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TECHNOLOGIES

Final Engineering Report

Tim Bayly Property

800 Broadway
City of Rensselaer, Rensselaer County, New York

Brownfield Cleanup Program Site No. C442013

November 14, 2017

Prepared for:

Tim Bayly Development, LLC

REMEDIATION

SOLUTIONS

ENVIRONMENTAL

CONSULTING

DRILLING

APPLICATIONS

CERTIFICATIONS

I, Fil L. Fina III, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Action Work Plan was implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Action Work Plan.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Action Work Plan and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established for the remedy.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by Department.

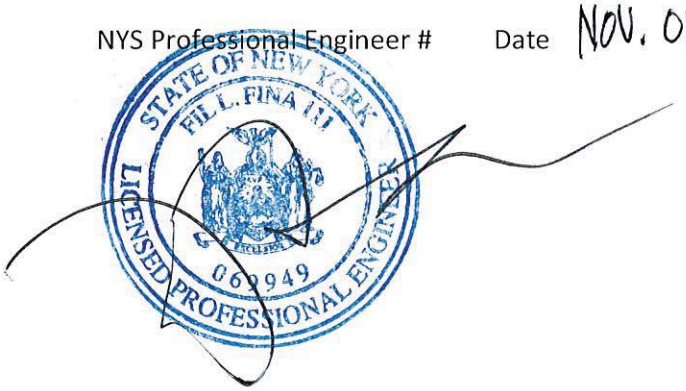
I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification form 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, Fil L. Fina III of Aztech Environmental Technologies, Inc., am certifying as Owner's Designated Site Representative. I have been authorized and designated by all site owners/remedial parties to sign this certification for the site.

NYS Professional Engineer # Date NOV. 08, 2017 Signature



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BCA Brownfield Cleanup Agreement
BCP Brownfield Cleanup Program
CAMP Community Air Monitoring Plan
CLP Contract Laboratory Program
COC Certificate of Completion
CP Commissioner Policy
DER Division of Environmental Remediation
EC Engineering Control
ECL Environmental Conservation Law
EWP Excavation Work Plan
HASP Health and Safety Plan
IC Institutional Control
NYSDEC New York State Department of Environmental Conservation
NYSDOH New York State Department of Health
NYCRR New York Codes, Rules and Regulations
O&M Operation and Maintenance
OSHA Occupational Safety and Health Administration
PID Photoionization Detector
PRR Periodic Review Report
QA/QC Quality Assurance/Quality Control
QAPP Quality Assurance Project Plan
RAO Remedial Action Objective
RAWP Remedial Action Work Plan
RCRA Resource Conservation and Recovery Act
ROD Record of Decision
RP Remedial Party
RSO Remedial System Optimization
SCG Standards, Criteria and Guidelines
SCO Soil Cleanup Objective
SMP Site Management Plan
SOP Standard Operating Procedures
SOW Statement of Work
SSD Sub-slab Depressurization
SVI Soil Vapor Intrusion
TAL Target Analyte List
TCL Target Compound List
TCLP Toxicity Characteristic Leachate Procedure
USEPA United States Environmental Protection Agency
UST Underground Storage Tank
VCP Voluntary Cleanup Program

1.0 BACKGROUND AND SITE DESCRIPTION

Tim Bayly Development, LLC. entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) on July 11, 2014, to investigate and remediate a 0.08-acre property located in Rensselaer, New York (**Figure 1**). The site is defined as the property boundary, which is shown on **Figure 2**. The site was remediated to restricted residential use, and will be re-developed for use as a retail wine and liquor store. Under the terms of the BCA, Tim Bayly Development, LLC. does not have an obligation to address off-site contamination.

The site is located in the County of Rensselaer, New York and is identified as Section 52 Block 3 and Lot 18 on the Rensselaer County Tax Map (Figure 2). The site is an approximately 0.08-acre area that is bounded by an unoccupied commercial building directly to the north, Partition Street to the south, a three (3) story residential apartment building directly to the east, and Broadway to the west. **Figure 3** presents an aerial photograph showing the site in proximity to its surroundings. The boundaries of the site are more fully described in **Appendix A** (Survey Map, Metes and Bounds).

The property occupies a 3,548 ft^2 area; 3,248 ft^2 is occupied by the site building and, 300 ft^2 is an open area that is paved with asphalt and concrete. The site is in an area characterized as urban mixed residential/commercial. The Site is zoned as "Downtown Mixed Use" (MU-1) and, is currently vacant. At the time that this Final Engineering Report (FER) is being prepared, the Site is being re-developed as a retail wine and liquor store. The properties adjoining the Site and in the neighborhood surrounding the Site primarily include commercial and residential parcels. The dominant feature in the neighborhood is the Rensselaer Train Station and associated tracks/rail yard to the west (across Broadway) and south (across Partition Street) from the site. Other properties to the north and east are commercial and/or residential in nature. This area, including the site and surrounding properties, is serviced by municipal water and sewer systems; there are no known potable water supply wells in the area.

1.1 Site History and Previous Investigations

The site was most recently used as a dry cleaning operation from at least 1958 to 1978, and has remained vacant since that time. It is presumed that the dry cleaning operation is the source of the soil, soil vapor and groundwater impacts identified at the site. These impacts are related to release(s) of the dry cleaning compound tetrachloroethene (PCE) and other associated compounds, via possible spills near the base of former dry cleaning equipment and/or leaks from breaks in the site sewer lateral. Leaks in the sewer lateral were discovered via camera survey performed during the remedial investigation.

The investigations performed at the site have identified several contaminants of concern (COCs) in soil, soil vapor and groundwater. A COC is a compound that is present in sufficient frequency and concentration in the environment to require further evaluation for remedial action. Not all analytes identified in samples collected on the property are considered COCs. The nature and

extent of contamination and environmental media requiring action are summarized below. Additionally, the Remedial Investigation Report contains a full discussion of the data collected during the investigations conducted at the site. An electronic copy of all supporting documentation (including the Remedial Investigation Report) is included in **Appendix B**.

The COCs identified at this site include the volatile organic compounds (VOCs) trichloroethene; (TCE); PCE; cis-1,2-dichloroethene (cis-1,2 DCE) and vinyl chloride; the pesticide DDT, and; the metals lead, mercury and chromium. These COCs have demonstrated exceedances of the applicable standards, criteria and guidance (SCGs) established by NYSDEC with respect to soil, soil vapor and/or groundwater.

The information provided in the following documents was relied upon to prepare this report and certify that the remediation requirements for the site have been met.

- Phase I Environmental Site Assessment – 824 Broadway and (North of) 1 Partition Street (Arcadis, September 26, 2012);
- Phase II Environmental Site Assessment – 824 Broadway and (North of) 1 Partition Street (Arcadis, August 2, 2013);
- Remedial Investigation Report – Tim Bayly Property (Hanson Van Vleet, December 22, 2016);
- Alternatives Analysis Report and Remedial Action Work Plan – Tim Bayly Property (Hanson Van Vleet, Revised April 7, 2017);
- Decision Document – Tim Bayly Property (NYSDEC, July, 2017)

An electronic copy of this FER with all supporting documentation is included as Appendix B.

1.1.1 Nature and Extent of Contamination

Field investigations were completed under a Phase II Environmental Site Assessment (conducted by Arcadis) in 2013 and a Remedial Investigation (conducted by Hanson Van Vleet) in 2016. During the course of these investigations, a total of 10 shallow monitoring wells were installed at the locations indicated on **Figure 4**. The investigations included analysis of surface soil for VOCs in the top six (6.0) inches. Soil within the top two (2.0) inches was analyzed for metals, semi-VOCs, polychlorinated biphenyls (PCBs) and pesticides. Sub-surface soils were analyzed for VOCs, semi-VOCs, metals, PCBs and pesticides. Groundwater was analyzed for VOCs, semi-VOCs, metals, PCBs and pesticides. Soil vapor (to a depth of 4.0-feet beneath the site basement), sub-slab vapor and indoor air were also sampled and analyzed for VOCs. Monitoring well specifications are included in **Table 1** below.

Table 1
Monitoring Well Specifications

Well ID	TOC Elevation	Borehole Depth	DTW	Screened Interval	Sand Pack	Bentonite Seal	GPS Coordinates	
							Northing	Easting
MW-1	44.75	15	5.0	5.0 - 15	3.0 - 15	Grade – 3.0	42.646333	-73.739273
MW-3	46.20	19	8.0	7.0 - 17	5.0 - 17	0.5 – 5.0	42.646364	-73.739628

Table 1
(continued)

Well ID	TOC Elevation	Borehole Depth	DTW	Screened Interval	Sand Pack	Bentonite Seal	GPS Coordinates	
MW-4	47.05	19	9.0	9.0 - 19	7.0 - 19	0.5 – 7.0	42.646277	-73.739559
MW-5	45.45	19	10	8.0 - 18	6.0 - 18	Grade – 6.0	42.646190	-73.739408
MW-6	44.70	20	DRY	10 - 20	8.0 - 20	2.0 – 8.0	42.646426	-73.739608
MW-7	44.50	20	13.2	10 - 20	8.0 - 20	2.0 – 8.0	42.646252	-73.739322
MW-8	46.25	20	13.5	10 - 20	8.0 - 20	2.0 – 8.0	42.646242	-73.739462
MW-9	41.15	9.0	7.0	4.0 – 9.0	3.0 – 9.0	Grade – 3.0	42.646354	-73.739452
MW-10	40.65	9.0	7.0	4.0 – 9.0	3.0 – 9.0	Grade – 3.0	42.646278	-73.739404
MW-11	40.75	10.5	DRY	5.5 – 10.5	3.5 – 10.5	Grade – 3.5	42.646322	-73.739556

Note:
All Depths in FEET below grade
DTW as observed during borehole advancement
TOC = Top of well casing
A = Well Abandoned

The findings of the investigations conducted at the site have identified four (4) of the chlorinated VOCs (PCE, TCE, cis-1,2-DCE and vinyl chloride) associated with the former dry cleaning operation, as well as three (3) metals (lead, chromium and mercury) and one (1) pesticide (DDT) at isolated locations. Based on the concentration and distribution of COCs identified, the site has been sub-divided into two (2) areas of concern (AOCs). AOC-1 is an approximately 300 ft^2 portion of a paved, open alleyway adjacent to the east side of the site building; AOC-2 encompasses the entire 3,248 ft^2 footprint of the site building. Both AOC-1 and AOC-2 are depicted on **Figure 5**.

