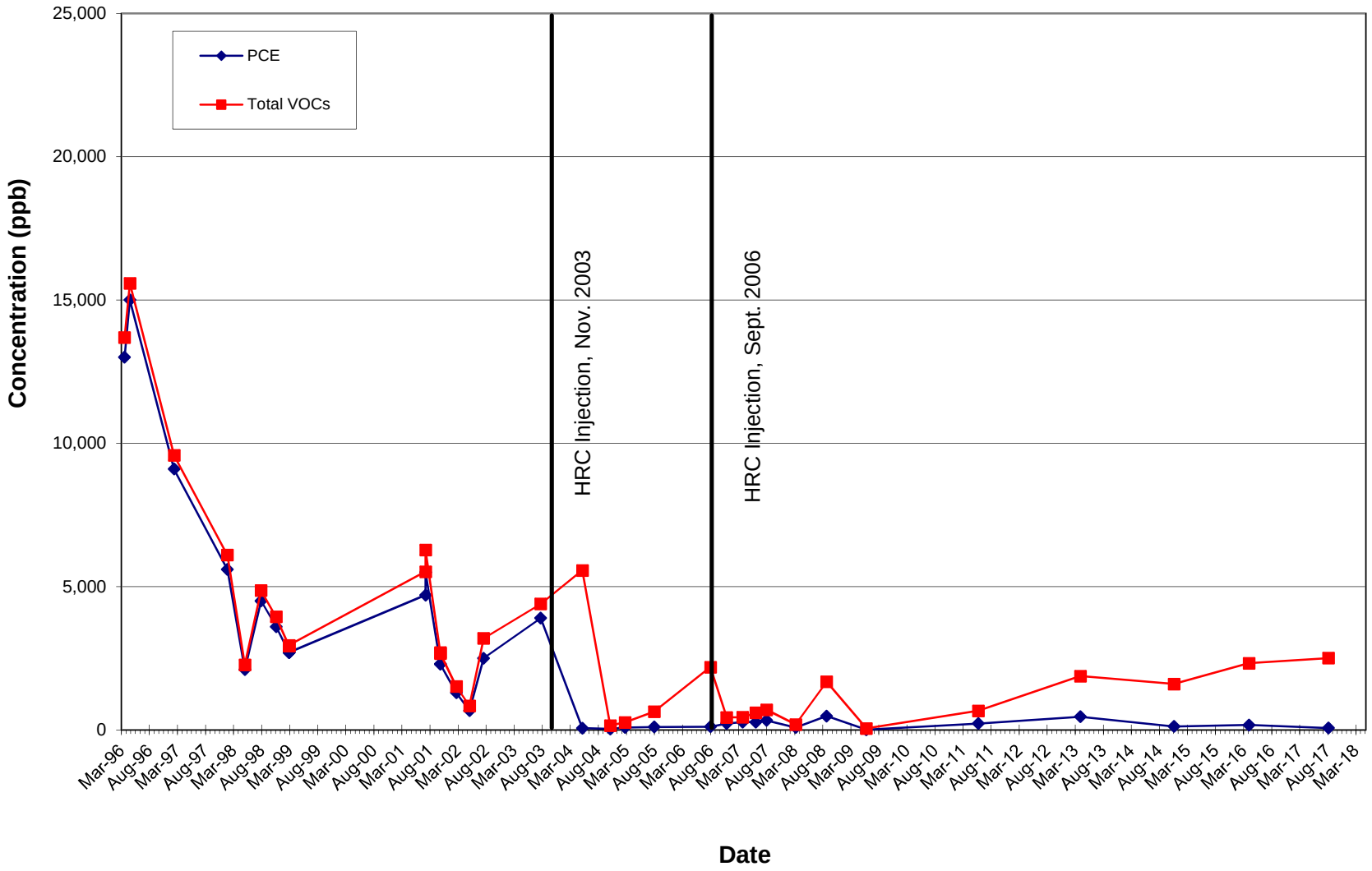


FIGURE 6
Well MW-9 Total VOCs & PCE Concentration

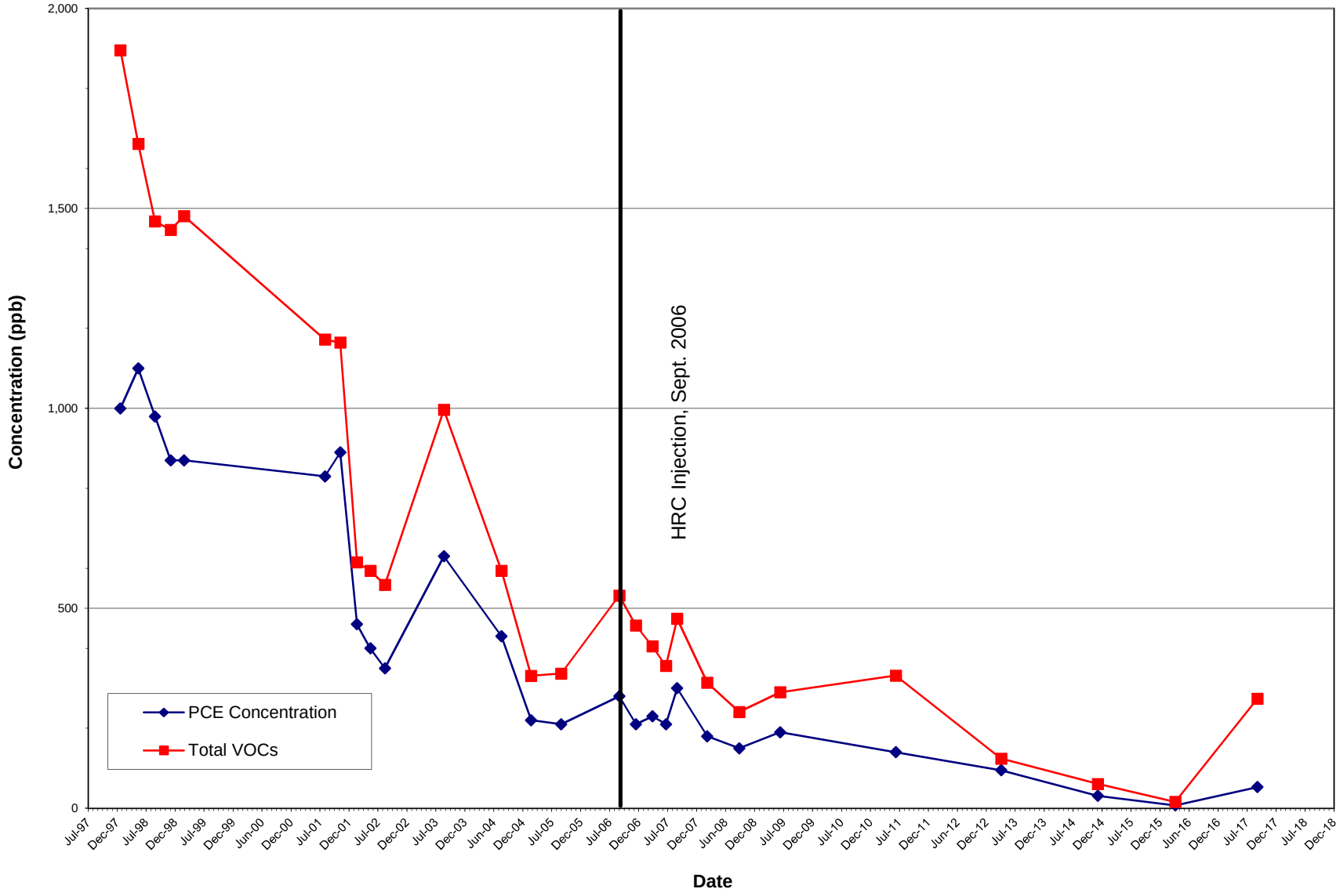
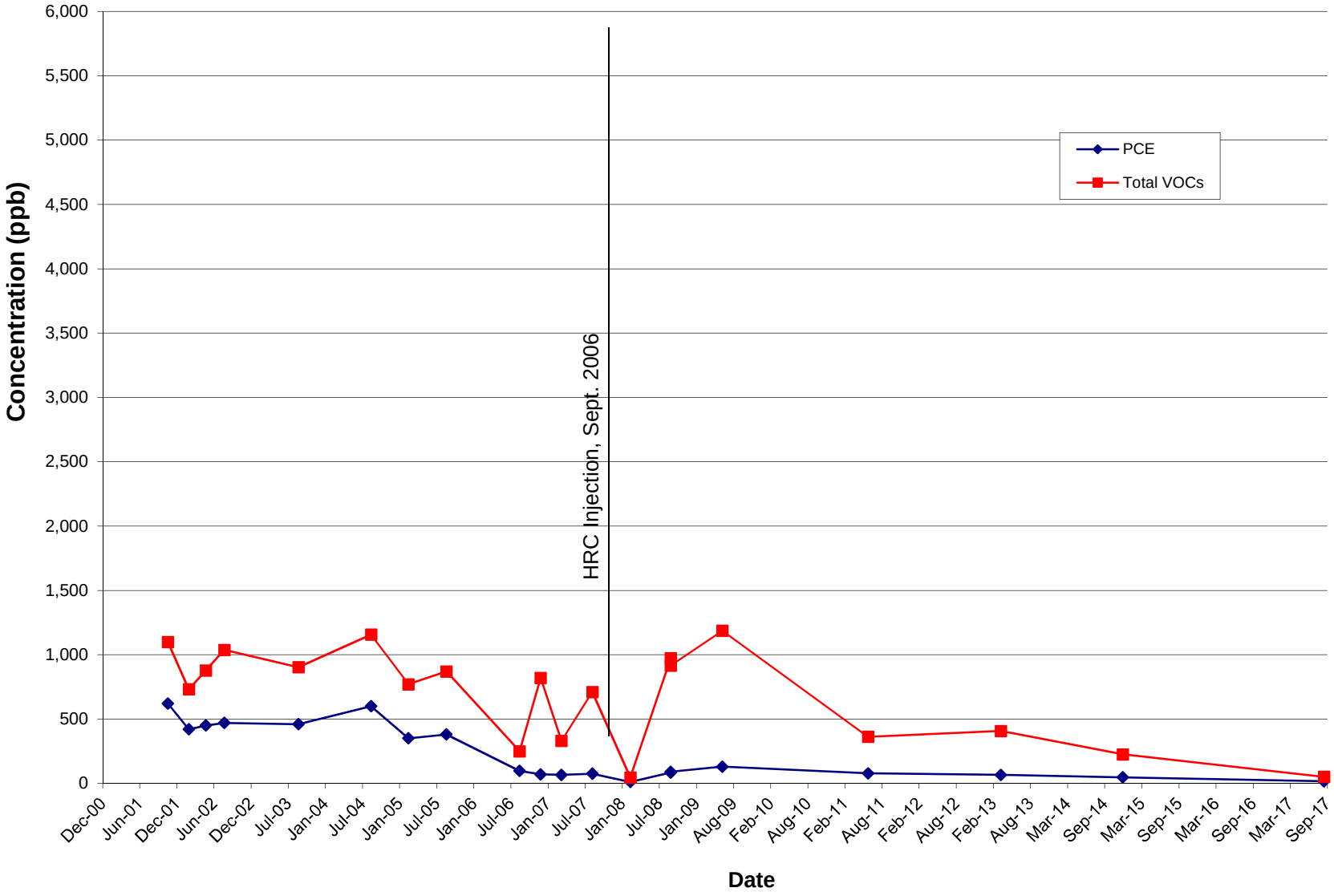


FIGURE 7
Well MW-10 Total VOCs & PCE Concentrations



APPENDIX A

Release Letter

New York State Department of Environmental Conservation
Office of General Counsel, 14th Floor
625 Broadway, Albany, New York 12233-1500
Fax: (518) 402-9018 or (518) 402-9019
Website: www.dec.ny.gov

Joe Martens
Commissioner

May 30, 2012

New Paltz Plaza Properties L.P.
New Platz Plaza, Inc.
% The Kempner Corporation
257 Mamaroneck Avenue
White Plains, NY 10605

RE: New Paltz Plaza Properties, L.P. and New Paltz Plaza, Inc.
Index No. W3-0782-97-10
Site No. V00087

To whom it may concern:

Unless otherwise specified in this letter, all terms used herein shall have the meaning assigned to them under the terms of the Voluntary Agreement entered into between the New York State Department of Environmental Conservation (the "Department") and **New Paltz Plaza Properties, L.P.** and its general partner, **New Paltz Plaza, Inc.**, (collectively "Volunteer"), Index No. W3-0782-97-10 (the "Agreement").

The Department is pleased to report that the Department is satisfied that the Department-approved Work Plan to implement a response program at the parcel of land located at on State Route 299 in the Town of New Paltz, County of Ulster, State of New York, Tax Map Parcel No. 86.12-6-5.1, a map of which is attached hereto as Appendix "A" (the "Site"), Site # V00087, has been successfully implemented. So long as no information has been withheld from the Department or mistake made as to the hazard posed by any Site-related compound or analyte of concern, the Department believes that no further investigation or response will be required at the Site respecting the Existing Contamination to render the Site safe to be used for the Contemplated Use.