Soil:

A total of seven (7) soil borings were advanced to depths of 15 to 20 feet below grade adjacent to the site building, and were completed as 2.0-inch inside diameter (ID) monitoring wells. As part of the investigation for AOC-2, three (3) borings were drilled within the building's basement and were completed as 1.0-inch ID monitoring wells (MW-9, MW-10 & MW-11). Laboratory analysis identified concentrations of PCE as high as 6.3 parts per million (ppm) in soil collected from MW-10 (within the building footprint) at 6.5 feet below grade. This concentration exceeds the soil cleanup objective (SCO) for residential soil, but is below the restricted-residential SCO. PCE was also identified in excess of the unrestricted use SCO (but below the residential use SCO) in a soil sample collected from off-site well MW-8 at a depth of 8.0-feet below grade. This location is within the City of Rensselaer Right-of-Way (ROW) south of AOC-2. Mercury was found in a sample collected from 8.0 feet below grade in well MW-9 (within the building footprint) at a concentration of 3.06 ppm. This concentration exceeds the commercial SCO but, is below industrial SCO. The elevated concentrations of the site COCs in subsurface soil near what is presumed to be the base of old dry cleaning equipment, as well as breaks identified in the sewer lateral, indicate that these may be source areas that are difficult to address due to limited basement access.

Two (2) surface soil samples (S-A & S-B) were collected east of the building in AOC-1. Concentrations of chromium, lead and mercury at concentrations of 102 ppm, 887 ppm and 0.87 ppm (respectively) were identified in one sample (S-A) in excess of restricted-residential SCOs but, below the commercial SCOs.

Groundwater:

Groundwater sampling conducted during the Phase II investigation indicated concentrations of cis-1,2-DCE, PCE, TCE and vinyl chloride in well MW-5 (within the City of Rensselaer ROW south of AOC-2) that were in excess of the NYSDEC standards for class GA groundwater. Subsequent groundwater sampling during the remedial investigation confirmed these results and, identified four (4) additional locations (MW-6, MW-8, MW-9 & MW-10) where class GA groundwater standards were exceeded by these site-related COCs. Groundwater concentrations of cis-1,2 DCE were as high as 210 micrograms per liter (ug/l - in well MW-8); PCE concentration was as high as 200 ug/l (MW-9); TCE was as high as 37 ug/l (MW-5) and vinyl chloride was as high as 3.5 ug/l (MW-6). Ambient groundwater standards for cis-1,2-DCE, PCE, TCE and vinyl chloride were exceeded in three (3) of the five (5) off-site wells in the City of Rensselaer ROW to the south (MW-5 & MW-8) and west (MW-6) of the site.

Vapor Intrusion:

Sampling of soil vapor, sub-slab vapor and indoor air was conducted as part of both the Phase II and Remedial Investigations. This includes soil vapor intrusion sampling at on-site (800 Broadway) and off-site locations (the unoccupied building to the north) in April and May, 2013 and, the three story residential apartment building to the east in February, 2016.

Soil vapor Intrusion sampling conducted at 800 Broadway during the Phase II investigation identified PCE, at a concentration of 5,100 micrograms per cubic meter (ug/m^3) in a sub-slab vapor sample (SV-01) collected from beneath the site building on May 29, 2013. Vapor intrusion sampling conducted a month earlier (April 22, 2013) at the unoccupied building north of the site found PCE in indoor air and sub-slab vapor at concentrations of 1.4 ug/m^3 and 160 ug/m^3, respectively. Vapor intrusion sampling conducted in February, 2016 at the adjacent three story residential apartment building to the east found PCE in the indoor air and sub-slab vapor samples at concentrations of 1.6 ug/m^3 and 17 ug/m^3, respectively.

Off-site soil vapor samples, collected on April 22, 2013 at depths ranging between 5.5 feet and 9.0 feet below grade from three locations within the City of Rensselaer ROW (SV-3; SV-4 and SV-5), yielded PCE and TCE concentrations as high as of 1,900 ug/m^3 and 120 ug/m^3, respectively (SV-5). This location is south of the site building in the sidewalk area on Partition Street.

Off-site vapor intrusion will be evaluated and mitigated as needed separately under Site No. C442043A.

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

Based on the results of the Remedial Investigation, two (2) Areas of Concern (AOCs) have been identified at the site:

- AOC-1 is an undeveloped, approximately 300 ft^2 area located on the eastern side of the site. Currently, this appears as a paved alleyway.
- AOC-2 is the area underlain by the entire footprint of the on-site building. As such, the basement area of 800 Broadway is considered to be AOC-2.

The following Remedial Action Objectives (RAOs) were identified for AOC-1 and AOC-2.

2.1.1 Groundwater RAOs

RAOs for Public Health Protection

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of volatiles from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer to pre-disposal/pre-release conditions, to the extent practicable.
- Remove the source of ground or surface water contamination.

2.1.2 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of or exposure to contaminants volatilizing from contaminants in soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

2.1.3 Soil Vapor RAOs

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

2.2 DESCRIPTION OF SELECTED REMEDY

The site was remediated in accordance with the remedy selected by the NYSDEC in the July, 2017 Decision Document The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8.

The alternatives developed for the site and the evaluation of the remedial criteria are presented in the Alternative Analysis. The remedy is selected pursuant to the remedy selection criteria set forth in DER-10, Technical Guidance for Site Investigation and Remediation and 6 NYCRR Part 375.

The selected remedy is a Track 4: Restricted use with site-specific soil cleanup objectives remedy.

The selected remedy is referred to as the Sub-Slab Depressurization System and Soil Cover remedy.

Elements of the selected remedy are as follows:

1. Green Remediation: Green remediation principals and techniques will be implemented to the extent feasible in the site management of the remedy as per DER-31. The major green remediation components are as follows:
   - Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
   - Reducing direct and indirect greenhouse gas and other emissions;
   - Increasing energy efficiency and minimizing use of non-renewable energy;
   - Conserving and efficiently managing resources and materials;
   - Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste.

2. Cover System:
   A site cover will be required to allow for restricted residential use of the site in areas where the upper 2.0 feet of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs). The site cover may consist of paved surface parking areas, sidewalks, or a soil cover. Where a soil cover is to be used it will be a minimum of 2.0 feet of soil placed over a demarcation layer, with the upper six inches of soil of sufficient quality to maintain a vegetative layer. Soil cover material, including any fill material brought to the site, will meet the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d). In areas where building foundations or building slabs preclude contact with the soil, the requirements for a site cover will be deferred until such time that they are removed.

3. Vapor Mitigation: Any on-site buildings will be required to have a sub-slab depressurization (SSD) system, or other acceptable measures, to mitigate the migration of vapors into the building from soil and/or groundwater.

4. Institutional Control: Imposition of an institutional control in the form of an Environmental Easement for the property which will:
   - require the remedial party or owner of the controlled property to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
   - allow the use and development of the controlled property for restricted residential purposes as defined by Part 375-1.8(g), although land use is subject to local zoning laws;

- restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH) or Rensselaer County DOH; and
- require compliance with the Department approved Site Management Plan.

5. Site Management Plan: A Site Management Plan (SMP) is required, which includes the following:

   A. an Institutional Control (IC) and Engineering Control (EC) Plan that identifies all use restrictions and ECs for the site and details the steps and media-specific requirements necessary to ensure that the IC and/or ECs remain in place and are effective:

      - Institutional Control: The Environmental Easement discussed in Paragraph 4 above.
      - Engineering Controls: The cover discussed in Paragraph 2 and the sub-slab depressurization system discussed in Paragraph 3 above.

      This plan includes, but may not be limited to:

      - an Excavation Work Plan which details the provisions for management of future excavations in areas of remaining contamination;
      - a provision for further investigation and remediation should large scale redevelopment of the property occur, if any of the existing structures are demolished, or if the subsurface is otherwise made accessible. The nature and extent of contamination in areas where access was previously limited or unavailable will be immediately and thoroughly investigated pursuant to a work plan approved by the Department. Based on the investigation results, and the Department's determination of a need for a remedy, a Remedial Action Work Plan (RAWP) will be developed for the final remedy for the site. This remedy may include removal and/or treatment of source areas (to the extent feasible). Citizen Participation Plan (CPP) activities will continue through this process. Any necessary remediation will be completed prior to (or, in association with) any large scale redevelopment of the property. This includes the footprint of the on-site building;
      - a provision for removal or treatment of the source area located under the on-site building if and when the building is demolished or becomes vacant;
      - descriptions of the provisions of the environmental easement including any land use and/or groundwater use restrictions)
      - a provision that should a building foundation or building slab be removed in the future, a cover system consistent with that described in Paragraph 2 above will be placed in any areas where the upper two feet of newly exposed surface soil exceeds the applicable SCOs;
      - provisions for the management and inspection of the identified engineering controls;
      - maintaining site access controls and Department notification; and

- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

B. a Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:

- monitoring of groundwater to assess the performance and effectiveness of the remedy; and
- a schedule for monitoring and frequency of submittals to the Department.

C. an Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, inspection and reporting of any mechanical or physical components of the active vapor mitigation system(s). The O&M plan includes, but is not limited to:

- procedures for operating and maintaining the system(s); and
- compliance inspection of the system(s) to ensure proper O&M as well as providing the data for any necessary reporting.

3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS

The remedy for this site was performed as a single project, and no interim remedial measures, operable units or separate construction contracts were performed.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

The remedial activities conducted at the site include the various investigations and associated sampling of various media. Each phase of investigation was conducted with the concurrence of NYSDEC and/or NYSDOH. The findings of these investigations resulted in the installation of the SSD system that was completed in August, 2017. That system was installed in accordance with the July, 2017 decision document and the April, 2017 RAWP, which was approved by NYSDEC on July 24, 2017. The purpose of the SSD system is to address the sub-slab vapor and indoor air associated with 800 Broadway in the City of Rensselaer. Any deviations from the SSD system specifications detailed in the April, 2017 RAWP are noted below.

4.1 GOVERNING DOCUMENTS

4.1.1 Site Specific Health & Safety Plan (HASP)

All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal Occupational Safety and Health Administration (OSHA). The HASP for the site was complied with all remedial and invasive work performed and, is incorporated as an Appendix to the Site Management Plan (SMP). An electronic copy of the SMP is included in Appendix B.

4.1.2 Quality Assurance Project Plan (QAPP)

The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/quality control activities designed to achieve the project data quality objectives. The project QAPP was included in the April 2015 Remedial Investigation Work Plan; a separate QAPP was not prepared for the RAWP since no confirmatory sampling was planned for implementation of the site remedy.

The sampling and analytical data generated during the investigations associated with the site has been obtained in accordance with the QAPP. A separate QAPP for future site management activities conducted under the SMP is incorporated as an Appendix to the SMP. An electronic copy of the SMP is included in Appendix B.

4.1.3 Community Air Monitoring Plan (CAMP)

The CAMP describes the specific procedures to be followed during site activities to prevent or minimize public exposure to site related compounds of concern (COCs). CAMP policies and procedures were followed during the course of implementing the investigation and remedial activities associated with the site (and will be followed, when applicable, for all future site activities).

The CAMP for the site is incorporated as a component of the HASP (incorporated as an Appendix to the SMP). An electronic copy of the SMP is included in Appendix B.