Assignable Release and Covenant Not To Sue:

The Department and the Trustee of New York State's natural resources ("Trustee"), therefore, hereby release, covenant not to sue, and shall forbear from bringing any action, proceeding, or suit against Volunteer and Volunteer's lessees and sublessees and Volunteer's successors and assigns and their respective secured creditors, for the further investigation and remediation of the Site, or for natural resources damages, based upon the release or threatened release of Existing Contamination, provided that (a) timely payments of the amounts specified in Paragraph VI of the Agreement continue to be or have been made to the Department, (b)

appropriate notices and deed restrictions have been recorded in accordance with Paragraphs IX and X of the Agreement, and Volunteer and/or its lessees, sublessees, successors, or assigns promptly commence and diligently pursue to completion the Department-approved Site Management Plan, if any. Nonetheless, the Department and the Trustee hereby reserve all of their respective rights concerning, and such release, covenant not to sue, and forbearance shall not extend to, any further investigation or remedial action the Department deems necessary:

- due to off-Site migration of contaminants other than petroleum resulting in impacts to environmental resources, to human health, or to other biota that are not inconsequential and to off-Site migration of petroleum, irrespective of whether the information available to Volunteer and the Department at the time of the development of the Work Plan disclosed the existence of potential existence of such off-Site migration;

- due to environmental conditions related to the Site that were unknown to the Department at the time of its approval of the Work Plan which indicate that Site conditions are not sufficiently protective of human health and the environment for the Contemplated Use;

- due to information received, in whole or in part, after the Department's approval of the final engineering report and certification, which indicates that the activities carried out in accordance with the Work Plan are not sufficiently protective of human health and the environment for the Contemplated Use;

- due to Volunteer's failure to implement the Agreement to the Department's satisfaction; or

- due to fraud or mistake committed by 'Volunteer' in demonstrating that the Site-specific cleanup levels identified in, or to be identified in accordance with, the Work Plan were reached.

Additionally, the Department and the Trustee hereby reserve all of their respective rights concerning, and any such release, covenant not to sue, and forbearance shall not extend to:

- Volunteer if it causes a, or suffers the, release or threat of release, at the Site of any hazardous substance (as that term is deemed at 42 USC 9601[14]) or petroleum (as that term is defined in Navigation Law §172[15]), other than Existing Contamination; or if it causes a, or suffers the use of the Site to, change from the Contemplated Use to one requiring a lower level of residual contamination before that use can be implemented with sufficient protection of human health and the environment; nor to

- any of Volunteer's lessees, sublessees, successors, or assigns who causes a, or suffers the, release or threat of release, at the Site of any hazardous substance (as that term is defined at 42 USC 9601[14]) or petroleum (as that term is defined in Navigation Law §172[151), other than Existing Contamination, after the effective date of the Agreement; who causes a, or suffers the use of the Site to, change from the Contemplated Use to one requiring a lower level of residual contamination before that use can be implemented with sufficient protection of human health and the environment; or who is otherwise a patty responsible

under law for the remediation of the Existing Contamination independent of any obligation that party may have respecting same established resulting solely from the Agreements execution.

Notwithstanding the above, however, with respect to any claim or cause of action asserted by the Department, the one seeking the benefit of this release shall bear the burden of proving that the claim or cause of action, or any part thereof, is attributable solely to Existing Contamination.

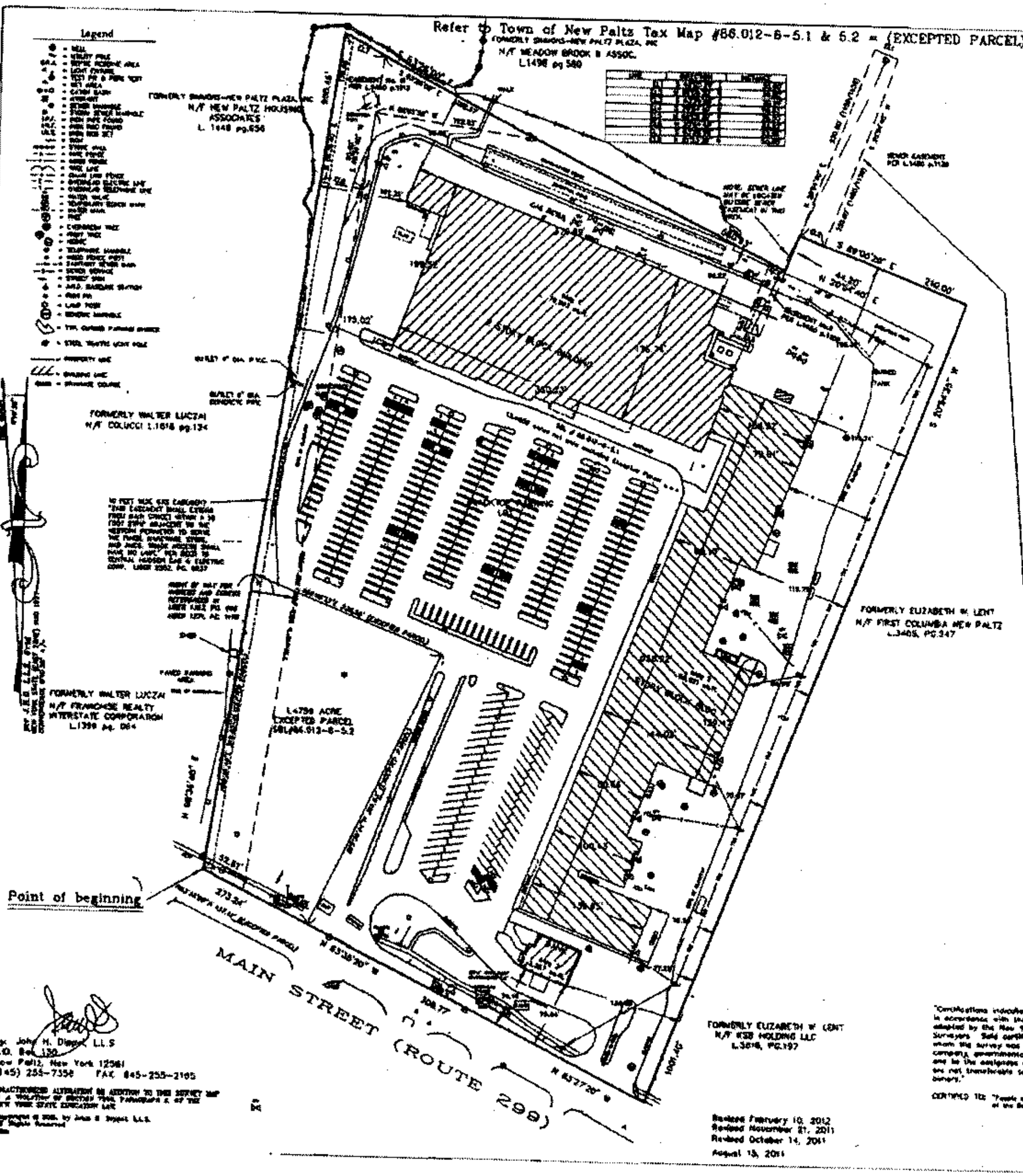
Notwithstanding any other provision in this release, if, with respect to the Site there exists or may exist a claim of any kind or nature on the part of the New York State, Environmental Protection and Spill Compensation Fund against any patty, nothing in this release shall be construed, or deemed, to preclude the State of New York from recovering such claim.

In conclusion, the Department is pleased to be part of this effort to return the Site to productive use of benefit to the entire community.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND TRUSTEE OF NEW YORK STATE'S NATURAL RESOURCES

By: _____

Its: _____



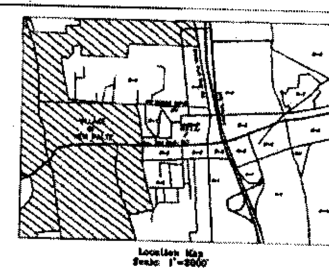
Notes

NOTE: The parcel as described by Survey Description is subject to a deed description.

SEE SHEET 2 OF 2

Together with a right of way over and across lands now or formerly of Simmons-New Paltz Plaza, Inc. adjoining on the north for the drainage of surface waters and which said right of way shall follow the existing water course or ditch on said lands of Simmons-New Paltz Plaza, Inc. and which leads in a northerly direction to the lands of Elizabeth W. Lent and connects with a water course or ditch running in a northerly direction over the said lands of said Elizabeth W. Lent.

Together with a right of way for the drainage of surface water over and across lands of Elizabeth W. Lent and as heretofore granted by said Elizabeth W. Lent to Simmons-New Paltz Plaza, Inc. by grant dated the 3rd day of June, 1868 and recorded in the Ulster County Clerk's Office on the 24th day of June, 1868 in Liber 1213 of Deeds at page 1131.



Survey Description

Certification

AREA
551,812 sq. ft.
14.9856 acres total area including Excepted Parcel

Survey Prepared For

New Paltz Properties, LLC

c/o The Kempner Corporation
of 269-271 Main Street
Situate in the Town of New Paltz
County of Ulster and State of New York

GRAPHIC SCALE

DWG. NO 3264-Feb-10
SHEET 1 OF 2

APPENDIX B

Building Inventory Form, Summary Table, and Laboratory Analytical Report
July 30, 2018 Indoor Air Sample

Indoor Air Sampling – Product Inventory

Sterling Environmental Engineering, P.C.

24 Wade Road

Latham, NY 12110

Homeowner Name & Address NEW PALTZ PLAZA (JUST A DOLLAR) Date 7/30/2018

Samplers & Company STEFAN TRUEX - STERLING ENV. ENG. Structure ID 22 NEW PALTZ PLAZA

Site Number & Name 2014-45 - NEW PALTZ PLAZA Phone Number STERLING: 518-456-1100

Make & Model of PID MINIRAE 3000 PHOTOIONIZATION DETECTOR Date of PID Calibration 7/30/2018

Identify any Changes from Original Building Questionnaire N/A

Product Name / Description	Quantity	Chemical Ingredients	PID Reading	Location
AJAX - BLEACH POWDER	1	CALCIUM CARBONATE, BLEACH, ANIONIC SURFACTANT	0.0 ppm	BATHROOM
CHASE - HOME VALUE SPRAY DISINFECTANT	1	DIBENZYL AMMONIUM CHLORIDE, ETHANOL	0.0 ppm	BATHROOM
FIRST FORCE PINE CLEANER	1	SODIUM XYLENESULFONATE ALCOHOL ETHOXYLATE ETHYLENEDIAMINE TETRAACETIC	0.1 ppm	BEHIND REGISTER
HOME SELECT GLASS CLEANER	1	WATER, PROPANE/BUTANE, 2-BUTOXYETHANOL, SODIUM LAURYL SULFATE, ALCOHOL ETHOXY AMMONIUM HYDROXIDE	0.0 ppm	BEHIND REGISTER
		SODIUM BENZOATE		

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name STEFAN TRUEX Date/Time Prepared 7/30/2018

Preparer's Affiliation STERLING ENV. ENG. Phone No. 518-456-4900

Purpose of Investigation INDOOR AIR QUALITY SAMPLING

1. OCCUPANT:

Interviewed: Y / (N)

Last Name: EDSON First Name: CHERYL

Address: 22 NEW PALTZ PLAZA

County: ULSTER

Home Phone: ~~ULSTER~~ 845-883-0716 Office Phone: 845-255-1794

Number of Occupants/persons at this location 1 Age of Occupants ~50

2. OWNER OR LANDLORD: (Check if same as occupant —)

Interviewed: Y / (N)

Last Name: N/A First Name: N/A

Address: N/A

County: N/A

Home Phone: N/A Office Phone: N/A

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other:

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: N/A

If multiple units, how many? N/A

If the property is commercial, type?

Business Type(s) DOLLAR STORE

Does it include residences (i.e., multi-use)? Y / N If yes, how many? N/A

Other characteristics:

Number of floors 1 Building age N/A

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other N/A
c. Basement floor:	concrete	dirt	stone	other N/A
d. Basement floor:	uncovered	covered	covered with N/A	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other N/A
g. Foundation walls:	unsealed	sealed	sealed with N/A	
h. The basement is:	wet	damp	dry	moldy N/A
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: N/A (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

N/A

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other FAN BY FRONT COUNTER (SEE SKETCH)

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene	
Electric	Propane	Solar N/A	
Wood	Coal		

Domestic hot water tank fueled by: N/A

Boiler/furnace located in: Basement Outdoors Main Floor Other N/A

Air conditioning: Central Air Window units Open Windows None N/A

SELDOM USED

Are there air distribution ducts present? (Y) / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

SEE SKETCH / ATTACHED

7. OCCUPANCY

Is basement/lowest level occupied? Full-time (Occasionally) Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	N/A
1st Floor	DOLLAR STORE / COMMERCIAL
2nd Floor	N/A
3rd Floor	N/A
4th Floor	N/A

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? (Y) / N

b. Does the garage have a separate heating unit? Y / N / (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / (N) / NA Please specify N/A

d. Has the building ever had a fire? Y / N When? N/A

e. Is a kerosene or unvented gas space heater present? Y / (N) Where? .

f. Is there a workshop or hobby/craft area? Y / (N) Where & Type? _____

g. Is there smoking in the building? Y / (N) How frequently? _____

h. Have cleaning products been used recently? (Y) / N When & Type? SEE INVENTORY LIST

i. Have cosmetic products been used recently? Y / N When & Type? N/A

j. Has painting/staining been done in the last 6 months? Y / N Where & When? N/A

k. Is there new carpet, drapes or other textiles? Y / N Where & When? N/A

l. Have air fresheners been used recently? Y / N When & Type? N/A

m. Is there a kitchen exhaust fan? Y / N If yes, where vented? _____

n. Is there a bathroom exhaust fan? Y / N If yes, where vented? CEILING

o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N N/A

p. Has there been a pesticide application? Y / N When & Type? N/A

Are there odors in the building? Y / N
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? N/A

If yes, are their clothes washed at work? Y / N N/A

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)
Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
No
Unknown

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: N/A
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

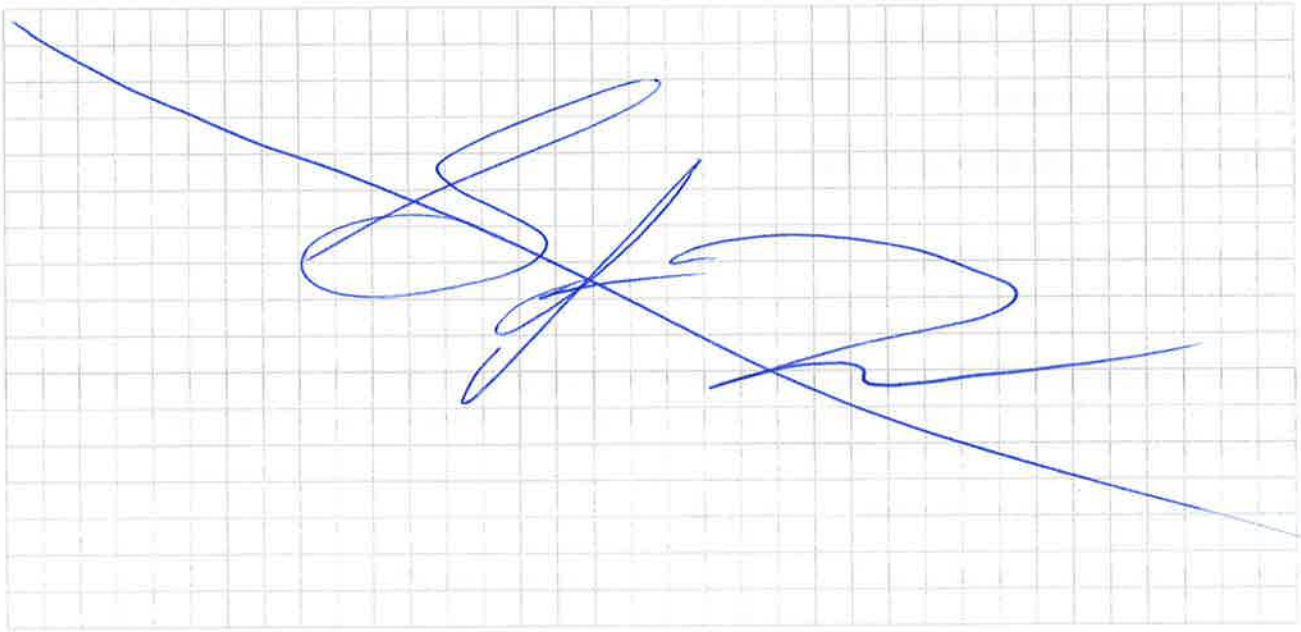
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

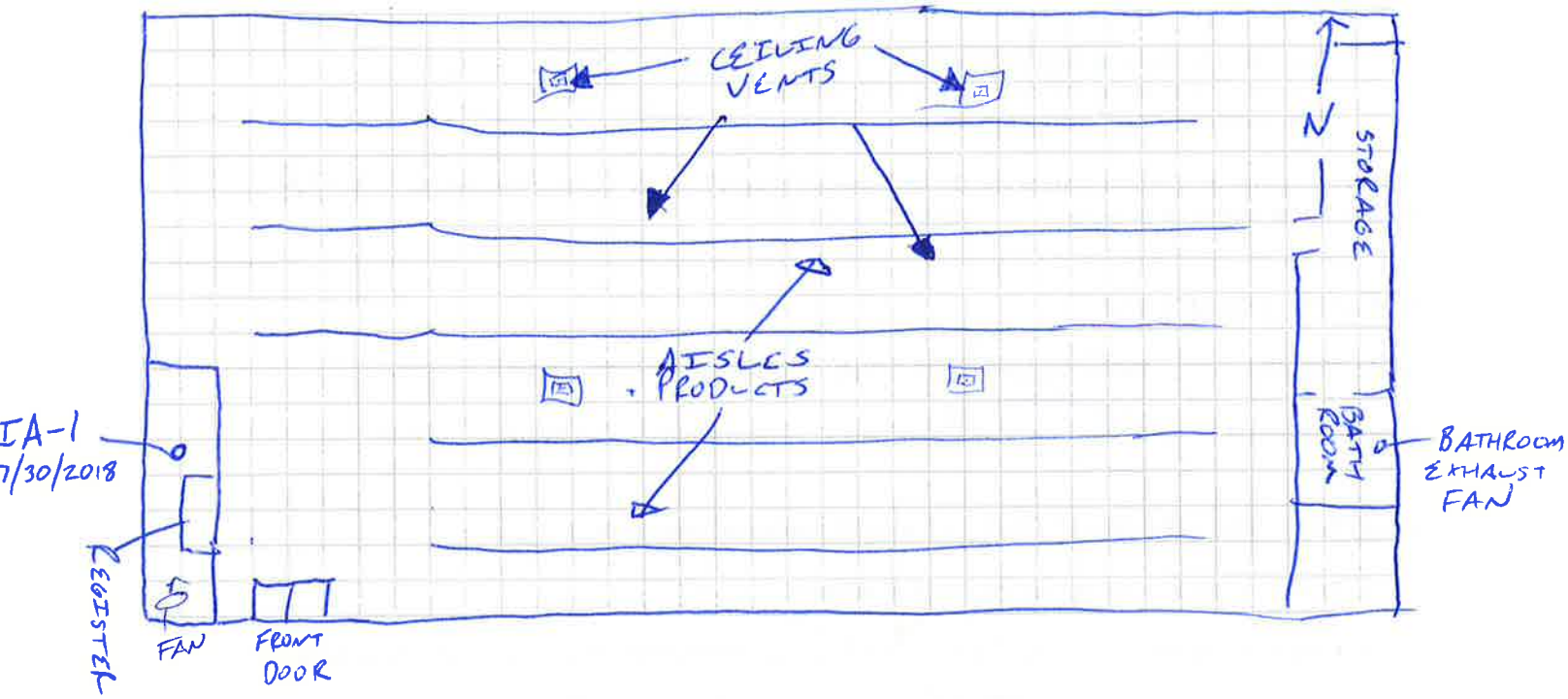
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



First Floor: JUST-A-DOLLAR

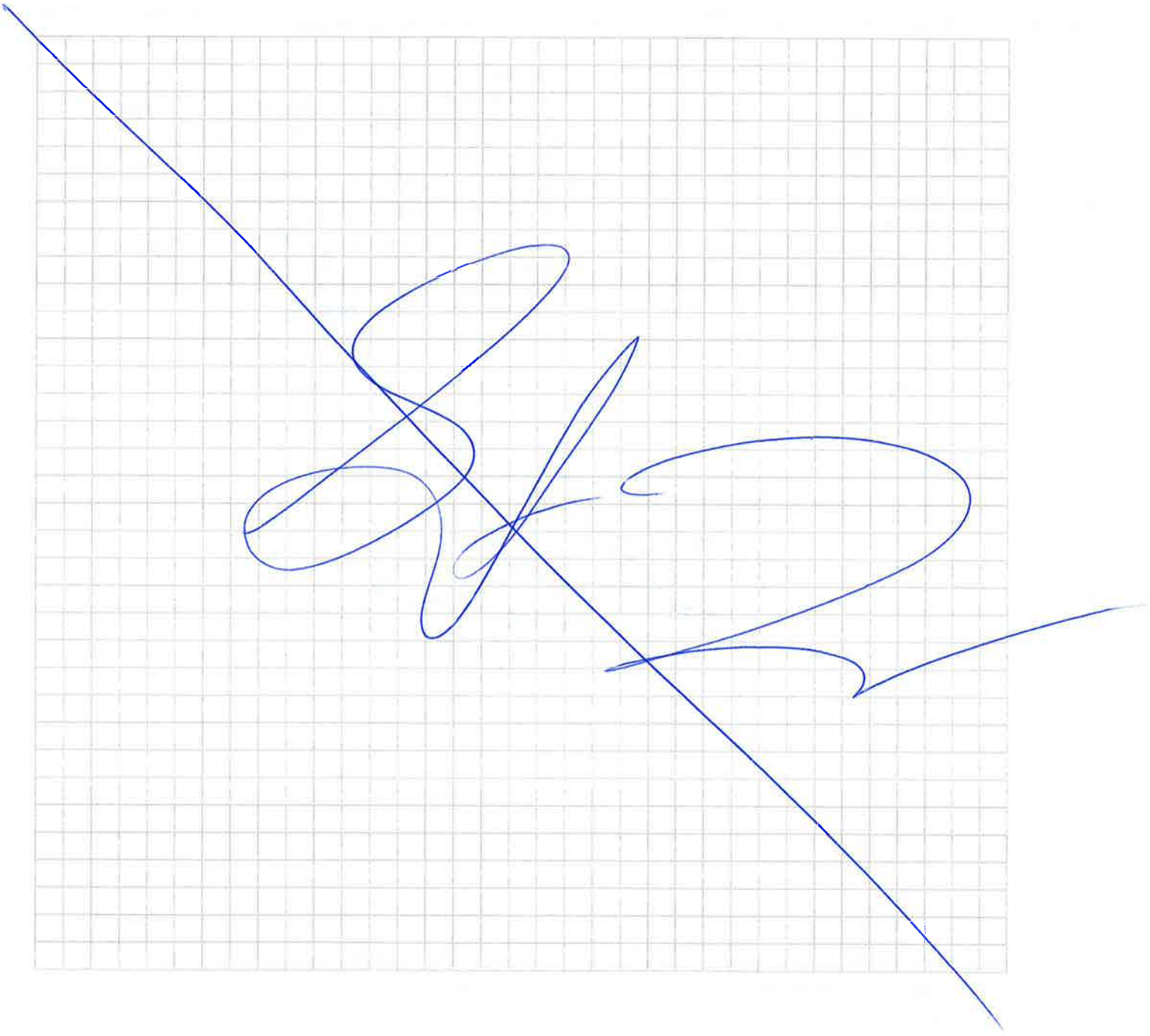


12. OUTDOOR PLOT

N/A

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: MINIRAE 3000

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
BATHROOM	AJAX BLEACH POWDER	1	OPEN(U)	CALCIUM CARBONATE BLEACH, ANIONIC SURFACTANT	0.0 ppm	Y
BATHROOM	CHASE - HOME SPRAY DISINFECTANT	1	OPEN(U)	DI BENZYL AMMONIUM CHLORIDE, ETHANOL	0.0 ppm	Y
REGISTER	FIRST FORCE PINE CLEANER	1	OPEN(U)	SODIUM XYLENESULFONATE ALCOHOL ETHOXYLATE ETHYLENE DIAMINE TETRAACETATE	0.1 ppm	Y
REGISTER	HOME-SELECT GLASS CLEANER	1	OPEN(U)	WATER, PROPANE, BUTANE 2-BUTOXYETHANOL, SODIUM LAURYL SULFATE, ALCOHOL AMMONIUM HYDROXIDE SODIUM BENZOATE	0.0 ppm	Y

* 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.

Table B-1 - Summary of VOC Detections in Indoor Air Sample IA-1
Dollar Store
New Paltz Plaza, New Paltz, NY
July 30, 2018

LOCATION		**IA-1**
SAMPLING DATE		**7/30/2018**
	Units	**Results**
Volatile Organics in Air		
Dichlorodifluoromethane	ug/m3	2.06
Chloromethane	ug/m3	1.58
Ethyl Alcohol	ug/m3	366
Acetone	ug/m3	276
iso-Propyl Alcohol	ug/m3	1450 D
Carbon disulfide	ug/m3	2.28
2-Butanone	ug/m3	7.49
Ethyl Acetate	ug/m3	12
Chloroform	ug/m3	1.25
1,2-Dichloroethane	ug/m3	27.6
n-Hexane	ug/m3	12.6
Benzene	ug/m3	4.73
Cyclohexane	ug/m3	3.21
Heptane	ug/m3	1.39
4-Methyl-2-pentanone	ug/m3	2.75
Toluene	ug/m3	15.6
Ethylbenzene	ug/m3	2.87
p/m-Xylene	ug/m3	4.43
Styrene	ug/m3	3.51
o-Xylene	ug/m3	2.55
1,4-Dichlorobenzene	ug/m3	7.46
Volatile Organics in Air by SIM		
1,1,1-Trichloroethane	ug/m3	0.147
Carbon tetrachloride	ug/m3	0.472
Trichloroethene	ug/m3	0.14
Tetrachloroethene	ug/m3	1.65

Notes:

$\mu g/m^3$ = Micrograms per cubic meter

D - indicates compound in the analysis are at the secondary dilution factor.