4.1.4 Community Participation Plan

The Community Participation (CP) Plan provides members of the affected and interested public with information about how NYSDEC will inform and involve them during the investigation and

remediation of the site under the BCP. This includes information such as identifying NYSDEC project contact(s) to whom the public may address questions or request information about the sites remedial program; establishing locations of document repositories; preparing various fact sheets as project milestones are met. The goal of the CP Plan is to provide convenient access to important project documents for public review and comment. The CP Plan was included as an appendix (Appendix E) to the April, 2015 Remedial Investigation (RI) Work Plan. The RI Work Plan is attached hereto as one of the supporting documents in Appendix B.

A public comment period was held during which the public was encouraged to submit comment on the proposed remedy. All comments on the remedy received during the comment period were considered in the selection of the final remedy for the site. Site-related reports and documents were made available for review by the public at document repositories located at:

- Rensselaer Public Library (676 East Street, Rensselaer), and;
- City of Rensselaer Planning & Economic Development Agency (City Hall, 62 Washington Street, Rensselaer).

The activities associated with the CP Plan are summarized below:

Summary of Community Participation Plan Activities		
Required Citizen Participation Activity	CP activity(s) occur at this point	Status/Completed or Estimated Time Frame
Application Process:		
• Prepare brownfield site contact list (BSCL)		BCP Application - Feb.28, 2014
• Establish document repositories		Completed
• Publish notice in Environmental Notice Bulletin (ENB) announcing receipt of application and 30-day comment period	When NYSDEC determines that BCP application is complete. The 30-day comment period begins on date of publication of notice in ENB. End date of comment period is as stated in ENB notice. Therefore, ENB notice, newspaper notice and notice to the BSCL should be provided to the public at the same time.	Completed
• Publish above ENB content in local newspaper		April 15, 2014
• Mail above ENB content to BSCL		April 15, 2014
After Execution of Brownfield Site Cleanup Agreement:		
• Prepare Citizen Participation (CP) plan	Draft CP Plan must be submitted within 20 days of entering Brownfield Site Cleanup Agreement. CP Plan must be approved by NYSDEC before distribution	Draft CP Plan submitted on July 25, 2014.
After Remedial Investigation (RI) Work Plan Received:		
• Mail fact sheet to BSCL about proposed RI activities and announcing 30-day public comment period on draft RI Work Plan	Before NYSDEC approves RI Work Plan. If RI Work Plan is submitted with application, comment periods will be combined and public notice will include fact sheet. 30-day comment period begins/ends as per dates identified in fact sheet.	Fact Sheet was not issued.

Summary of Community Participation Plan Activities (continued)		
Required Citizen Participation Activity	CP activity(s) occur at this point	Status/Completed or Estimated Time Frame
After RI Completion:		
• Mail fact sheet to BSCL describing results of RI	Before NYSDEC approves RI Report	April, 2017 Fact Sheet Issued: "Remedy Proposed for Brownfield Site Contamination; Public Comment Period Announced
After Remedial Work Plan (RWP) Received:		
• Mail fact sheet to BSCL about proposed RWP and announcing 45-day comment period	Before NYSDEC approves RWP. 45-day comment period begins/ends as per dates identified in fact sheet.	April, 2017 Fact Sheet Issued: "Remedy Proposed for Brownfield Site Contamination; Public Comment Period Announced
• Public Meeting by NYSDEC about proposed RWP (if requested by public)	Public meeting would be held within the 45-day comment period	
After Approval of RWP:		
• Mail fact sheet to BSCL summarizing upcoming remedial construction	Before the start of remedial construction	August, 2017 Fact Sheet Issued: "Cleanup Action to Begin at Brownfield Site"
After Remedial Action Completed:		
• Mail fact sheet to BSCL announcing that remedial construction has been completed • Mail fact sheet to BSCL announcing issuance of Certificate of Completion (COC)	At the time NYSDEC approves Final Engineering Report. These two fact sheets should be combined when possible if there is not a delay in issuance of COC.	October, 2107 Fact Sheet Issued: "Cleanup Action Completed at Brownfield Site"

4.2 REMEDIAL PROGRAM ELEMENTS

The remedial program for the site was developed based on the findings of the previously completed site investigations (which have included soil boring/monitoring well installation, soil/groundwater/soil vapor and indoor air sampling). As indicated in the April, 2017 RAWP, remedial elements for the site included placing an environmental easement on the property and excavation of soil from the basement area; excavation and replacement of the municipal waste/sanitary line from the building; decommissioning of monitoring wells and soil vapor points; a composite cover system; installation of the SSD system, and; removal of a portion of the wooden flooring material from the first floor of the building. Additional remedial elements included installation of new natural gas and municipal water lines for the building.

4.2.1 Contractors and Consultants

Site investigation, sampling/monitoring and, remedial construction activities have been performed by various contractors and/or consultants. These include:

- Arcadis of New York, Inc. (Phase I ESA & Phase II Site investigation)
- Aquifer Drilling and Testing (Drilling Services – sub-contractor to Arcadis);
- Hanson Van Vleet, LLC (Remedial Investigation & Remedial Action Work Plan);
- Parratt Wolf (Drilling Services – sub-contractor to Hanson Van Vleet);
- Wainschaf Associates (General Contractor – 800 Broadway building remodel);
- Precision Industrial Maintenance (waste line repair), and;
- Aztech Environmental Technologies, Inc. (SSD system installation).

4.2.2 CAMP Results

CAMP monitoring was conducted during implementation of site remedial activities in accordance with the specifications outlined in the site HASP. This includes perimeter monitoring during the completion of each element of the remedial program for the site. The results of the CAMP monitoring during these remedial construction activities did not indicate exceedances of any action levels. CAMP monitoring data collected during remedial activities is included as **Appendix C.**

4.2.3 Reporting

During the implementation of the remedial activities undertaken for the site, formal reporting to the NYSDEC with respect to the remedial construction progress was not undertaken. Rather, NYSDEC was kept apprised of the site's progress via informal phone calls and e-mail correspondences. As remedial construction progressed, NYSDEC was consulted and provided input regarding various issues such as sampling and analysis of various media, re-use of basement soil as fill, re-lining (rather than replacing) the municipal sewer line for the site, utility trench excavations and other issues. As various tasks were undertaken, NYSDEC was available to provide direction and input.

4.3 REMEDIAL CONSTRUCTION & CONTAMINATED MATERIALS REMOVAL

The remedial construction activities completed at the site are described in the following sections. Selected photographs of various remedial activities described herein are included in **Appendix D**.

4.3.1 Excavation of Basement Soil

Excavations were completed in the basement of 800 Broadway in order to facilitate installation of the 15 vapor extraction laterals and manifold legs associated with the SSD system (**Figure 6A**). All excavation within the basement area was completed via manpower and hand tooling. Prior to commencing with excavation, topographically high (and, topographically low) areas of the basement dirt floor were noted. The layout of the vapor extraction laterals and manifolds were established.

Prior to the excavation of the basement soil, soil aliquots were collected (from grade to approximately 12-inches below grade) at five (5) locations within the basement area (**Figure 6B**).

These five (5) sample aliquots were collected on May 5, 2017 and combined in order to prepare one (1) composite sample to be analyzed for hazardous waste characteristics (VOCs, semi-VOCs, pesticides, herbicides, metals) via the toxicity characteristic leachate procedure (TCLP), as well as PCBs, corrosivity, pH, flash point, ignitability, reactivity (cyanide and sulfide) and paint filter. The purpose of this sampling was to pre-characterize the basement soil for disposal purposes. The analytical results (included in **Appendix E**) indicated that VOCs, semi-VOCs, pesticides, herbicides and PCBs were not detected (i.e. "ND"). Two (2) of the eight (8) metals analyzed (barium and lead) were identified via the TCLP procedure at concentrations of 0.35 milligrams per liter (mg/l) and 0.12 mg/l, respectively. These concentrations are well below the 100 mg/l (barium) and 5.0 mg/l (lead) hazardous waste criteria.

Subsequent to collection of the pre-characterization soil sample, NYSDEC requested that grab soil samples be collected from the same locations used to compose the original disposal composite sample (Figure 6B). As requested by NYSDEC, the five (5) grab samples were collected from grade to approximately 12-inches below grade on June 6, 2017 and analyzed for the full list of VOCs and semi-VOCs via analytical methods 8260 (VOCs) and 8270 (semi-VOCs). The analytical results (included in Appendix E) indicated that VOCs were not detected in any of the samples collected and semi-VOCs were not detected in four (4) of the five (5) samples. One (1) sample (BF-3) contained detectable concentrations of fluoranthene and phenanthrene (at 0.35 milligrams per kilogram (mg/kg) for each compound) and pyrene at a concentration of 0.31 mg/kg. Each of these concentrations are well below the 100 mg/kg SCO for unrestricted use as defined by NYSDEC.

Excavation of the basement soil (and, installation of the SSD laterals) commenced on June 28, 2017 and was completed on July 10, 2017. During the course of completing the hand excavation, soil headspace screening was conducted and CAMP monitoring was performed. None of the soil disturbed as part of this effort indicated visual or olfactory evidence of impact.

Based on the fact that the basement soil did not indicate evidence of impact and, that the VOC and semi-VOC analysis of the five (5) previous grab samples met the NYSDEC SCOs for unrestricted use, NYSDEC agreed to allow the soil removed from topographically high areas in the basement to be used to fill topographically low areas. Additionally, soil removed from the trenching was also used to fill topographically low areas of the basement. After completing installation of the trenching and associated vapor extraction laterals/manifolding, the basement floor was covered with peastone provided by Valente Sand and Gravel of Wynantskill, New York. A vapor barrier was installed over the peastone prior to capping the basement floor area with concrete.

4.3.2 Excavation and Replacement of Waste Line

The April 2017 RAWP specified that the sewer waste line that runs from the building and beneath the City of Rensselaer Right of Way (ROW) into the municipal sanitary sewer line (beneath Partition Street) would be replaced. This is because a video inspection of the line indicated that

there was a possible breach in the line beneath the City ROW where it transitions from cast-iron to what appears to be clay tile.

Additional line cleaning and video inspection subsequent to the April, 2017 RAWP indicated that the line was in repairable condition and could be repaired in-place. As such, Precision Industrial Maintenance, Inc. of Schenectady, New York was employed to line the existing waste line with a steam-cured fiberglass and epoxy repair system. The waste line was repaired on July 29, 2017. The portion of the waste line that was not repaired was abandoned using neat cement on August 8, 2017.

4.3.3 Decommissioning of Monitoring Wells and Soil Vapor Points

A total of 11 monitoring wells and four (4) vapor monitoring points have been associated with the site (**Figure 7**). Three (3) monitoring well locations are within the basement area of 800 Broadway, the remaining monitoring well (and vapor monitoring points) are within the City of Rensselaer ROW. The Site management plan directed that three (3) monitoring wells will remain in-place for future groundwater monitoring and, that the vapor monitoring points located within the City of Rensselaer ROW would be abandoned.

Abandonment of monitoring wells (MW-1, MW-3, MW-4 & MW-8) was completed in accordance with CP-43, the NYSDEC Groundwater Monitoring Well Decommissioning Policy (November, 2009) on August 4, 2017. That is, the PVC well casing was removed and the borehole tremie grouted with a cement-bentonite grout mixture to within 6.0-inches of grade. The abandoned wells within the City of Rensselaer ROW were finished with concrete to match the sidewalk area in which they were located. The three (3) wells located within the basement of 800 Broadway (MW-9, MW-10 & MW-11) were abandoned by removing the PVC well casing and, the borehole backfilled with bentonite chips. Monitoring well abandonment logs are attached hereto in **Appendix F**; the abandoned monitoring well locations are shown on Figure 7.

Soil vapor monitoring points (SV-1, SV-3, SV-4 & SV-5) were abandoned by removing the $^{1}/_{8}$-inch diameter tubing from the borehole and backfilling the borehole to within six (6.0) inches of grade with granular bentonite. As with the abandoned monitoring wells, the soil vapor points located within the City of Rensselaer ROW were finished with concrete to match the sidewalk; SV-1 was finished with adjacent borrowed topsoil. Abandonment logs for the soil vapor monitoring points are included in Appendix F.

4.3.4 Cover System

The RAWP directs that AOC-1, an approximately 300 ft^2 undeveloped area in the eastern portion of the property, be capped with a composite cover system. The purpose of this cover system is to prevent exposure to residually impacted soil underlying AOC-1. This cover system, as constructed, is a composite that consists of 12-to-36-inches of compacted silty/sandy/gravelly sub-base placed on top of a geotextile fabric demarcation layer. The compacted sub-base is capped with an approximately 6.0-inch thick layer of asphalt. The composite cover system is designed to accommodate the loading associated with delivery trucks, which will service the

facility once it is operating. The cover system cap was completed by Wainschaf Associates, of East Greenbush, New York on September 15, 2017. The location of the cover system over AOC-1 is shown on **Figure 8**.

In addition to the aforementioned cover system placed over AOC-1, the RAWP directs that any areas of utility replacement that may cross the City of Rensselaer ROW will be capped with a similar material if those utilities need to be accessed. Specifically, if a city sidewalk needs to be removed in order to access a municipal infrastructure, then the concrete replacement will meet the City specifications; likewise, if a roadway area needs to be removed in order to access a municipal infrastructure, then the asphalt capping will meet City specifications.

4.3.5 Sub-Slab Depressurization System

Installation of the 15 SSD system vapor extraction laterals and associated manifold legs (Figure 6), was completed concurrently with the excavation of basement soil described in Section 4.3.1. The laterals are connected to three (3) individual manifold legs that penetrate the north-facing exterior wall of the on-site building. The laterals are constructed with 3.0-inch inside diameter PVC piping pitched at an approximate two-percent slope. The purpose of the sloping is to allow condensation within the laterals (if any) to drain back into the ground. The perforated laterals are encapsulated with peastone. The peastone was covered with a polyethylene sheeting vapor barrier and capped with the basement concrete slab.

The SSD system is designed for continuous, 24-hour operation via the three (3) individually-controlled manifold legs that extend to two (2) RadonAway HS-5000 fans/blowers that are mounted on eastern half of the north facing exterior wall of the building. As shown on Figure 6A and summarized in **Table 2** below, manifold Leg-1 and Leg-2 draw sub-slab vapor from the central portion and northern side (respectively) of AOC-2 and are connected to Fan/Blower-1; manifold Leg-3 draws sub-slab vapor from the southern side of AOC-2 and is connected to Fan/Blower-2. Each manifold leg is equipped with a ball valve to control airflow; a vacuum gauge, and; an access port for collecting airspeed measurements. Effluent piping from the blowers extends up the north-facing exterior wall to a point approximately 3.0-feet above the roof line where the extracted soil vapor is discharged.

Table 2
SSD System Manifold Leg and Vacuum Extraction Lateral Associations

Manifold Leg	Location	Vacuum Extraction Laterals	Fan/Blower
Leg-1	Central Portion	LAT-1; LAT-2; LAT-3; LAT-4; LAT-5	Fan/Blower-1
Leg-2	Northern Side	LAT-6; LAT-7; LAT-8	
Leg-3	Southern Side	LAT-9, LAT-10; LAT-11; LAT-12; LAT-13; LAT-14; LAT-15	Fan/Blower-2

Note:
SSD system driven by two (2) RadonAway HS-5000 fans/blowers

Six (6) sub-slab vacuum monitoring points were also installed at selected locations within AOC-2

(Figure 6). The vacuum monitoring points are permanent, re-sealable perforations in the concrete slab that are used to verify that the SSD system is operating in a manner that satisfies the criteria specified by NYSDOH in their vapor intrusion guidance document (October, 2006). Specifically, the Guidance for Evaluating Soil Vapor Intrusion in the State of New York, with revisions, of October, 2006 (NYSDOH guidance) requires an induced vacuum of 0.004-inches of water column (H_2O) throughout the sub-slab area.

The SSD system was initially tested on August 29, 2017 in order to verify operational parameters. That is, the airspeed/airflow volume discharged via both fans/blowers and each of the three (3) manifold legs. Additionally, observed vacuum measurements were obtained from the six (6) sub-slab vacuum monitoring points in order to verify that the SSD system, once fully operational, would meet the minimum vacuum criteria required by the NYSDOH guidance. After completing the initial testing, the SSD fans/blowers were removed from the manifolding so that construction activities could continue.

The SSD fans/blowers were reinstalled/returned to the manifolding on October 31, 2017 after construction activities relating to the site building were completed. Operation of the SSD system commenced at that time. Operational data collected from the SSD system approximately four (4) hours after it was restarted is included in **Table 3** below. The SSD system has been operating continuously since it was re-started on October 31, 2017. As-built drawings for the SSD system, signed and sealed by a professional engineer, are included in **Appendix F**.

Table 3
Operational Data – SSD System
October 31, 2017

	Airspeed	Flow	Total VOC via PID	Observed Vacuum
Fan/Blower-1	2,350	50.8	2,120	NA
Fan/Blower-2	2,320	50.2	1,108	NA
Leg-1	482	23.7	1,910	NA
Leg-2	645	31.6	850	NA
Leg-3	1,030	50.5	910	NA
MP-1	NA	NA	NA	0.078
MP-2	NA	NA	NA	0.100
MP-3	NA	NA	NA	0.066
MP-4	NA	NA	NA	0.066
MP-5	NA	NA	NA	0.097
MP-6	NA	NA	NA	0.032

Notes:
Airspeed in feet per minute (fpm). Measured in 3" pipe for manifold Leg-1, Leg-2 & Leg-3; measured in 2" pipe for Fan/Blower-1 and Fan/Blower-2
Flow in cubic feet per minute (ft^3/min)
Total VOC in parts per billion (ppb) as measured via photoionization detector (PID)
Observed vacuum in inches of water column (H_2O)
NA = Not Applicable

Verification of indoor air quality, as specified in the RAWP for the site, will be performed under the SMP for the site. Procedures for monitoring, operating and maintaining the SSD system are provided in Operation and Maintenance plan, which is included as an appendix to the SMP. The SMP also includes a monitoring plan (in Section 4) that addresses inspection procedures in the

event of a severe weather condition that may affect the on-site ECs.

4.3.6 Interior Wooden Subfloor

During the course of investigations at the site, an area of wooden sub-floor adjacent to a concrete equipment slab (located on the first floor of the building) was noted to be stained. Some of this flooring was also in structurally poor condition and the staining was believed to be related to site-related VOCs that penetrated the wood. The flooring could possibly serve as a continuing source of indoor air quality issues. Subsequent sampling of the wooden sub-floor, with analysis via the Toxicity Leachate Characteristic Procedure (TCLP), identified this flooring material as hazardous waste. As such, the wooden sub-floor from an approximately 11-foot by 22-foot area adjacent to the equipment slab was removed and disposed as hazardous waste. The flooring was later replaced during site restoration/remodeling.

The removed wooden flooring was transported to the Michigan Disposal Waste Treatment facility in Belleville, Michigan by EQ Northeast of Watertown, Connecticut (a division of US Ecology). A total of 400 lbs of PCE impacted wood flooring (waste codes F002, D039) was removed from the site and disposed. The laboratory analytical report and hazardous waste manifests relating to the wooden flooring is included in Appendix E.

4.3.7 Natural Gas and Municipal Water Service Lines

Subsequent to development and approval of the April, 2017 RAWP, an inspection of the existing natural gas and municipal water service lines for the site determined that new installations of both lines would be necessary. As such, these tasks were not included in the RAWP as a result of the unknown condition when that document was prepared. A work plan for replacement of that infrastructure was submitted to NYSDEC and approved on August 29, 2017. A copy of that work plan is included in the supporting documents (Appendix B) attached hereto.

Natural Gas Service Line

The new natural gas line was installed on September 14, 2017 (**Figure 9**). CAMP monitoring and soil headspace screening via photoionization detector (PID) was conducted during the installation of both lines. The screening of the soil encountered during the natural gas line excavation did not indicate any visual or olfactory evidence of impact. Headspace concentrations of total volatile organic compounds (VOCs), measured via screening with a PID, were generally 1.0 ppm or less. One erroneous reading of 18 ppm was recorded in the area adjacent to the southeast corner of 800 Broadway. The soil from that portion of the natural gas line trenching (or, any portion of the natural gas line trenching) did not indicate any olfactory or visual evidence of impact relating to the site. As such, the erroneous reading is believed to be related to moisture/humidity deflection associated with rainfall during the previous overnight and weather conditions at the time of headspace screening.

Prior to commencing with the natural gas line excavation (and regrading of AOC-1), a soil sample was collected and analyzed for hazardous waste characteristics via TCLP, as well as PCBs, corrosivity, pH, flash point, ignitability, reactivity (cyanide and sulfide) and paint filter. The

purpose of this sampling was to pre-characterize the soil for disposal purposes. The analytical results (included in Appendix E) indicate that VOCs, semi-VOCs, pesticides, herbicides and PCBs were "ND". Two (2) of the eight (8) metals analyzed (barium and lead) were identified via the TCLP procedure at concentrations of 1.02 mg/l and 1.05 mg/l, respectively. These concentrations are well below the 100 mg/l (barium) and 5.0 mg/l (lead) hazardous waste criteria for these analytes.

A total of 33.44 tons of soil was removed from the natural gas line trench and AOC-1 during the excavation activities. This soil was temporarily stored in two (2) 20 cubic yard (yd^3) roll-off containers until they were transported by Environmental Soil Management, Inc. (ESMI) to their treatment facility located in Fort Edward, New York for thermal desorption. The laboratory analytical report and manifesting for the soil disposal from this area is included in Appendix E.