ANALYTICAL REPORT

Lab Number:	L1829581
Client:	Sterling Environmental Eng 24 Wade Road Latham, NY 12110
ATTN:	Stefan Truex
Phone:	(518) 456-4900
Project Name:	NEW PALTZ PLAZA
Project Number:	2014.45
Report Date:	08/08/18

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45

Lab Number: L1829581
Report Date: 08/08/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1829581-01	IA-1	AIR	NEW PALTZ, NY	07/30/18 19:50	07/31/18

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45

Lab Number: L1829581
Report Date: 08/08/18

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

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

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

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L1829581
Project Number:	2014.45	**Report Date:**	08/08/18

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on July 27, 2018. The canister certification results are provided as an addendum.

L1829581-01: The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 08/08/18

AIR

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45
Lab Number: L1829581
Report Date: 08/08/18

SAMPLE RESULTS

Lab ID: L1829581-01
Client ID: IA-1
Sample Location: NEW PALTZ, NY

Date Collected: 07/30/18 19:50
Date Received: 07/31/18
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/07/18 19:37
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.416	0.200	--	2.06	0.989	--		1
Chloromethane	0.765	0.200	--	1.58	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	194	5.00	--	366	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	116	1.00	--	276	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	426	0.500	--	1050	1.23	--	E	1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.731	0.200	--	2.28	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.54	0.500	--	7.49	1.47	--		1
Ethyl Acetate	3.32	0.500	--	12.0	1.80	--		1
Chloroform	0.256	0.200	--	1.25	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45
Lab Number: L1829581
Report Date: 08/08/18

SAMPLE RESULTS

Lab ID: L1829581-01
Client ID: IA-1
Sample Location: NEW PALTZ, NY

Date Collected: 07/30/18 19:50
Date Received: 07/31/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	6.83	0.200	--	27.6	0.809	--		1
n-Hexane	3.57	0.200	--	12.6	0.705	--		1
Benzene	1.48	0.200	--	4.73	0.639	--		1
Cyclohexane	0.933	0.200	--	3.21	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.340	0.200	--	1.39	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.671	0.500	--	2.75	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	4.14	0.200	--	15.6	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.660	0.200	--	2.87	0.869	--		1
p/m-Xylene	1.02	0.400	--	4.43	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.824	0.200	--	3.51	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.587	0.200	--	2.55	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45
Lab Number: L1829581
Report Date: 08/08/18

SAMPLE RESULTS

Lab ID: L1829581-01
Client ID: IA-1
Sample Location: NEW PALTZ, NY

Date Collected: 07/30/18 19:50
Date Received: 07/31/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	1.24	0.200	--	7.46	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	78		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	80		60-140

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45
Lab Number: L1829581
Report Date: 08/08/18

SAMPLE RESULTS

Lab ID: L1829581-01
Client ID: IA-1
Sample Location: NEW PALTZ, NY

Date Collected: 07/30/18 19:50
Date Received: 07/31/18
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/07/18 19:37
Analyst: RY

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.027	0.020	--	0.147	0.109	--		1
Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--		1
Trichloroethene	0.026	0.020	--	0.140	0.107	--		1
Tetrachloroethene	0.244	0.020	--	1.65	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	83		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	83		60-140

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45
Lab Number: L1829581
Report Date: 08/08/18

SAMPLE RESULTS

Lab ID: L1829581-01 D
Client ID: IA-1
Sample Location: NEW PALTZ, NY

Date Collected: 07/30/18 19:50
Date Received: 07/31/18
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/08/18 10:19
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
iso-Propyl Alcohol	591	2.50	--	1450	6.15	--		5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	60	Q	60-140
Bromochloromethane	66		60-140
chlorobenzene-d5	65		60-140

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45
Lab Number: L1829581
Report Date: 08/08/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/07/18 15:44

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1143830-4								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45
Lab Number: L1829581
Report Date: 08/08/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/07/18 15:44

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1143830-4								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45
Lab Number: L1829581
Report Date: 08/08/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/07/18 15:44

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1143830-4								
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45
Lab Number: L1829581
Report Date: 08/08/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/07/18 15:44

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1143830-4								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45
Lab Number: L1829581
Report Date: 08/08/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/07/18 15:44

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1143830-4								
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45
Lab Number: L1829581
Report Date: 08/08/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 08/07/18 15:44

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01 Batch: WG1143832-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethyl Alcohol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45
Lab Number: L1829581
Report Date: 08/08/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 08/07/18 15:44

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01 Batch: WG1143832-4								
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45
Lab Number: L1829581
Report Date: 08/08/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 08/07/18 15:44

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01 Batch: WG1143832-4								
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
1,2,3-Trichloropropane	ND	0.020	--	ND	0.121	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45
Lab Number: L1829581
Report Date: 08/08/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 08/07/18 15:44

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01 Batch: WG1143832-4								
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA

Project Number: 2014.45

Lab Number: L1829581

Report Date: 08/08/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1143830-3								
Chlorodifluoromethane	81		-		70-130	-		
Propylene	96		-		70-130	-		
Propane	80		-		70-130	-		
Dichlorodifluoromethane	88		-		70-130	-		
Chloromethane	89		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	88		-		70-130	-		
Methanol	92		-		70-130	-		
Vinyl chloride	88		-		70-130	-		
1,3-Butadiene	98		-		70-130	-		
Butane	86		-		70-130	-		
Bromomethane	83		-		70-130	-		
Chloroethane	86		-		70-130	-		
Ethyl Alcohol	94		-		70-130	-		
Dichlorofluoromethane	80		-		70-130	-		
Vinyl bromide	80		-		70-130	-		
Acrolein	84		-		70-130	-		
Acetone	86		-		70-130	-		
Acetonitrile	85		-		70-130	-		
Trichlorofluoromethane	86		-		70-130	-		
iso-Propyl Alcohol	80		-		70-130	-		
Acrylonitrile	87		-		70-130	-		
Pentane	83		-		70-130	-		
Ethyl ether	91		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA

Project Number: 2014.45

Lab Number: L1829581

Report Date: 08/08/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1143830-3								
1,1-Dichloroethene	90		-		70-130	-		
tert-Butyl Alcohol	87		-		70-130	-		
Methylene chloride	94		-		70-130	-		
3-Chloropropene	101		-		70-130	-		
Carbon disulfide	84		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	85		-		70-130	-		
trans-1,2-Dichloroethene	87		-		70-130	-		
1,1-Dichloroethane	88		-		70-130	-		
Methyl tert butyl ether	93		-		70-130	-		
Vinyl acetate	101		-		70-130	-		
2-Butanone	93		-		70-130	-		
cis-1,2-Dichloroethene	91		-		70-130	-		
Ethyl Acetate	94		-		70-130	-		
Chloroform	89		-		70-130	-		
Tetrahydrofuran	96		-		70-130	-		
2,2-Dichloropropane	82		-		70-130	-		
1,2-Dichloroethane	88		-		70-130	-		
n-Hexane	102		-		70-130	-		
Isopropyl Ether	87		-		70-130	-		
Ethyl-Tert-Butyl-Ether	90		-		70-130	-		
1,1,1-Trichloroethane	96		-		70-130	-		
1,1-Dichloropropene	91		-		70-130	-		
Benzene	92		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA

Project Number: 2014.45

Lab Number: L1829581

Report Date: 08/08/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1143830-3								
Carbon tetrachloride	92		-		70-130	-		
Cyclohexane	98		-		70-130	-		
Tertiary-Amyl Methyl Ether	86		-		70-130	-		
Dibromomethane	84		-		70-130	-		
1,2-Dichloropropane	94		-		70-130	-		
Bromodichloromethane	98		-		70-130	-		
1,4-Dioxane	92		-		70-130	-		
Trichloroethene	90		-		70-130	-		
2,2,4-Trimethylpentane	106		-		70-130	-		
Methyl Methacrylate	95		-		70-130	-		
Heptane	105		-		70-130	-		
cis-1,3-Dichloropropene	99		-		70-130	-		
4-Methyl-2-pentanone	106		-		70-130	-		
trans-1,3-Dichloropropene	87		-		70-130	-		
1,1,2-Trichloroethane	94		-		70-130	-		
Toluene	87		-		70-130	-		
1,3-Dichloropropane	81		-		70-130	-		
2-Hexanone	97		-		70-130	-		
Dibromochloromethane	90		-		70-130	-		
1,2-Dibromoethane	87		-		70-130	-		
Butyl Acetate	82		-		70-130	-		
Octane	81		-		70-130	-		
Tetrachloroethene	81		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA

Project Number: 2014.45

Lab Number: L1829581

Report Date: 08/08/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1143830-3								
1,1,1,2-Tetrachloroethane	80		-		70-130	-		
Chlorobenzene	85		-		70-130	-		
Ethylbenzene	90		-		70-130	-		
p/m-Xylene	90		-		70-130	-		
Bromoform	90		-		70-130	-		
Styrene	90		-		70-130	-		
1,1,2,2-Tetrachloroethane	94		-		70-130	-		
o-Xylene	95		-		70-130	-		
1,2,3-Trichloropropane	84		-		70-130	-		
Nonane (C9)	94		-		70-130	-		
Isopropylbenzene	88		-		70-130	-		
Bromobenzene	86		-		70-130	-		
o-Chlorotoluene	84		-		70-130	-		
n-Propylbenzene	86		-		70-130	-		
p-Chlorotoluene	86		-		70-130	-		
4-Ethyltoluene	93		-		70-130	-		
1,3,5-Trimethylbenzene	90		-		70-130	-		
tert-Butylbenzene	91		-		70-130	-		
1,2,4-Trimethylbenzene	100		-		70-130	-		
Decane (C10)	93		-		70-130	-		
Benzyl chloride	99		-		70-130	-		
1,3-Dichlorobenzene	92		-		70-130	-		
1,4-Dichlorobenzene	94		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45

Lab Number: L1829581
Report Date: 08/08/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1143830-3								
sec-Butylbenzene	92		-		70-130	-		
p-Isopropyltoluene	83		-		70-130	-		
1,2-Dichlorobenzene	92		-		70-130	-		
n-Butylbenzene	92		-		70-130	-		
1,2-Dibromo-3-chloropropane	86		-		70-130	-		
Undecane	99		-		70-130	-		
Dodecane (C12)	103		-		70-130	-		
1,2,4-Trichlorobenzene	92		-		70-130	-		
Naphthalene	87		-		70-130	-		
1,2,3-Trichlorobenzene	85		-		70-130	-		
Hexachlorobutadiene	91		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45

Lab Number: L1829581
Report Date: 08/08/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01 Batch: WG1143832-3								
Propylene	97		-		70-130	-		25
Dichlorodifluoromethane	92		-		70-130	-		25
Chloromethane	90		-		70-130	-		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	89		-		70-130	-		25
Vinyl chloride	90		-		70-130	-		25
1,3-Butadiene	96		-		70-130	-		25
Bromomethane	87		-		70-130	-		25
Chloroethane	84		-		70-130	-		25
Ethyl Alcohol	95		-		70-130	-		25
Vinyl bromide	84		-		70-130	-		25
Acetone	89		-		70-130	-		25
Trichlorofluoromethane	86		-		70-130	-		25
iso-Propyl Alcohol	85		-		70-130	-		25
Acrylonitrile	91		-		70-130	-		25
1,1-Dichloroethene	92		-		70-130	-		25
tert-Butyl Alcohol[1]	90		-		70-130	-		25
Methylene chloride	95		-		70-130	-		25
3-Chloropropene	107		-		70-130	-		25
Carbon disulfide	86		-		70-130	-		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	88		-		70-130	-		25
trans-1,2-Dichloroethene	91		-		70-130	-		25
1,1-Dichloroethane	91		-		70-130	-		25
Methyl tert butyl ether	97		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA

Project Number: 2014.45

Lab Number: L1829581

Report Date: 08/08/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01 Batch: WG1143832-3								
Vinyl acetate	108		-		70-130	-		25
2-Butanone	98		-		70-130	-		25
cis-1,2-Dichloroethene	93		-		70-130	-		25
Ethyl Acetate	97		-		70-130	-		25
Chloroform	91		-		70-130	-		25
Tetrahydrofuran	98		-		70-130	-		25
1,2-Dichloroethane	90		-		70-130	-		25
n-Hexane	103		-		70-130	-		25
1,1,1-Trichloroethane	95		-		70-130	-		25
Benzene	94		-		70-130	-		25
Carbon tetrachloride	95		-		70-130	-		25
Cyclohexane	104		-		70-130	-		25
Dibromomethane[1]	80		-		70-130	-		25
1,2-Dichloropropane	95		-		70-130	-		25
Bromodichloromethane	99		-		70-130	-		25
1,4-Dioxane	100		-		70-130	-		25
Trichloroethene	93		-		70-130	-		25
2,2,4-Trimethylpentane	110		-		70-130	-		25
cis-1,3-Dichloropropene	102		-		70-130	-		25
4-Methyl-2-pentanone	107		-		70-130	-		25
trans-1,3-Dichloropropene	89		-		70-130	-		25
1,1,2-Trichloroethane	95		-		70-130	-		25
Toluene	93		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45

Lab Number: L1829581
Report Date: 08/08/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01 Batch: WG1143832-3								
2-Hexanone	102		-		70-130	-		25
Dibromochloromethane	97		-		70-130	-		25
1,2-Dibromoethane	91		-		70-130	-		25
Tetrachloroethene	88		-		70-130	-		25
1,1,1,2-Tetrachloroethane	85		-		70-130	-		25
Chlorobenzene	92		-		70-130	-		25
Ethylbenzene	97		-		70-130	-		25
p/m-Xylene	98		-		70-130	-		25
Bromoform	95		-		70-130	-		25
Styrene	97		-		70-130	-		25
1,1,2,2-Tetrachloroethane	97		-		70-130	-		25
o-Xylene	100		-		70-130	-		25
1,2,3-Trichloropropane[1]	90		-		70-130	-		25
Isopropylbenzene	91		-		70-130	-		25
Bromobenzene[1]	92		-		70-130	-		25
4-Ethyltoluene	102		-		70-130	-		25
1,3,5-Trimethylbenzene	101		-		70-130	-		25
1,2,4-Trimethylbenzene	108		-		70-130	-		25
Benzyl chloride	100		-		70-130	-		25
1,3-Dichlorobenzene	98		-		70-130	-		25
1,4-Dichlorobenzene	98		-		70-130	-		25
sec-Butylbenzene	91		-		70-130	-		25
p-Isopropyltoluene	85		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45

Lab Number: L1829581
Report Date: 08/08/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01 Batch: WG1143832-3								
1,2-Dichlorobenzene	100		-		70-130	-		25
n-Butylbenzene	95		-		70-130	-		25
1,2,4-Trichlorobenzene	100		-		70-130	-		25
Naphthalene	97		-		70-130	-		25
1,2,3-Trichlorobenzene	95		-		70-130	-		25
Hexachlorobutadiene	111		-		70-130	-		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45

Lab Number: L1829581
Report Date: 08/08/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1143830-5 QC Sample: L1800008-57 Client ID: DUP Sample						
Vinyl chloride	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Acetone	9.72	9.53	ppbV	2		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	0.759	0.765	ppbV	1		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Chloroform	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45

Lab Number: L1829581
Report Date: 08/08/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1143830-5 QC Sample: L1800008-57 Client ID: DUP Sample						
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	1.10	1.11	ppbV	1		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	ND	ppbV	NC		25
p/m-Xylene	ND	ND	ppbV	NC		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Naphthalene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45

Lab Number: L1829581
Report Date: 08/08/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1143832-5 QC Sample: L1800008-58 Client ID: DUP Sample						
Vinyl chloride	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Acetone	8.00	8.02	ppbV	0		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	1.00	1.01	ppbV	1		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Chloroform	0.036	0.036	ppbV	0		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	0.147	0.151	ppbV	3		25
Carbon tetrachloride	0.066	0.068	ppbV	3		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45

Lab Number: L1829581
Report Date: 08/08/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1143832-5 QC Sample: L1800008-58 Client ID: DUP Sample						
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	0.899	0.919	ppbV	2		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	0.026	0.025	ppbV	4		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	0.085	0.088	ppbV	3		25
p/m-Xylene	0.281	0.288	ppbV	2		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	0.029	0.029	ppbV	0		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	0.114	0.118	ppbV	3		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Naphthalene	0.214	0.219	ppbV	2		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: NEW PALTZ PLAZA

Lab Number: L1829581

Project Number: 2014.45

Report Date: 08/08/18

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1829581-01	IA-1	0795	Flow 4	07/27/18	270882		-	-	-	Pass	6.7	6.9	3
L1829581-01	IA-1	1626	6.0L Can	07/27/18	270882	L1828288-02	Pass	-29.8	-8.3	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1828288
Report Date: 08/08/18

Air Canister Certification Results

Lab ID: L1828288-02
Client ID: CAN 2267 SHELF 49
Sample Location:

Date Collected: 07/23/18 16:00
Date Received: 07/24/18
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/24/18 09:44
Analyst: MB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1828288
Report Date: 08/08/18

Air Canister Certification Results

Lab ID: L1828288-02
Client ID: CAN 2267 SHELF 49
Sample Location:

Date Collected: 07/23/18 16:00
Date Received: 07/24/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1828288
Report Date: 08/08/18

Air Canister Certification Results

Lab ID: L1828288-02
Client ID: CAN 2267 SHELF 49
Sample Location:

Date Collected: 07/23/18 16:00
Date Received: 07/24/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1828288
Report Date: 08/08/18

Air Canister Certification Results

Lab ID: L1828288-02
Client ID: CAN 2267 SHELF 49
Sample Location:

Date Collected: 07/23/18 16:00
Date Received: 07/24/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1828288
Report Date: 08/08/18

Air Canister Certification Results

Lab ID: L1828288-02
Client ID: CAN 2267 SHELF 49
Sample Location:

Date Collected: 07/23/18 16:00
Date Received: 07/24/18
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								

	Results	**Qualifier**	**Units**	**RDL**	**Dilution Factor**
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	87		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	89		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1828288
Report Date: 08/08/18

Air Canister Certification Results

Lab ID: L1828288-02
Client ID: CAN 2267 SHELF 49
Sample Location:

Date Collected: 07/23/18 16:00
Date Received: 07/24/18
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/24/18 09:44
Analyst: MB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1828288
Report Date: 08/08/18

Air Canister Certification Results

Lab ID: L1828288-02
Client ID: CAN 2267 SHELF 49
Sample Location:

Date Collected: 07/23/18 16:00
Date Received: 07/24/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1828288
Report Date: 08/08/18

Air Canister Certification Results

Lab ID: L1828288-02
Client ID: CAN 2267 SHELF 49
Sample Location:

Date Collected: 07/23/18 16:00
Date Received: 07/24/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	88		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	87		60-140

Project Name: NEW PALTZ PLAZA
Project Number: 2014.45

Lab Number: L1829581
Report Date: 08/08/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1829581-01A	Canister - 6 Liter	N/A	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L1829581
Project Number:	2014.45	**Report Date:**	08/08/18

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample¿s toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

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

Terms

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

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

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

Report Format: Data Usability Report

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L1829581
Project Number:	2014.45	**Report Date:**	08/08/18

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

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

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

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

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

AIR ANALYSIS

ALPHA ANALYTICAL — CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 8/1/18

ALPHA Job #: L829581

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: STERLING ENVIRONMENTAL
Address: 24 WADE ROAD
LATHAM, NEW YORK 12110
Phone: 518-456-4900
Fax: 518-456-3532
Email: THOMAS.JOHNSON@STERLINGENVIRONMENTAL.COM
STEFAN.TRUEX@STERLINGENVIRONMENTAL.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: NEW PALTZ PLAZA
Project Location: NEW PALTZ, NY
Project #: 2014-45
Project Manager: CANDACE FOX
ALPHA Quote #: N/A

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: STANDARD TAT Time: N/A

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)
THOMAS JOHNSON
STEFAN TRUEX

Billing Information

☑ Same as Client info PO #: 2014-45

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: TO-15-SIM TO-15-LL

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM TO-15 LL	APH Subset Nonpetroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
29581.01	IA-1	7/30/18	904 AM	750 PM	-29.04	-8.33	AA	JT	6L	1626	0795	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: SUMMA CANISTER

Relinquished By:	Date/Time	Received By:	Date/Time:
	7/31/2018 1300		7-31-18 1300
	7-31-18 1510		07/31/18 1510
	0555		8/1/18 0555

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

APPENDIX C

SSDS Inspection Documentation

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, N.Y. 12110

SSDS INSPECTION FORM

PROJECT/PROJ. NO: New Paltz Plaza (2014-45) PAGE 1 of 1
CLIENT: New Paltz Plaza
INSPECTOR: A. Castigneth (STERLING) (AMC) DATE: 2/28/18
INSTRUMENT USED: n/f, onsite magnahelic gauges LAMP: n/a
MEASUREMENTS BY: AMC
TASK: Inspect Sub-Slab systems components.

Item	Liquor Store	Laundromat	Dry Cleaner	Peter Harris	PDQ Print	Jewlery Store	Bagle Shop	Dollar Store
System Fan	(5)	(1)	X	X	X	X	X	(5)
System Piping and Connections	X		X	X	X	X	X	X
Slab/System Interface Seals	X		X	X	X	X	X	X
Electrical Components	X		X	X	X	X	X	(6)
Pressure Gauges	X		X	X	X	(3)	X	(7)
Low Pressure Alarm	X		X	(2)	X	(4)	X	(8)
Pressure Differential Reading	-13.5		-21.0	-35.5	-2.5	-28.0	-13.0	0.0 (9)

X - No deficiencies observed.

NOTES: (1) SSDS access not provided, no attendee onsite to open room.
(2) audible alarm not operating when SSDS turned off and differential pressure is 0.01 inWC.
(3) magnahelic gauge doesn't rezero when fan unplugged.
(4) no electric observed with alarm. no indication of alarm operating (no visual ~~green~~)
(5) cannot observe fan due to located above ceiling tiles. Bring ladder next inspection.
(6) cannot locate fan and associated electrical.
(7) aqueous manometer reading "0.0 inWC" differential pressure. ~~disptugg~~ Disconnected tubing from piping to manometer, no pressure/suction observed in tubing.
(8) no alarm observed at location.
(9) no differential pressure observed. manometer appeared clogged.

STERLING
Sterling Environmental Engineering, P.C.

DAILY FIELD REPORT

Project Name: NEW PALTZ PLAZA
Project No: 2014-45
Client Name: NEW PALTZ PLAZA
Date: ~~7/30/2018~~ → 8/7/2018
Location: 22 NEW PALTZ PLAZA (JUST A DOLLAR)
Personnel: STEFAN TRUEX (ST)
Weather: MOSTLY SUNNY, 80s °F (WORK IS INDOORS)

Work Description: 13:05 ST ONSITE
13:30 ST INSPECTS ALL SSDS SYSTEM COMPONENTS (SEE ATTACHED PAGE), SYSTEM IS OK, NO ISSUES NOTED.
13:50 ST OFFSITE, MOB TO OFFICE

Signature: [signature]

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, N.Y. 12110

SSDS INSPECTION FORM

PROJECT/PROJ. NO: NEW PALTZ PLAZA (2014-45) PAGE 1 OF 1
CLIENT: NEW PALTZ PLAZA
INSPECTOR: STEFAN TRUEX (STERLING) DATE: ~~8/3/2018 (FRIDAY)~~ 8/7/2018 (TUESDAY)
INSTRUMENT USED: MINIRAE 3000 PHOTOIONIZATION DETECTOR
MEASUREMENTS BY: STEFAN TRUEX (STERLING)
TASK: SSDS SYSTEM INSPECTION

Item	Dollar Store (Just A Dollar) - 22 NEW PALTZ PLAZA
System Fan	OK, FUNCTIONAL ✓
System Piping and Connections	OK, TIGHT ✓
Slab/System Interface Seals	OK, TIGHT ✓
Electrical Components	0.65 .1 WC/DIV ✓
Pressure Gauges	OK ✓
Low Pressure Alarm	UNPLUGGED FAN, ALARM SOUNDS, RESTART SYSTEM, OK ✓
Pressure Differential Reading	0.65

NOTES: SSDS SYSTEM IS FUNCTIONING PROPERLY

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, N.Y. 12110

SSDS INSPECTION FORM

PROJECT/PROJ. NO: New Paltz Plaza, 2014-45 PAGE 1 of 1
CLIENT: New Paltz Plaza
INSPECTOR: A. Castignetti (Sterling), Kevin DATE: 4/19/18
INSTRUMENT USED: n/a, LAMP: —
MEASUREMENTS BY: AMC
TASK: Inspect SSDS Components at Dollar Store, Liquor Store and Laundromat.

Item	Liquor Store	Laundromat	Dry Cleaner	Peter Harris	PDQ Print	Jewlery Store	Bagle Shop	Dollar Store
System Fan	X	X	n/a	n/a	n/a	n/a	n/a	②
System Piping and Connections	n/a	X	↓	↓	↓	↓	↓	n/a ↓
Slab/System Interface Seals	↓	①	↓	↓	↓	↓	↓	③
Electrical Components	↓	↓	↓	↓	↓	↓	↓	④
Pressure Gauges	↓	↓	↓	↓	↓	↓	↓	⑤
Low Pressure Alarm	↓	↓	↓	↓	↓	↓	↓	⑥ 0.0
Pressure Differential Reading	↓	↓	↓	↓	↓	↓	↓	↓

X - No deficiencies observed.

NOTES: ① Access to SSDS unaccessible due to no attendant onsite. Exhaust fan and piping were observed above ceiling tiles and operating.
②, ③, ⑤ Power was observed at electrical box. However, no power was observed to reach electrical components and outlet where alarm and fan plugged in.
④, ⑥ Manometer was reading '0' pressure differential.

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, N.Y. 12110

SSDS INSPECTION FORM

PROJECT/PROJ. NO: New Paltz Plaza, 2014-45 PAGE 1 of 1
CLIENT: New Paltz Plaza
INSPECTOR: A. Castignetti, T. Johnson (Sterling) DATE: 4/9/18
INSTRUMENT USED: n/a, onsite manometers LAMP: —
MEASUREMENTS BY: AMC/TMJ
TASK: Inspect SSDS components @ Dollar Store, Liquor Store and Landromat

Item	Liquor Store *	Laundromat	Dry Cleaner	Peter Harris	PDQ Print	Jewlery Store	Bagle Shop	Dollar Store
System Fan	(1)	(2)	n/a	n/a	n/a	n/a	n/a	(3)
System Piping and Connections	n/a	↓	↓	↓	↓	↓	↓	n/a
Slab/System Interface Seals	↓	↓	↓	↓	↓	↓	↓	↓
Electrical Components	↓	↓	↓	↓	↓	↓	↓	(4)
Pressure Gauges	↓	↓	↓	↓	↓	↓	↓	(5)
Low Pressure Alarm	↓	↓	↓	↓	↓	↓	↓	(6)
Pressure Differential Reading	↓	↓	↓	↓	↓	↓	↓	0.0 (7)

na - not inspected this event.
X - No deficiencies observed.

NOTES: * owner would like to be contacted before inspection of SSDS. Ladder needed to inspect next visit.
(1) System fan located above ceiling tile. Need ladder for next inspection.
(2) SSDS not accessible due to no attendent onsite. Need ladder for next inspection.
(3),(4),(6) - Electrical not observed to be provided to system. TMJ/AMC found electrical box, turned switch to "on", no power observed. Fan was unplugged, but not operating.
(6) Alarm was unplugged. Alarm was plugged in, but no power observed.
(5),(7) Manometer was reading '0' pressure differential.

*Email was sent to Mr. Peter Kempner (property owner) regarding issues encountered during inspection @ 610pm, 4/9/18.

APPENDIX D

Historical Groundwater Analytical Results for Abandoned Wells

Well MW-1
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	12/91	9/94	2/21/1996	3/7/1996	3/19/1996	2/7/1997	1/20/1998	5/14/1998	8/27/1998	12/4/1998	2/26/1999	8/2/2001
Halogenated Volatile Organics												
Vinyl Chloride	<10.0	U	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.81J
cis-1,2-Dichloroethene	<5.0	5.5	<1.0	<1.0	<1.0	7.7	4.0	5.0	6.1	2.5	1.7	0.92J
Trichloroethene	16.0	7.1	<1.0	<1.0	<1.0	9.3	5.0	7.1	15	3.9	2.8	4.3
Tetrachloroethene	65	39	<1.0	1.1	2.6	57	28	38	62	23	19	12
Methylene Chloride	<5.0	NR	<1.0	U	U	<1.0	<1.0	<1.0	2	<1.0	<1.0	<1.0
TOTAL VOCs	**81.0**	**51.6**	**ND**	**1.1**	**2.6**	**74.0**	**37.0**	**50.1**	**85.1**	**29.4**	**23.5**	**18.0**

	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003	8/18/2004	8/30/2005	8/31/2006	8/30/2007	9/25/2008	6/10/2009	6/9/2011
Halogenated Volatile Organics												
Vinyl Chloride	0.99J	0.60J	1.8	2.5	2.8	<1.0	1.4	<1.0	<5.0	<5.0	<10.0	<5.0
cis-1,2-Dichloroethene	<1.0	1.1	4	1.0J	2.8	2	2.7	5.0J	<5.0	<5.0	<5.0	<5.0
Trichloroethene	1.9	2.2	8.7	2.8	6.9	4.6	5.3	5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	3.2	7.6	21	1	10	9.9	14	18	<5.0	<5.0	<5.0	<5.0
Methylene Chloride	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<9.0	<5.0	<5.0	<5.0	2.6J,B
TOTAL VOCs	**5.1**	**10.9**	**35.5**	**7.3**	**22.5**	**16.5**	**23.4**	**28.0**	**ND**	**ND**	**ND**	**2.6**

	4/3/2013
Halogenated Volatile Organics	
Vinyl Chloride	<1.0
cis-1,2-Dichloroethene	1.1 J
Trichloroethene	1.9
Tetrachloroethene	3.8
Methylene Chloride	<2.5
TOTAL VOCs	**6.8**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. U = Indicates the compound was analyzed, but not detected.
3. J = Indicates an estimated value less than the lowest standard.
4. NR = result not reported for indicated compound.
5. All results are in micrograms per liter (ug/l, ppb).
6. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
7. B = Indicates the compound was detected in the field blank sample or associated batch blank.

Well MW-3
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	12/91	9/94	2/5/1996	3/7/1996	3/19/1996	2/7/1997	1/20/1998	5/14/1998	8/27/1998	12/4/1998	2/26/1999	8/2/2001	11/6/2001
Halogenated Volatile Organics													
Vinyl Chloride	<10.0	U	1.8	1.4	2.2	<1.0	1	<1.0	<1.0	<1.0	<1.0	<1.0	0.69J
cis-1,2-Dichloroethene	<5.0	10	7.0	7.9	12	3.8	7.0	7.2	11	10	6.4	12	9.3
1,1,1-Trichloroethane	<5.0	U	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	3.0	<5.0	<1.0	<1.0	<1.0	<1.0	0.8J	0.8J	1.2	1.2	0.7J	1.1	1.1
Tetrachloroethene	15	<5.0	2.9	<1.0	8.6	0.5	0.7J	0.6J	1J	0.7J	0.5J	0.77J	<1.0
Aromatic Volatile Organics													
sec-Butylbenzene	NA	NA	NA	NA	NA	NA	<1.0	1.0	<1.0	<1.0	0.7J	<1.0	<1.0
Benzene	<5.0	U	<0.5	NA	NA	NA	<1.0	<1.0	<1.0	0.5J	<1.0	<1.0	<1.0
TOTAL VOCs	**18**	**10**	**11.7**	**9.3**	**22.8**	**4.3**	**9.5**	**9.6**	**13.2**	**11.9**	**8.3**	**0.8**	**11.09**

	2/19/2002	5/15/2002	8/15/2002	8/21/2003	HRC Injection; November 2003	5/19/2004	8/18/2004	11/16/2004	2/21/2005	8/30/2005	8/30/2005 (DUP)	8/31/2006	HRC Injection; September 2006
Halogenated Volatile Organics													
Vinyl Chloride	<1.0	1.2	<1.0	1.7		1.8	2.9	3.0	2.0	2	1.4	1.0J	
cis-1,2-Dichloroethene	6.1	6.4	17	12		7.9	12	7.2	4.5	9.8	9.6	5.0	
1,1,1-Trichloroethane	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Trichloroethene	0.78J	0.7J	1.2	1.2		1.4	1.3	1.0	0.56J	1.0	0.97J	<1.0	
Tetrachloroethene	<1.0	<1.0	0.7J	<1.0		0.6J	0.6J	0.6J	<1.0	<1.0	<1.0	<1.0	
Aromatic Volatile Organics													
sec-Butylbenzene	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Benzene	<1.0	0.6J	0.9J	<1.0		0.6J,B	<1.0	<1.0	<1.0	<1.0	0.53J	<1.0	
TOTAL VOCs	**6.9**	**8.3**	**19.8**	**14.9**		**12.3**	**16.8**	**11.8**	**7.06**	**12.8**	**12.5**	**6.0**	

Notes:

1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. U = Indicates the compound was analyzed, but not detected.
3. J = Indicates an estimated value less than the lowest standard.
4. NA = Sample not analyzed for the indicated compound.
5. All results are in micrograms per liter (ug/l, ppb).
6. B = Indicates the compound was detected in the field blank sample.
7. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
8. MW-3 was not sampled on 12/14/06,3/28/07, 6/21/07, 8/30/07, 3/7/08, 9/25/08, 6/10/09, and 6/9/2011 due to the presence of HRC in the well. MW-3 was not sampled on 4/3/2013 due to blockage at a depth of 4 ft. (to be assesed during next sampling event)

TABLE 5

Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

Halogenated Volatile Organics	12/91	9/94	02/05/96	03/07/96	03/19/96	02/07/97	01/20/98	05/14/98	(Dup) 05/14/98	08/27/98	12/04/98	02/26/99	8/2/2001
Vinyl Chloride	<10.0	U	10	<2.0	<5.0	2.2	39	5.5	5.7	70	43	17	14
cis-1,2-Dichloroethene	<5.0	36	240	46	220	120	120E	88	87	310	220	120	130
1,1,1-Trichloroethane	<5.0	U	<10.0	<2.0	<5.0	6.8	0.8J	<1.0	<1.0	2.6	1.1	<1.0	0.84J
Trichloroethene	8.0	18	32	10	26	24	35	30	31	48	46	25	27
Tetrachloroethene	178	200	310	110	290	88	210	190	180	230	210	130	130
Chloroethane	<10.0	U	<10.0	U	U	<1	2.0	<1.0	<1.0	2.6	6.3	2.0	<1.0
1, 1-Dichloroethene	<5.0	U	<10.0	U	U	<1	<1.0	<1.0	<1.0	0.6J	<1.0	<1.0	<1.0
trans 1,2-Dichloroethene	<5.0	U	<10.0	U	U	<1	<1.0	<1.0	<1.0	0.9J	0.8J	0.5J	0.83J
Chloroform	<5.0	U	<10.0	U	U	<1	<1.0	<1.0	<1.0	<1.0	<1.0	0.6J	0.94J
TOTAL VOCs	**186.0**	**254**	**592**	**166**	**536**	**241.0**	**286.8**	**313.5**	**303.7**	**663.2**	**527.2**	**295.1**	**303.6**

	11/6/2001	2/19/2002	(Dup) 2/19/2002	5/15/2002	(Dup) 5/15/2002	8/15/2002	8/21/2003	(Dup) 8/21/2003	8/18/2004	(Dup) 8/18/2004	8/30/2005	8/31/2006	8/30/2007
Vinyl Chloride	31	28	28	5.5	5.1	36	6.1	6.5	8.0	6.3	24	1.0J	27
cis-1,2-Dichloroethene	140	88	80	28	28	150	55	61	66	60	140	23	110
1,1,1-Trichloroethane	1.4	0.79J	0.71J	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
Trichloroethene	39	25	23	14	14	40	29	31	29	25	23	8.0	23.0
Tetrachloroethene	180	110	120	86	88	170	130	160	170	170	90	67	110
Chloroethane	4.4	6.7	6.2	1.7	1.6	9.9	<1.0	1.4	<1.0	1.4	4.5	<1.0	<5.0
1, 1-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
trans 1,2-Dichloroethene	1.2	0.68J	0.65J	<1.0	<1.0	1.4	0.7J	0.8J	0.7J	0.6J	<1.0	<1.0	<5.0
Chloroform	1.1	0.78J	0.69J	0.9J	0.9J	1.2	1.0J	1.1	0.9J	<1.0	<1.0	<1.0	<5.0
TOTAL VOCs	**398.1**	**260.0**	**259.3**	**136.1**	**137.6**	**409.7**	**221.8**	**261.8**	**274.6**	**263.3**	**281.5**	**99.0**	**270.0**

	9/25/2008	6/10/2009	6/9/2011	4/3/2013
Vinyl Chloride	21	<10.0	1.2J	<1.0
cis-1,2-Dichloroethene	98	<5.0	26	13
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<2.5
Trichloroethene	15	<5.0	5.8	4.5
Tetrachloroethene	67	6.6	58	41
Chloroethane	<5.0	<10.0	<5.0	<2.5
1, 1-Dichloroethene	<5.0	<5.0	<5.0	<0.5
trans 1,2-Dichloroethene	<5.0	<5.0	<5.0	<2.5
Chloroform	<5.0	<5.0	<5.0	<2.5
TOTAL VOCs	**201**	**6.6**	**91.0**	**58.5**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. U = Indicates the compound was analyzed, but not detected.
3. J = Indicates an estimated value less than the lowest standard.
4. E = Indicates an estimated value greater than the highest standard.
5. All results are in micrograms per liter (ug/l, ppb).
6. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