Once the natural gas service line trenching was completed, the bottom of the trench was lined with approximately 6.0-inches of native soil that was deemed to be suitable for bedding material by the crew in charge of the natural gas line installation. No evidence (via visual, olfactory or headspace screening) of impact was noted in this bedding material. Once the natural gas service line was in place, geotextile demarcation fabric was placed over the new natural gas line and entire AOC-1 area, and Item 4 fill material (a mixture of silt, sand and gravel) was placed over the geotextile and compacted with a walk behind rammer-sytle tamper. This fill material was sourced from the Carver Sand and Gravel LLC pit located in Halfmoon, New York. After compaction, AOC-1 (including the natural gas line area) was brought to final grade via approximately 4.0-inches of asphalt binder and a 2.0-inch asphalt top coat.

Water Service Line

The new municipal water line was installed on September 27, 2017 (Figure 9). CAMP monitoring and soil headspace screening via PID was conducted during the water line installation. The screening of the soil encountered during the water line excavation did not indicate any visual or olfactory evidence of impact. Headspace concentrations of total VOCs, measured via screening with a PID, were generally 1.0 ppm or less.

Prior to commencing with the water line excavation, a soil sample was collected and analyzed for hazardous waste characteristics via TCLP, as well as PCBs, corrosivity, pH, flash point, ignitability, reactivity (cyanide and sulfide), paint filter, gasoline-range organics (GRO) and diesel range organics (DRO).. The purpose of this sampling was to pre-characterize the soil for disposal purposes. The analytical results (included in Appendix E) indicate that VOCs, semi-VOCs, pesticides, herbicides, PCBs, GRO and DRO were "ND". One (1) of the eight (8) metals analyzed (barium) was identified via the TCLP procedure at concentrations of 0.65 mg/l. This concentration is well below the 100 mg/l hazardous waste criteria for this analyte.

A total of 1.5 tons of soil was removed from the water line excavation. This soil was transported by M.C. Environmental Services, Inc., of Glens Falls, New York to ESMI's treatment facility in Fort Edward, New York for thermal desorption. The laboratory analytical report and manifesting for

the soil disposal from this area is included in Appendix E.

Once the water line trenching was completed, the water service line was placed into the trench and bedded with Item 4 fill material from the Carver Sand and Gravel pit in Halfmoon, New York. The balance of the trench was backfilled with native soil and compacted to within approximately 5.0-inches of the concrete sidewalk surface. After completing the soil compaction, the water line trench was finished with approximately 5.0-inches of concrete in accordance with the City of Rensselaer specifications.

4.4 CONTAMINATION REMAINING AT THE SITE

The discussion provided in Section 1.1.1 (Nature and Extent of Contamination) of this document presents a summary of the contamination currently present at the site. As indicated previously, the COCs associated with this site are the VOCs TCE, PCE, cis-1,2 DCE and vinyl chloride; the metals lead (Pb), chromium (Cr) and mercury (Hg), and; the pesticide DDT. The summary tables included within the following sub-sections will present analytical data with respect to those compounds and constituents when they were identified in excess of applicable standards only.

4.4.1 Soil

The soil results summarized and presented herein include the subsurface soil samples collected from within both AOC-1 and AOC-2 as well as at off-site locations within the City of Rensselaer ROW. The location, depth and concentration of COCs remaining in AOC-1, AOC-2 and off-site is summarized and presented in **Figure 10A**; **Figure 10B** and **Figure 10C**, respectively.

Surface Soil; AOC-1:

The aforementioned impacted surface soil formerly located within AOC-1 was excavated to an approximate depth of 1.0-foot to 2.0-feet below existing surface grade concurrent with installation of the new natural gas line. The new natural gas line was installed in the immediate area adjacent to the foundation for 800 Broadway and on the west side of AOC-1. After completing the removal of impacted surface soil, trenching for the new natural gas line was run through AOC-1. The trenching associated with the natural gas line was up to 1.0-foot deeper than the remedial excavation in AOC-1. As such, the total depth of the trenched area associated with the natural gas line is as much as approximately 3.0-feet below grade at the time the excavation was advanced. The natural gas service line was placed on top of native soil bedding material and the entire AOC-1 area (including the newly installed natural gas line) was covered with geotextile fabric as a demarcation layer prior to backfilling with Item 4 natural fill sourced from the aforementioned Carver pit in Halfmoon, New York. The Item 4 backfill material was compacted and the entire AOC-1 area (including the new natural gas line area) was subsequently covered with approximately 4.0-inches of asphalt binder and 2.0-inches of asphalt topcoat.

Sub-Surface Soil; AOC-1:

One (1) soil boring (MW-7) was installed within AOC-1 during the investigations at the site. This borehole was advanced to a depth of 20-feet below grade and soil samples were collected at 3.5-

feet, 7.5-feet, 9.0-feet, 14.5-feet, and 19-feet below grade. Samples were analyzed for VOCs, semi-VOCs, PCBs, pesticides and metals. Lead was identified at concentrations of 85.9 mg/kg, 85.3 mg/kg and 207 mg/kg in the samples collected from 3.5-feet, 7.5-feet and 9.0-feet below grade. These concentrations are in excess of the unrestricted use SCO, and defined by 6NYCRR Part 375 but, below the residential use SCO. Mercury was identified in the samples collected 7.0-feet and 9.0-feet below grade at concentrations of 0.24 mg/kg and 0.35 mg/kg. Both of these concentrations are in excess of the unrestricted use SCO but, below the residential use SCO. **Table 4** summarizes the results of the subsurface soil remaining in AOC-1 that is in excess of the unrestricted use SCOs; the location of MW-7 is included on Figure 10A.

Table 4
Summary of Sub-Surface Soil Analytical Results in Excess of Unrestricted Use SCOs
AOC-1

	Contaminant of Concern							
	Volatile Organic Compound				**Metal**			**Pesticide**
	DCE	**PCE**	**TCE**	**VC**	**Pb**	**Cr**	**Hg**	**4,4'-DDT**
SCO	**0.25**	**1.3**	**0.47**	**0.02**	**63**	**30**	**0.18**	**0.0033**
Sample ID								
MW-7 @3.5'	-	-	-	-	85.9	-	-	-
MW-7 @7.5'	-	-	-	-	85.3	-	0.24	0.0055
MW-7 @9.0'	-	-	-	-	207	-	0.35	-
MW-7 @ 14.5'	-	-	-	-	-	-	-	-
MW-7 @19.5'	-	-	-	-	-	-	-	-

Notes:
Concentrations in milligrams per kilogram (mg/kg) SCO – Soil Cleanup Objective for unrestricted use per 6NYCRR Part 375
- Indicates that compound/constituent was not detected at a concentration that exceeded the applicable unrestricted use SCO

Sub-Surface Soil; AOC-2:

Three (3) soil borings were advanced within AOC-2 to an approximate depth of 10-feet during the remedial investigation. **Table 5** summarizes the results of the subsurface soil remaining in AOC-2 that is in excess of the unrestricted use SCOs; the location of the three (3) soil borings (MW-9, MW-10 & MW-11) is included on Figure 10B.

Table 5
Summary of Sub-Surface Soil Analytical Results in Excess of Unrestricted Use SCOs
AOC-2

	Contaminant of Concern							
	Volatile Organic Compound				**Metal**			**Pesticide**
	DCE	**PCE**	**TCE**	**VC**	**Pb**	**Cr**	**Hg**	**4,4'-DDT**
SCO	**0.25**	**1.3**	**0.47**	**0.02**	**63**	**30**	**0.18**	**0.0033**
Sample ID								
MW-9								
@ 3.5'	-	-	-	-	-	-	0.24	-
@ 4.0'	-	2.6	-	-	136	-	0.31	0.0055
@ 6.5'	-	-	-	-	85.1	-	0.26	-
@ 8.0'	0.33	-	-	-	361	-	3.06	-

Table 5
(continued)

	Contaminant of Concern							
	Volatile Organic Compound				Metal			Pesticide
	DCE	PCE	TCE	VC	Pb	Cr	Hg	4,4'-DDT
SCO	0.25	1.3	0.47	0.02	63	30	0.18	0.0033
Sample ID								
MW-10								
@ 3.5'	-	1.7	-	-	198	-	0.41	-
@ 5.5'	-	1.5	-	-	-	-	-	-
@ 6.5'	-	6.3	1.1	-	154	-	0.21	-
@ 9.5'	0.38	4.4	0.71	-	NA	-	NA	-
MW-11								
@ 2.5'	-	-	-	-	114	-	0.37	-
@ 3.5'	-	-	-	-	247	-	1.72	-
@ 7.5'	-	-	-	-	90	30.8	-	-
@ 9.0'	-	-	-	-	-	-	-	-
@ 10'	-	-	-	-	-	-	-	-

Notes:
Concentrations in milligrams per kilogram (mg/kg)
SCO – Soil Cleanup Objective for unrestricted use per 6NYCRR Part 375
- Indicates that compound/constituent was not detected at a concentration that exceeded the applicable unrestricted use SCO

Sub-Surface Soil; Off-Site:

Two (2) soil borings (MW-6 & MW-8) were advanced in the off-site area to an approximate depth of 10-feet during the remedial investigation. Well MW-6 is located in the City of Rensselaer ROW on the west side of AOC-2 and MW-8 is located within the ROW on the south side of AOC-2. **Table 6** summarizes the results of the subsurface soil remaining in the off-site area that is in excess of the unrestricted use SCOs; the location of the two (2) soil borings is included on Figure 10C.

Table 6
Summary of Sub-Surface Soil Analytical Results in Excess of Unrestricted Use SCOs
Off-Site Area

	Contaminant of Concern							
	Volatile Organic Compound				Metal			Pesticide
	DCE	PCE	TCE	VC	Pb	Cr	Hg	4,4'-DDT
SCO	0.25	1.3	0.47	0.02	63	30	0.18	0.0033
Sample ID								
MW-6								
@ 4.0'	-	-	-	-	-	-	-	-
@ 6.0'	-	-	-	-	-	-	-	-
@ 10'	-	-	-	-	69.3	-	-	-
@ 13'	-	-	-	-	-	33.5		-
@ 17.5'	-	-	-	-	-	31.8	0.68	-
@ 17.6'	-	-	-	-	-	-	-	-
@ 18.1'	-	-	-	-	-	-	-	-
MW-8								
@ 3.0'	-	-	-	-	-	-	-	-
@ 8.0'	-	1.4	-	-	-	-	-	-
@ 11'	-	-	-	-	-	-	-	-
@ 15'	-	-	-	-	-	-	-	-
@ 20'	-	-	-	-	-	35.1	-	-

Notes:
Concentrations in milligrams per kilogram (mg/kg)
SCO – Soil Cleanup Objective for unrestricted use per 6NYCRR Part 375
- Indicates that compound/constituent was not detected at a concentration that exceeded the applicable unrestricted use SCO

4.4.2 Groundwater

Ten (10) groundwater monitoring wells have been associated with the site. One (1) well (MW-7) is located within AOC-1; three (3) wells (MW-9, MW-10 & MW-11) are located within AOC-2 and the remaining six (6) wells are off-site within the City of Rensselaer ROW. Monitoring well locations are shown on **Figure 11**; completion specifications are included on Table 1. **Table 7** provides a summary of the groundwater analytical results that are in excess of the NYSDEC standards for Class GA groundwater for samples collected on October 29, 2015; the distribution of the chlorinated volatile COCs identified during that sampling event are depicted on **Figure 12**.

Table 7
Summary of Groundwater Analytical Results in Excess of Class GA Groundwater Standards
October 29, 2015

	Contaminant of Concern							
	Volatile Organic Compound				**Metal**			**Pesticide**
Class GA	**DCE**	**PCE**	**TCE**	**VC**	**Pb**	**Cr**	**Hg**	**4,4'-DDT**
Standard	**5.0**	**5.0**	**5.0**	**2.0**	**0.025**	**0.05**	**0.0007**	**0.2**
Sample Location/ID								
AOC-1								
MW-7	-	-	-	-	-	-	-	-
AOC-2								
MW-9	14	200	16	-	-	-	-	-
MW-10	56	14	10	-	-	-	-	-
MW-11	NS	NS	NS	NS	NS	NS	NS	NS
OFF-SITE								
MW-1	-	-	-	-	-	-	-	-
MW-3	-	-	-	-	-	-	-	-
MW-4	-	-	-	-	-	-	-	-
MW-5	34	73	37	2.6	-	-	-	-
MW-6	-	-	-	3.5	-	-	-	-
MW-8	210	9.0	34	-	0.07	0.16	-	-

Notes:
Concentrations in micrograms per liter (ug/l)
Class GA Standard per 6NYCRR part 703
NS – Well Dry/Insufficient Water – Not Sampled
- Indicates that compound/constituent was not detected at a concentration that exceeded the applicable standard for Class GA groundwater

4.4.3 Soil Vapor/Indoor Air

Indoor air sampling was conducted at 800 Broadway on two (2) occasions (April 22 and May 29) in 2013. Soil vapor sampling was also conducted on May 29, 2013. Off-site soil vapor intrusion will be evaluated and mitigated as needed separately under the State Superfund Program (Site No. C442043A). The on-site conditions with respect to soil vapor intrusion are described below. As described previously herein, an SSD system was installed at the site in order to mitigate soil vapor intrusion.

The vapor intrusion samples were collected from AOC-2 at the locations shown on **Figure 13** and include an indoor air sample (IA-02) only on April 22 and, a sub-slab soil vapor (SV-01), indoor air (IA-02) and ambient air (AA-02) sample on May 29. The analytical results are summarized on **Table 8** below.

The results presented in Table 8 summarize the detected concentrations of three (3) compounds in the soil vapor and/or indoor air samples. These include two (2) site-related COCs (PCE and

TCE) as well as carbon tetrachloride. These three (3) compounds are included on Table 8 because they are either site-related COCs or, are also included in the NYSDOH Decision Matrices (Matrix A & Matrix B) of the May, 2017 revision of the NYSDOH guidance for soil vapor intrusion (October, 2006). The other site-related COCs (DCE and VC) and compounds included in the NYSDOH Decision Matrices (1,1,1-trichloroethane and methylene chloride) were not identified in the samples analyzed.

Table 8
Summary of Soil Vapor Analytical Results – AOC-2 (800 Broadway)

Sample ID	Volatile Organic Compound		
	PCE	TCE	Carb Tet
IA-02 (4-22)	0.64	-	0.54
SV-01 (5-29)	5,100	30	-
IA-02 (5-29)	1.0	-	0.36
AA-02 (5-29)	0.26	-	0.46

Notes:
Concentrations in micrograms per cubic meter (ug/m^3)
Carb Tet = Carbon Tetrachloride
- Indicates that compound was not detected

Based on the results presented in Table 8 and guidance provided by the NYSDOH decision matrices, the SSD system was installed in order to mitigate SVI into the basement area (AOC-2) of 800 Broadway.

4.5 OTHER ENGINEERING CONTROLS

Since soil, soil vapor and groundwater remain at the site that are impacted with site-related COCs, ECs are required in order to protect human health and the environment. As described previously, the site has the following ECs:

- Cover System (AOC-1), and ;
- SSD System (AOC-2).

These ECs were previously described herein and, are described further in the following subsections.

4.5.1 Cover System

The cover system is a composite that consists of 12-to-36-inches of compacted silty/sandy/gravelly sub-base placed on top of a geotextile fabric demarcation layer. The compacted sub-base is capped with a 5.0-inch thick layer of asphalt. The composite cover system is designed to accommodate the loading associated with delivery trucks, which will service the facility once it is operating.

An as-built drawing depicting the horizontal and lateral extent, as well as a conceptual cross-section of the cover system is included in **Appendix G**.

Procedures for monitoring the cover system are provided in the Operation and Maintenance plan included in Section 4.0 of the SMP. The SMP also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect the cover system.

4.5.2 Sub-Slab Depressurization System

The SSD system includes 15 vapor extraction laterals that are connected to two (2) RadonAway HS-5000 fans/blowers. Three (3) separate manifold legs convey sub-slab vapor from the vapor extraction laterals to the HS-5000 fans/blowers. As-built drawings of the SSD system are provided in Appendix G.

Vapor Extraction Laterals:

The vapor extraction laterals were constructed of 2.0-inch inside diameter (ID) schedule 40 PVC well screen ranging from 6.0-feet to 10-feet in length (depending on location). The laterals were placed within hand-dug trenching that ranges in depth from 10-inches to 12-inches below the original dirt floor of 800 Broadway. Where concrete or brick was present on the original floor, the concrete or brick was removed in order to facilitate installation of the trenching. The screened lateral was placed on top of approximately 1.0-inch of peastone and the remainder of the trenching was subsequently topped-off with pea stone to be level with the existing grade at that location.

Manifold Legs:

Each of the vapor extraction laterals were interconnected via three (3) manifold legs that included both below grade and overhead piping. The below grade portion of the manifold piping was installed within the hand-dug trenching and bedded in peastone (in similar fashion to the vapor extraction laterals). The three (3) manifold legs are as follows:

- Leg-1 is connected to the five (5) laterals located in the central portion of the basement area (LAT-1; LAT-2; LAT-3; LAT-4; LAT-5);
- Leg-2 is connected to the three (3) laterals on the northern side of the basement area (LAT-6; LAT-7; LAT-8) and;
- Leg-3 is connected to the seven (7) laterals located on the southern side of the basement area (LAT-9, LAT-10; LAT-11; LAT-12; LAT-13; LAT-14; LAT-15).

Once the 3.0-inch ID schedule 40 PVC manifold piping was placed in the trenching and sloped (2-percent to promote drainage of condensate toward the vapor extraction laterals), the manifold piping was vertically stubbed to extend above the proposed elevation of the concrete floor that would later be installed. The trenching (including the manifold piping) was topped-off with peastone to match existing grade and an additional 2.0-inches to 4.0-inches of peastone were spread across the floor in order to provide a zone of communication beneath the eventual sub-slab area. After levelling the peastone, a 10 millimeter thick layer of polyethylene sheeting was placed over the peastone as a vapor barrier. A 4.0-inch thick concrete floor was later placed over the vapor barrier.

The above grade portion of each manifold leg included a vertical riser that extended from the stub through the slab to allow an overhead horizontal run to a perforation in the north wall of the foundation where the piping exits the building. Each vertical riser is equipped with a ball valve to control flow from that manifold leg and a manometer to record vacuum. Manifold Leg-1 and Leg-3 are both equipped with a horizontal overhead portion; the riser for Leg-2 is located at the exit point in the foundation wall. After exiting the building, the manifold legs are stacked and run approximately 25 feet to the east along the north facing exterior wall of the building to the SSD fans/blowers.

Sub-Slab Depressurization Fans/Blowers:

Sub-slab depressurization is via the two (2) RadonAway HS-5000 fans/blowers that are mounted side-by-side on the eastern side of the north facing exterior wall of the building. Fan-1 draws sub-slab vapor from the central and northern portion of the sub-slab area via manifold Leg-1 and Leg-2, respectively. Fan-2 draws sub-slab vapor from the southern portion of the sub-slab area via manifold Leg-3. Discharge from both blowers is to individual 2.0-inch ID schedule 40 PVC discharge piping that is piped into a single 4.0-inch ID schedule 40 PVC effluent stack. The discharge piping extends vertically up the north facing exterior wall and terminates approximately 3.0-feet above the second story roof line.

Procedures for monitoring the SSD system are provided in the Operation and Maintenance plan included in Section 4.0 of the SMP. The SMP also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect operation of the SSD system.

4.6 INSTITUTIONAL CONTROLS

The site remedy requires that an environmental easement be placed on the property to (1) implement, maintain and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the site to restricted residential uses only.

The environmental easement for the site was executed by the Department on October 27, 2017, and filed with the Rensselaer County Clerk on October 27, 2017. The County Recording Identifier number for this filing is 2017-00523795]. A copy of the easement and proof of filing is provided in **Appendix H**.

4.7 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

There were four (4) notable deviations from the RAWP. These deviations have been previously discussed herein and pertain to the following:

- Basement soil removal;
- Waste line replacement;
- Replacement of natural gas and municipal water lines, and;
- Verification of indoor air quality.

All deviations from the RAWP were approved by NYSDEC prior to their implementation. Documentation of NYSDEC's approval of these deviations is provided in **Appendix I**.

4.7.1 Basement Soil Removal

As detailed in Section 5.3.2.1 in the RAWP, the original intent for the basement soil excavated from the vapor extraction laterals and footing locations was that that soil would be disposed at an off-site location in accordance with State and Federal regulations. However, as detailed in Section 4.3.1 (Excavation of Basement Soil) of this document, an evaluation of soil quality indicated that there was no visual or olfactory evidence that the soil disturbed as part of the installation of the SSD laterals and manifolding had been negatively impacted by historic activities at the site. Headspace screening and subsequent laboratory analysis for the full list of VOCs and semi-VOCs verified that the basement soil had not been impacted.

Based on the fact that the basement soil was confirmed by laboratory analysis to meet the NYSDEC's SCO's for unrestricted use, NYSDEC concurred that the soil removed from topographically high areas in the basement could be used to fill topographically low areas. Additionally, soil removed from the trenching was also used to fill topographically low areas of the basement. As such, the basement soil originally scheduled for off-site disposal was re-distributed within the on-site basement area. After re-distribution and compaction, the soil floor of the basement was covered with peastone and a vapor barrier installed prior to capping the floor with concrete.

4.7.2 Waste Line Replacement

As detailed in Section 5.3.2.2 in the RAWP, the original intent for the sewer waste line that runs from the building and beneath the City of Rensselaer ROW into the municipal sanitary sewer line beneath Partition Street was that it would be replaced. Removal/replacement of this line, as originally planned, would have generated approximately 18 cubic yards of soil that would have had to been managed in accordance with State and Federal regulations. However, further video inspection of the line revealed that the waste line could be repaired in-situ by re-lining using a steam-cured fiberglass and epoxy repair system. As such, the waste line was repaired in-situ.