Well MW-6
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	1/20/1998	5/14/1998	8/26/1998	12/3/1998	2/25/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003	HRC Injection; November 2003	5/19/2004
Halogenated Volatile Organics													
Vinyl Chloride	5.0	1.4	12	3.6	12	13	24	2.5	<1.0	7.9	1.2		13
cis-1,2-Dichloroethene	35	24	91	76	66	85	460	89	21	83	19		75
Trichloroethene	14	7.9	24	20	8.4	12	96	34	8.9	13	5.6		2.9
Tetrachloroethene	41	46	53	42	23	26	56	29	19	24	20		4.5
Chloroethane	<1.0	<1.0	3.4	1.2	<1.0	<1.0	5.3	<1.0	<1.0	<1.0	<1.0		<1.0
trans-1,2-Dichloroethene	<1.0	<1.0	1.1	1.0	1.0	0.94J	3.6	<1.0	<1.0	<1.0	<1.0		1.6
1,1 Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0		<1.0
Aromatic Volatile Organics													
Benzene	<1.0	<1.0	0.6J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0
sec-Butylbenzene	<1.0	<1.0	1.3	<1.0	<1.0	0.7J	1.1	<1.0	<1.0	1.0	<1.0		<1.0
TOTAL VOCs	**95**	**79.3**	**186.4**	**143.8**	**110.4**	**1.6**	**647.2**	**154.5**	**48.9**	**128.9**	**45.8**		**97.0**

	8/18/2004	11/16/2004	2/21/2005	8/30/2005	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007	8/30/2007	3/7/2008	9/25/2008	6/10/2009
Halogenated Volatile Organics													
Vinyl Chloride	8.8	17	23	84	<1.0		1.0J	<5.0	<5.0	<5.0	6	10	<10
cis-1,2-Dichloroethene	11	25	37	470	7.0		2.0J	<5.0	<5.0	<5.0	<5.0	9	<5.0
Trichloroethene	1.9	1.3	1.3	3.7	1.0J		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	4.9	1.1	1.0	2.3	2.0J		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	<1.0	1.3	0.55J	3.8	<1.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
trans-1,2-Dichloroethene	<1.0	0.88J	0.77J	3.7	<1.0		NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1 Dichloroethene	<1.0	<1.0	<1.0	0.77J	<1.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Aromatic Volatile Organics													
Benzene	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	<1.0	<1.0	0.51J	<1.0	<1.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
TOTAL VOCs	**26.6**	**46.6**	**64.1**	**568.3**	**10.0**		**3.0**	**ND**	**ND**	**ND**	**6**	**19**	**ND**

	6/9/2011	4/3/2013
Halogenated Volatile Organics		
Vinyl Chloride	15	1.8
cis-1,2-Dichloroethene	38	7.2
Trichloroethene	<5.0	0.47 J
Tetrachloroethene	<5.0	1.0
Chloroethane	<5.0	<2.5
trans-1,2-Dichloroethene	<5.0	<2.5
1,1 Dichloroethene	<5.0	<0.5
Aromatic Volatile Organics		
Benzene	<5.0	<0.5
sec-Butylbenzene	<5.0	<2.5
TOTAL VOCs	53	10.47

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. J= Indicates an estimated value less than the lowest standard.
3. All results are in micrograms per liter (ug/l, ppb).
4. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

Well MW-7
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	1/20/1998	5/14/1998	8/26/1998	12/4/1998	2/26/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003
Halogenated Volatile Organics											
Vinyl Chloride	4.0	1.4	4.3	3.6	<1.0	1.6	2.2	0.69J	0.6J	1.3	1.2
cis-1,2-Dichloroethene	32	28	58	43	24	18	22	13	8.2	16	12
Trichloroethene	18	20	27	23	17	16	17	11	11	14	15
Tetrachloroethene	93	110	160	130	98	88	98	72	48	68	57
TOTAL VOCs	**147**	**159.4**	**249.3**	**199.6**	**139**	**123.6**	**139.2**	**96.7**	**67.8**	**99.3**	**85.2**

	8/18/2004	8/30/2005	8/31/2006	8/30/2007	9/25/2008	6/10/2009	6/9/2011	4/3/2013
Halogenated Volatile Organics								
Vinyl Chloride	0.9J	<1.0	<1.0	<5.0	<5.0	<10	<5.0	1.1
cis-1,2-Dichloroethene	12	12	4.0J	27	24	<5.0	8.8	2.0 J
Trichloroethene	13	10	4.0J	6	5	<5.0	2.9J	0.79
Tetrachloroethene	63	63	18	10	7	<5.0	5.0	0.96
TOTAL VOCs	**88.9**	**85**	**26.0**	**43.0**	**36.0**	**ND**	**16.7**	**4.85**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. All results are in micrograms per liter (ug/l, ppb).
3. J= Indicates an estimated value less than the lowest standard.
4. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

Well MW-8
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	1/20/1998	5/13/1998	8/26/1998	12/3/1998	12/3/1998 (Dup)	2/25/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002
Halogenated Volatile Organics											
Vinyl Chloride	2.0	6.0	2.2	1.1	1.2	<1.0	<1.0	<1.0	<1.0	0.8J	<1.0
cis-1,2-Dichloroethene	3.0	7.4	9.4	6.1	6.2	2.3	6.1	6.4	3.6	4.3	7.0
Trichloroethene	0.8J	<1.0	3.3	2.2	2.4	0.9J	2.7	3.0	1.8	1.5	1.8
Tetrachloroethene	2.0	<1.0	20	9.9	10.0	<1.0	19	18	10	7.0	7.0
Methylene Chloride	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TOTAL VOCs	**7.8**	**13.4**	**35.9**	**19.3**	**19.8**	**3.2**	**27.8**	**27.4**	**15.4**	**12.8**	**15.8**

	8/21/2003	8/18/2004	8/30/2005
Halogenated Volatile Organics			
Vinyl Chloride	0.8J	<1.0	<1.0
cis-1,2-Dichloroethene	7.0	8.0	2.3
Trichloroethene	1.1	2.4	1.4
Tetrachloroethene	3.2	14	9.8
Methylene Chloride	<1.0	<1.0	<1.0
TOTAL VOCs	**12.1**	**24.4**	**13.5**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. All results are in micrograms per liter (ug/l, ppb).
4. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

Well MW-12
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

Halogenated Volatile Organics	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007	8/30/2007	3/7/2008	9/25/2008	6/10/2009	6/9/2011	4/3/2013
Vinyl Chloride	5.0 J		5.0	<5.0	<5.0	56	5	<50	<20	4.8J	<1.0
trans-1,2-Dichloroethene	1.0 J		3.0 J	<5.0	<5.0	<5.0	<5.0	<50	<10	1.1J	<2.5
cis-1,2-Dichloroethene	230		580	400	670	850	24	620	380	170	39
Trichloroethene	80		81	34	43	48	21	<50	42	23	3.5
Tetrachloroethene	510		170	120	140	140	65	97	140	78	7.5
Methylene Chloride	<14		2JB	<5.0	<5.0	<5.0	<5.0	<50	<10	2.5J,B	<2.5
1,1-Dichloroethene	<5.0		1.0J	<5.0	<5.0	<5.0	<5.0	<50	<10	<5.0	<0.5
TOTAL VOCs	**826**		**840**	**554**	**853**	**1,038**	**110**	**717**	**562**	**279.4**	**50**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
3. All results are in micrograms per liter (ug/l, ppb).
4. B = Indicates the compound was detected in the field blank sample or associated analysis batch blank.

Well BR-1
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	1/20/1998	5/14/1998	8/26/1998	12/3/1998	2/26/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003
Halogenated Volatile Organics											
Vinyl Chloride	4.0	1.5	0.9J	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	20	11	9.6	11	6.6	3.4	3.9	2.5	3.4	3.8	3.5
Trichloroethene	2.0	0.8J	<1.0	0.7J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	12	5.0	1.9	4.0	2.6	1.2	0.90J	0.74J	1.5	1.7	1.8
TOTAL VOCs	**38**	**18.3**	**12.4**	**16.8**	**9.2**	**4.6**	**4.8**	**3.2**	**4.9**	**5.5**	**5.3**

	8/18/2004	8/30/2005	8/31/2006	8/30/2007	9/25/2008	6/10/2009	6/9/2011	4/3/2013
Halogenated Volatile Organics								
Vinyl Chloride	<1.0	<1.0	<1.0	<5.0	<5.0	<10	<5.0	<1.0
cis-1,2-Dichloroethene	2.5	3.2	1.0 J	6	6	5.9	1.4J	1.8 J
Trichloroethene	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	0.18 J
Tetrachloroethene	1.4	2.2	1.0 J	<5.0	<5.0	<5.0	<5.0	1.2
TOTAL VOCs	**3.9**	**5.4**	**2.0**	**6.0**	**6.0**	**5.9**	**1.4**	**1.98**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. All results are in micrograms per liter (ug/l, ppb).
4. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

Well BR-3
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	1/20/1998	5/14/1998	8/26/1998	12/3/1998	2/25/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002
Halogenated Volatile Organics										
Vinyl Chloride	<1.0	<1.0	<1.0	1.6	<1.0	1.8	2.9	1.2	0.7J	2.6
cis-1,2-Dichloroethene	<1.0	4.2	8.3	26	15	54	100	32	16	91
Trichloroethene	<1.0	<1.0	<1.0	1.9	0.8J	6.7	19	3.2	2.0	12
Tetrachloroethene	0.6J	3.0	2.5	18	7.7	46	120	20	13	70
Methylene Chloride	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.76J	<1.0	<1.0	<1.0
TOTAL VOCs	**0.6**	**7.2**	**12.0**	**47.5**	**23.5**	**108.5**	**242.7**	**56.4**	**31.7**	**175.6**

Notes:

Well BR-3 was abandoned on August 21, 2003 in accordance with the NYSDEC-approved Contingency Plan Addendum dated October 3, 20

1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. All results are in micrograms per liter (ug/l, ppb).

Well BR-4
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003	8/18/2004	2/21/2005	8/30/2005	8/31/2006	8/30/2007	9/25/2008	6/10/2009
Halogenated Volatile Organics												
Vinyl Chloride	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<10
cis-1,2-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	11
Trichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0
Tetrachloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0
Aromatic Volatile Organics												
MTBE	NA	NA	<1.0	NA	NA	NA	NA	NA	<1.0	<5.0	<5.0	<5.0
TOTAL VOCs	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11**

	6/9/2011	(DUP) 6/9/2011	4/3/2013
Halogenated Volatile Organics			
Vinyl Chloride	<5.0	<5.0	<1.0
cis-1,2-Dichloroethene	<5.0	<5.0	<2.5
Trichloroethene	<5.0	<5.0	<0.5
Tetrachloroethene	<5.0	<5.0	<0.5
Aromatic Volatile Organics			
MTBE	<5.0	<5.0	<2.5
TOTAL VOCs	**ND**	**ND**	**ND**

Notes:
1. J = Indicates an estimated value less than the lowest standard.
2. All results are in micrograms per liter (ug/l, ppb).
3. NA = Compound not analyzed.
4. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

APPENDIX E

Laboratory Report for September 5, 2017 Groundwater Samples

ANALYTICAL REPORT

Lab Number:	L1731390
Client:	Sterling Environmental Eng 24 Wade Road Latham, NY 12110
ATTN:	Tom Johnson
Phone:	(518) 456-4900
Project Name:	NEW PALTZ PLAZA
Project Number:	2014-45
Report Date:	09/13/17

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

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

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L1731390
Report Date: 09/13/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1731390-01	MW-2	WATER	NEW PALTZ, NY	09/05/17 14:20	09/06/17
L1731390-02	MW-9	WATER	NEW PALTZ, NY	09/05/17 16:15	09/06/17
L1731390-03	MW-10	WATER	NEW PALTZ, NY	09/05/17 17:00	09/06/17
L1731390-04	MW-11	WATER	NEW PALTZ, NY	09/05/17 17:40	09/06/17
L1731390-05	BR-2	WATER	NEW PALTZ, NY	09/05/17 15:20	09/06/17
L1731390-06	TRIP BLANK	WATER	NEW PALTZ, NY	08/31/17 00:00	09/06/17

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L1731390
Report Date: 09/13/17

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

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

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

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L1731390
Project Number:	2014-45	**Report Date:**	09/13/17

Case Narrative (continued)

Report Submission

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

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

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 09/13/17

ORGANICS

VOLATILES

Project Name: NEW PALTZ PLAZA **Lab Number:** L1731390

Project Number: 2014-45 **Report Date:** 09/13/17

SAMPLE RESULTS

Lab ID: L1731390-01 D
Client ID: MW-2
Sample Location: NEW PALTZ, NY

Date Collected: 09/05/17 14:20
Date Received: 09/06/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/12/17 22:52
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	65		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	ND		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	470		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	3.7	J	ug/l	10	3.4	20
trans-1,2-Dichloroethene	24	J	ug/l	50	14.	20
Trichloroethene	41		ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20