4.7.3 Replacement of Natural Gas and Municipal Water Lines

Subsequent to development and approval of the April, 2017 RAWP, an inspection of the existing natural gas and municipal water lines for the site determined that new installations of both lines would be necessary. As such, these tasks were not included in the RAWP as a result of the unknown condition when that document was prepared.

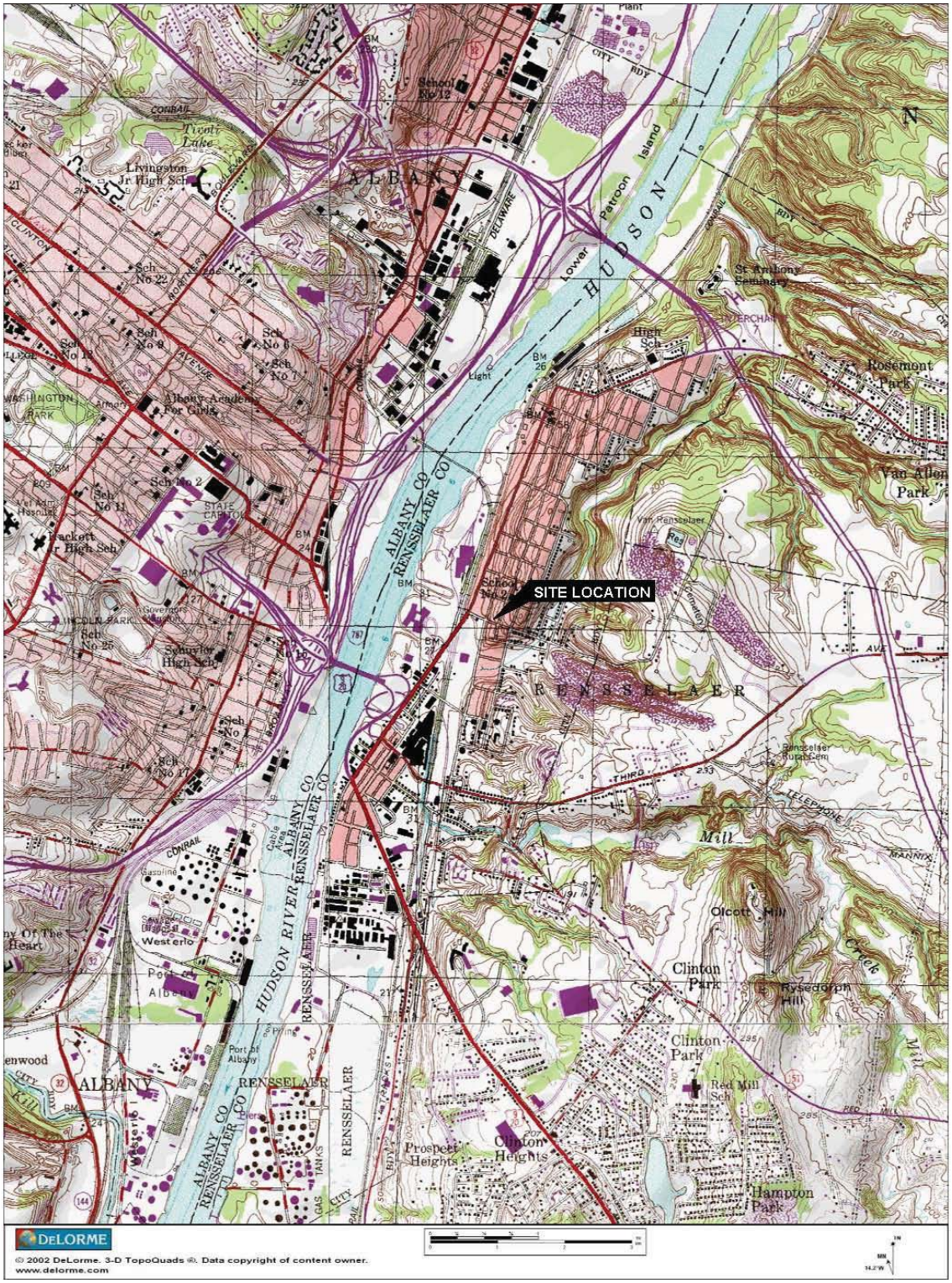
As indicated in Section 4.3.7 of this FER, a work plan for replacement of the natural gas and municipal water lines was submitted to NYSDEC and approved on August 29, 2017. All work associated with the installation of this infrastructure was in accordance with that work plan.

4.7.4 Verification of Indoor Air Quality.

Section 5.3.5 of the RAWP specifies that soil vapor intrusion sampling will be performed at the

site once the SSD system is installed and operating. However, time constraints have prevented collection of those samples (indoor and outdoor air samples) as part of the remedial construction activities. As directed in the NYSDEC-approved SMP, those samples will be collected during the 2017/2018 heating season after the SSD system has been operating for a minimum of 30 days.

FIGURES



Source: DeLorme Maps/Hanson Van Vleet Remedial Action Work Plan

Remediation • Environmental • Drilling Woman Owned Business Aztech Environmental TECHNOLOGIES	**SITE: Tim Bayly Property** 800 Broadway Rensselaer, New York Site No. C442043	Site Location Map
	FIGURE 1	

Source: Hanson Van Vleet Remedial Action Work Plan

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TECHNOLOGIES

SITE: Tim Bayly Property
800 Broadway
Rensselaer, New York
Site No. C442043

FIGURE 2

Site Survey Map

Source: Bing Maps/Hanson Van Vleet Remedial Action Work Plan

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TECHNOLOGIES

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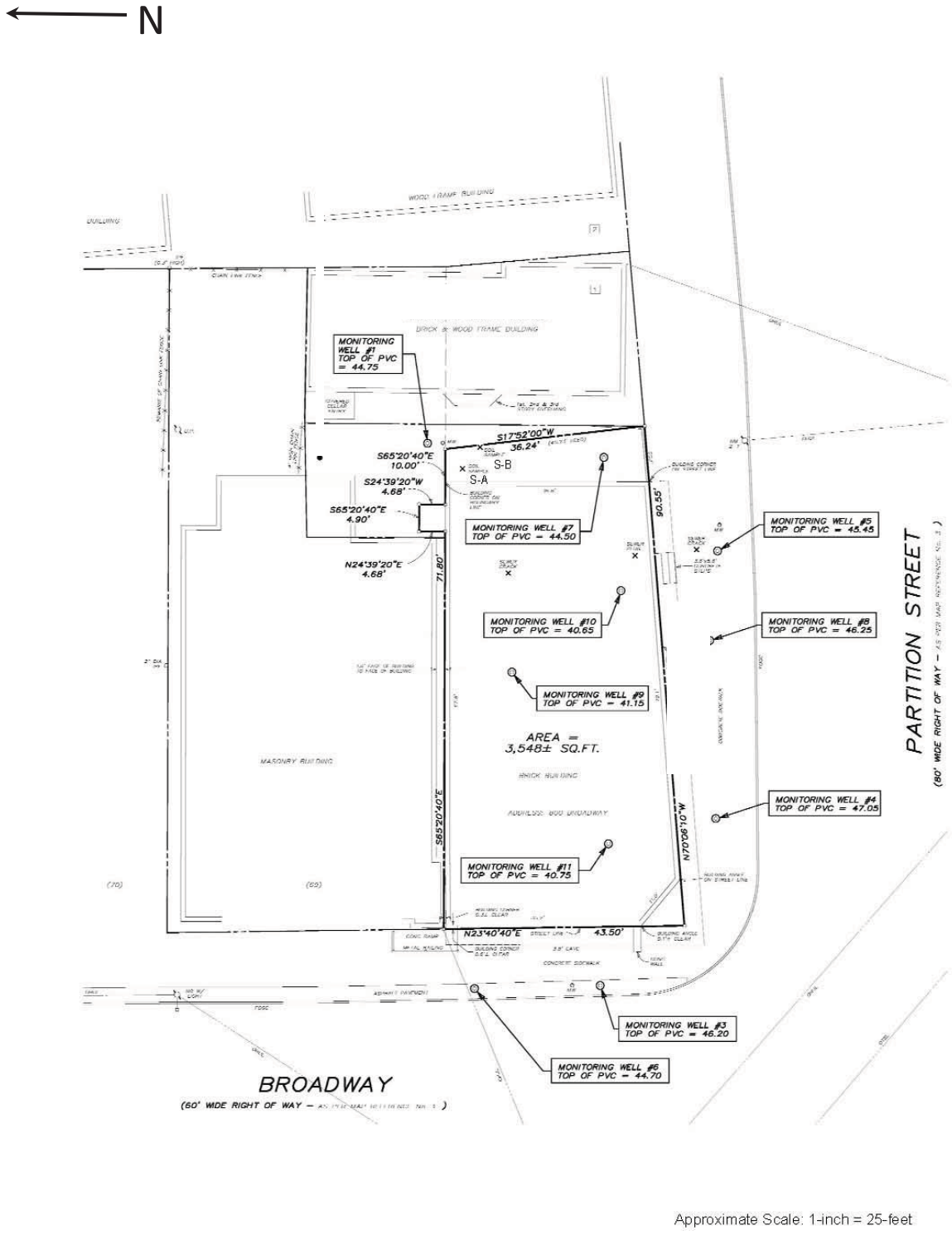
Rensselaer, New York
Site No. C442043