Project Name: NEW PALTZ PLAZA **Lab Number:** L1731390

Project Number: 2014-45 **Report Date:** 09/13/17

SAMPLE RESULTS

Lab ID: L1731390-01 D Date Collected: 09/05/17 14:20

Client ID: MW-2 Date Received: 09/06/17

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	50	14.	20
p/m-Xylene	ND		ug/l	50	14.	20
o-Xylene	ND		ug/l	50	14.	20
cis-1,2-Dichloroethene	1900		ug/l	50	14.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Isopropylbenzene	ND		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
Methyl Acetate	ND		ug/l	40	4.7	20
Cyclohexane	ND		ug/l	200	5.4	20
1,4-Dioxane	ND		ug/l	5000	1200	20
Freon-113	ND		ug/l	50	14.	20
Methyl cyclohexane	ND		ug/l	200	7.9	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	111		70-130

Project Name: NEW PALTZ PLAZA **Lab Number:** L1731390

Project Number: 2014-45 **Report Date:** 09/13/17

SAMPLE RESULTS

Lab ID: L1731390-02 D
Client ID: MW-9
Sample Location: NEW PALTZ, NY

Date Collected: 09/05/17 16:15
Date Received: 09/06/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/12/17 22:17
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	53		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	ND		ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	ND		ug/l	1.0	0.32	2
Toluene	ND		ug/l	5.0	1.4	2
Ethylbenzene	ND		ug/l	5.0	1.4	2
Chloromethane	ND		ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	27		ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
Trichloroethene	14		ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2

Project Name: NEW PALTZ PLAZA **Lab Number:** L1731390

Project Number: 2014-45 **Report Date:** 09/13/17

SAMPLE RESULTS

Lab ID: L1731390-02 D Date Collected: 09/05/17 16:15

Client ID: MW-9 Date Received: 09/06/17

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	5.0	1.4	2
p/m-Xylene	ND		ug/l	5.0	1.4	2
o-Xylene	ND		ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	180		ug/l	5.0	1.4	2
Styrene	ND		ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	ND		ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	ND		ug/l	10	3.9	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Isopropylbenzene	ND		ug/l	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl Acetate	ND		ug/l	4.0	0.47	2
Cyclohexane	ND		ug/l	20	0.54	2
1,4-Dioxane	ND		ug/l	500	120	2
Freon-113	ND		ug/l	5.0	1.4	2
Methyl cyclohexane	ND		ug/l	20	0.79	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	106		70-130

Project Name: NEW PALTZ PLAZA
Lab Number: L1731390
Project Number: 2014-45
Report Date: 09/13/17

SAMPLE RESULTS

Lab ID: L1731390-03
Client ID: MW-10
Sample Location: NEW PALTZ, NY

Date Collected: 09/05/17 17:00
Date Received: 09/06/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/12/17 21:06
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	16		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.43	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	4.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L1731390

Project Number: 2014-45 **Report Date:** 09/13/17

SAMPLE RESULTS

Lab ID: L1731390-03 Date Collected: 09/05/17 17:00

Client ID: MW-10 Date Received: 09/06/17

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	31		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	109		70-130

Project Name: NEW PALTZ PLAZA **Lab Number:** L1731390

Project Number: 2014-45 **Report Date:** 09/13/17

SAMPLE RESULTS

Lab ID: L1731390-04 D
Client ID: MW-11
Sample Location: NEW PALTZ, NY

Date Collected: 09/05/17 17:40
Date Received: 09/06/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/12/17 21:41
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	7.8		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	ND		ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	ND		ug/l	1.0	0.32	2
Toluene	ND		ug/l	5.0	1.4	2
Ethylbenzene	ND		ug/l	5.0	1.4	2
Chloromethane	ND		ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	5.6		ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	2.0	J	ug/l	5.0	1.4	2
Trichloroethene	5.1		ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2

Project Name: NEW PALTZ PLAZA **Lab Number:** L1731390

Project Number: 2014-45 **Report Date:** 09/13/17

SAMPLE RESULTS

Lab ID: L1731390-04 D Date Collected: 09/05/17 17:40

Client ID: MW-11 Date Received: 09/06/17

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	5.0	1.4	2
p/m-Xylene	ND		ug/l	5.0	1.4	2
o-Xylene	ND		ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	180		ug/l	5.0	1.4	2
Styrene	ND		ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	ND		ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	ND		ug/l	10	3.9	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Isopropylbenzene	ND		ug/l	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl Acetate	ND		ug/l	4.0	0.47	2
Cyclohexane	ND		ug/l	20	0.54	2
1,4-Dioxane	ND		ug/l	500	120	2
Freon-113	ND		ug/l	5.0	1.4	2
Methyl cyclohexane	ND		ug/l	20	0.79	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	107		70-130

Project Name: NEW PALTZ PLAZA **Lab Number:** L1731390

Project Number: 2014-45 **Report Date:** 09/13/17

SAMPLE RESULTS

Lab ID: L1731390-05 Date Collected: 09/05/17 15:20
Client ID: BR-2 Date Received: 09/06/17
Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/12/17 20:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	7.7		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	7.8		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	4.7		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L1731390

Project Number: 2014-45 **Report Date:** 09/13/17

SAMPLE RESULTS

Lab ID: L1731390-05 Date Collected: 09/05/17 15:20

Client ID: BR-2 Date Received: 09/06/17

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	42		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	109		70-130

Project Name: NEW PALTZ PLAZA
Lab Number: L1731390
Project Number: 2014-45
Report Date: 09/13/17

SAMPLE RESULTS

Lab ID: L1731390-06
Client ID: TRIP BLANK
Sample Location: NEW PALTZ, NY

Date Collected: 08/31/17 00:00
Date Received: 09/06/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/12/17 19:55
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L1731390

Project Number: 2014-45 **Report Date:** 09/13/17

SAMPLE RESULTS

Lab ID: L1731390-06 Date Collected: 08/31/17 00:00

Client ID: TRIP BLANK Date Received: 09/06/17

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L1731390
Report Date: 09/13/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/12/17 16:12
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1041014-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L1731390
Report Date: 09/13/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/12/17 16:12
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1041014-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L1731390
Report Date: 09/13/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/12/17 16:12
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1041014-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA

Project Number: 2014-45

Lab Number: L1731390

Report Date: 09/13/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1041014-3 WG1041014-4								
Methylene chloride	91		92		70-130	1		20
1,1-Dichloroethane	89		89		70-130	0		20
Chloroform	84		85		70-130	1		20
Carbon tetrachloride	**60**	Q	**57**	Q	63-132	5		20
1,2-Dichloropropane	96		96		70-130	0		20
Dibromochloromethane	80		78		63-130	3		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	80		77		70-130	4		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	71		70		62-150	1		20
1,2-Dichloroethane	87		88		70-130	1		20
1,1,1-Trichloroethane	**66**	Q	**66**	Q	67-130	0		20
Bromodichloromethane	79		79		67-130	0		20
trans-1,3-Dichloropropene	73		72		70-130	1		20
cis-1,3-Dichloropropene	81		81		70-130	0		20
Bromoform	66		64		54-136	3		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	95		95		70-130	0		20
Toluene	95		94		70-130	1		20
Ethylbenzene	96		94		70-130	2		20
Chloromethane	99		96		64-130	3		20
Bromomethane	76		74		39-139	3		20
Vinyl chloride	93		94		55-140	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA

Project Number: 2014-45

Lab Number: L1731390

Report Date: 09/13/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1041014-3 WG1041014-4								
Chloroethane	100		99		55-138	1		20
1,1-Dichloroethene	84		81		61-145	4		20
trans-1,2-Dichloroethene	89		89		70-130	0		20
Trichloroethene	87		87		70-130	0		20
1,2-Dichlorobenzene	98		97		70-130	1		20
1,3-Dichlorobenzene	98		97		70-130	1		20
1,4-Dichlorobenzene	95		98		70-130	3		20
Methyl tert butyl ether	78		78		63-130	0		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	94		96		70-130	2		20
Styrene	110		105		70-130	5		20
Dichlorodifluoromethane	98		93		36-147	5		20
Acetone	76		76		58-148	0		20
Carbon disulfide	87		85		51-130	2		20
2-Butanone	100		110		63-138	10		20
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	95		94		57-130	1		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	97		94		70-130	3		20
1,2-Dibromo-3-chloropropane	65		63		41-144	3		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	92		84		70-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA

Project Number: 2014-45

Lab Number: L1731390

Report Date: 09/13/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1041014-3 WG1041014-4								
1,2,4-Trichlorobenzene	84		80		70-130	5		20
Methyl Acetate	110		110		70-130	0		20
Cyclohexane	95		97		70-130	2		20
1,4-Dioxane	106		104		56-162	2		20
Freon-113	81		80		70-130	1		20
Methyl cyclohexane	82		82		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		94		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	101		101		70-130
Dibromofluoromethane	104		104		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L1731390
Report Date: 09/13/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1731390-01A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L1731390-01B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L1731390-01C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L1731390-02A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L1731390-02B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L1731390-02C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L1731390-03A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L1731390-03B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L1731390-03C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L1731390-04A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L1731390-04B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L1731390-04C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L1731390-05A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L1731390-05B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L1731390-05C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L1731390-06A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L1731390-06B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L1731390
Project Number:	2014-45	**Report Date:**	09/13/17

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

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

Terms

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

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

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

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L1731390
Project Number:	2014-45	**Report Date:**	09/13/17

Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

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

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

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

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L1731390
Project Number:	2014-45	**Report Date:**	09/13/17

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 9/7/17

ALPHA Job #: L1731398

Client Information

Client: Sterling Env. Eng
Address: 24 Wade Rd
Latham, NY 12110
Phone: 518-456-4900
Fax:
Email: johnsont@sterlingenvironmental.com

Project Information

Project Name: New Paltz Plaza
Project Location: New Paltz, NY
Project # 2014-45
(Use Project name as Project #) ☐
Project Manager: C. Fox / T. Johnson
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☒ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

amanda.castignetti@sterlingenvironmental.com

Please specify Metals or TAL.

ANALYSIS

NYTCL-8260 (TCL Volatiles)

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260	Sample Specific Comments
31390 01	MW-2	9/5/17	2:00	Water	AMC	X	
02	MW-9		4:15				
03	MW-10		5:00pm				
04	MW-11		5:40pm				
05	BR-2		3:20				
06	Trip Blank	8/31/17	—	Water	—	X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

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

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	A									
Preservative	B									

Relinquished By:	Date/Time	Received By:	Date/Time
	9/6/17 1900		9-6-17 18:00
	9-6-17 1800		9/7/17 1:15

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

APPENDIX F

NYSDEC Institutional and Engineering Control Certification Form

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **V00087**

Site Name New Paltz Plaza/Revonak Dry Cleaners

Site Address: Route 299 Zip Code: 12561
City/Town: New Paltz
County: Ulster
Site Acreage: 14.5

Reporting Period: February 20, 2015 to August 30, 2018

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

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. V00087 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
86.12-6-5.1	New Paltz Properties, LLC	Site Management Plan Soil Management Plan Monitoring Plan Ground Water Use Restriction Landuse Restriction IC/EC Plan

1. Imposition of an institutional control in the form of a deed restriction on the 13.5-acre plaza property, including the former Revonak Dry Cleaners Site.

2. The property may not be used for a higher level of use, such as unrestricted residential use without additional remediation and amendment of the March 2010 Record of Decision, as approved by the NYSDEC.

3. All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the approved Site Management Plan (SMP).

4. Restricts the use of groundwater as a source of potable or process water,without necessary water quality treatment as determined by the NYSDEC, NYSDOH or Ulster County Department of Health.

5. The potential for vapor intrusion must be evaluated for any buildings developed in the New Paltz Plaza shopping center, and any potential impacts that are identified must be monitored or mitigated.

6. Vegetable gardens and farming on the property are prohibited.

7. New Paltz Plaza, future site owners, or the owner's representative will submit to NYSDEC a written statement that certifies, under penalty of perjury, that:(a) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (b) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
86.12-6-5.1	Vapor Mitigation Vapor Mitigation

1. A contingency plan that allows for further groundwater remediation via application of hydrgoen release compound (HRC)or other similar technology (e.g., in-situ chemical oxidation), in the event that tetrachloroethlene (PCE), volatile organics and/or their breakdown compounds remain consistently above groundwater standards or have not become asymptotic (i.e., the concentrations of volatile organics remain at their lowest without any further reduction in concentration) at an acceptable level over an extended period.

2. Operation and maintenance of the eight active sub-slab depressurization (SSDS) systems. Note the SSDS at former Stop N Shop (currently Tops Market) is no longer active and only the piping remains for the SSDS.

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
X	

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

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

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

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

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

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

YES	NO
X	

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. V00087

Box 6

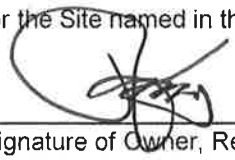
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I Peter Kempner (print name) at New Paltz Plaza Properties, L.P. (print business address),

am certifying as Owner (Owner or Remedial Party)

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



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

August 30, 2018
Date

IC/EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

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

I Thomas M. Johnson (print name) at Sterling Environmental Engineering, P.C. 24 Wade Road, Latham, NY 12110 (print business address),

am certifying as a Qualified Environmental Professional for the Owner (Owner or Remedial Party)

Thomas M Johnson

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

August 30, 2018
Date