FIGURE 3

Aerial Photograph of Site and Surrounding Area



Approximate Scale: 1-inch = 25-feet

Source: Hanson Van Vleet Remedial Action Work Plan

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SITE: Tim Bayly Property
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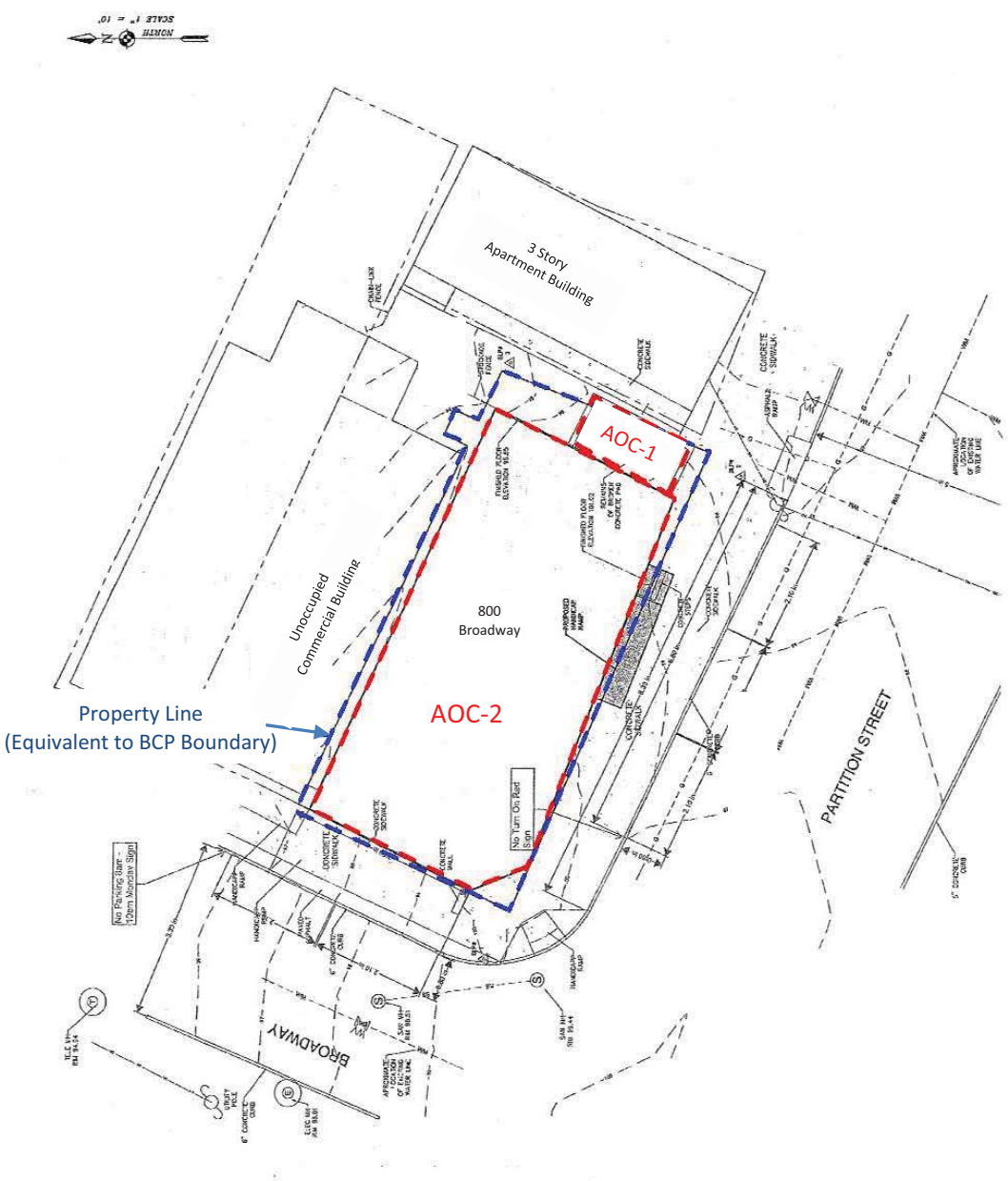
Rensselaer, New York
Site No. C442043

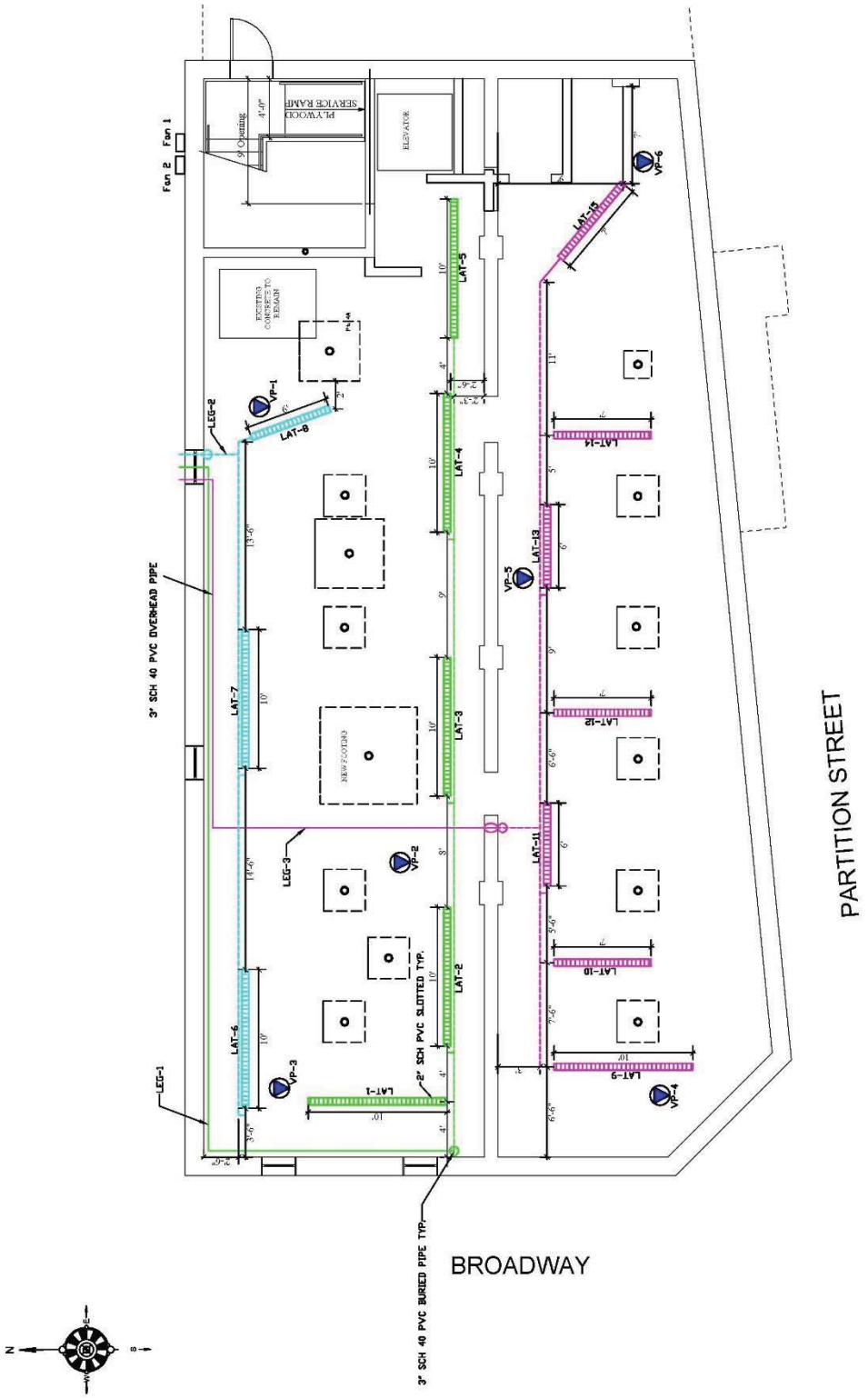
FIGURE 4

Soil Boring/Monitoring Well Locations



Source: Hanson Van Vleet Remedial Action Work Plan

Remediation • Environmental • Drilling Woman Owned Business Aztech Environmental TECHNOLOGIES	**SITE: Tim Bayly Property** 800 Broadway Rensselaer, New York Site No. C442043	Areas of Concern
	FIGURE 5	



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SITE: Tim Bayly Property
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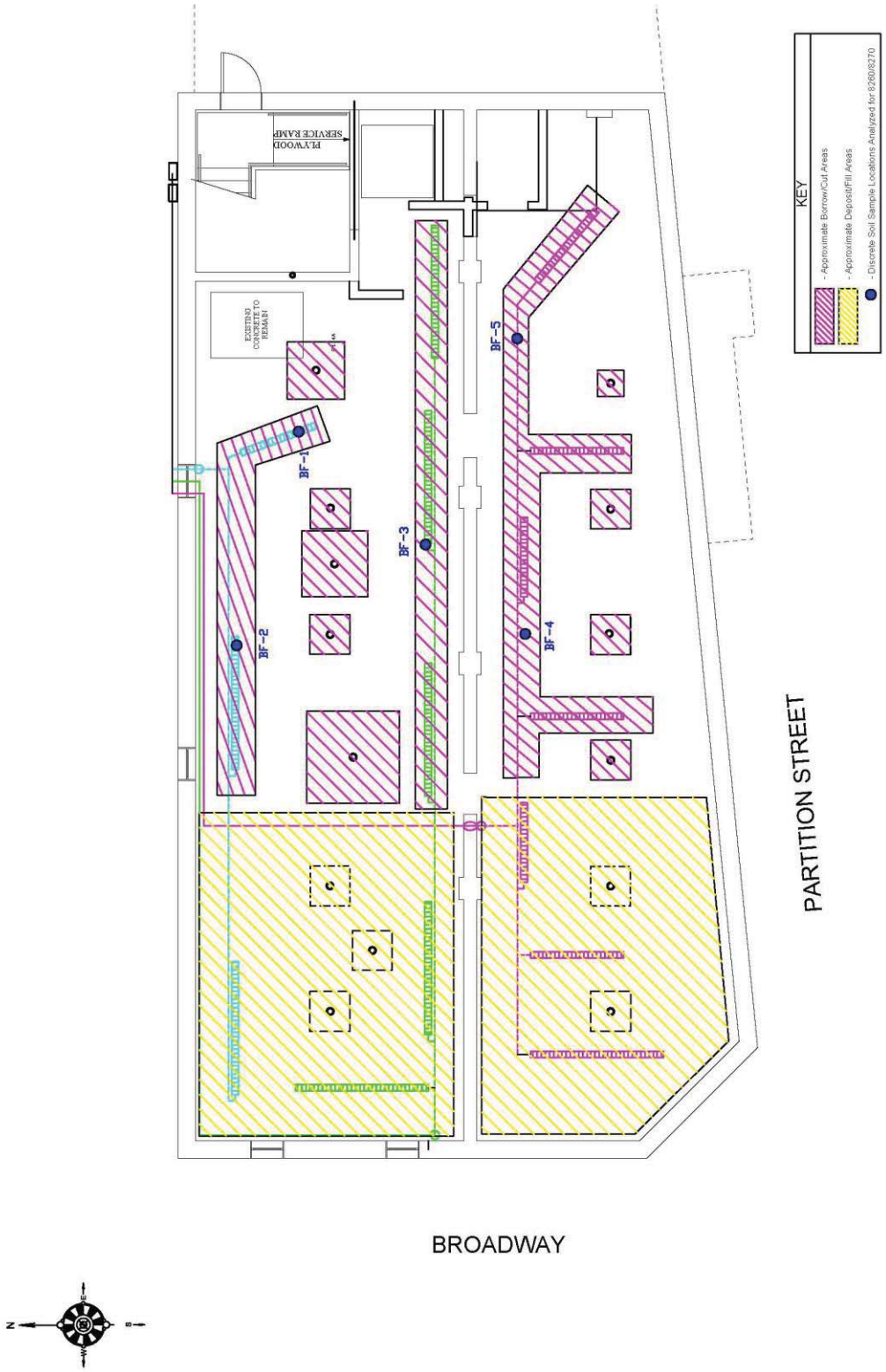
Rensselaer, New York
Site No. C442043

FIGURE 6A

SSD System Layout



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SITE: Tim Bayly Property
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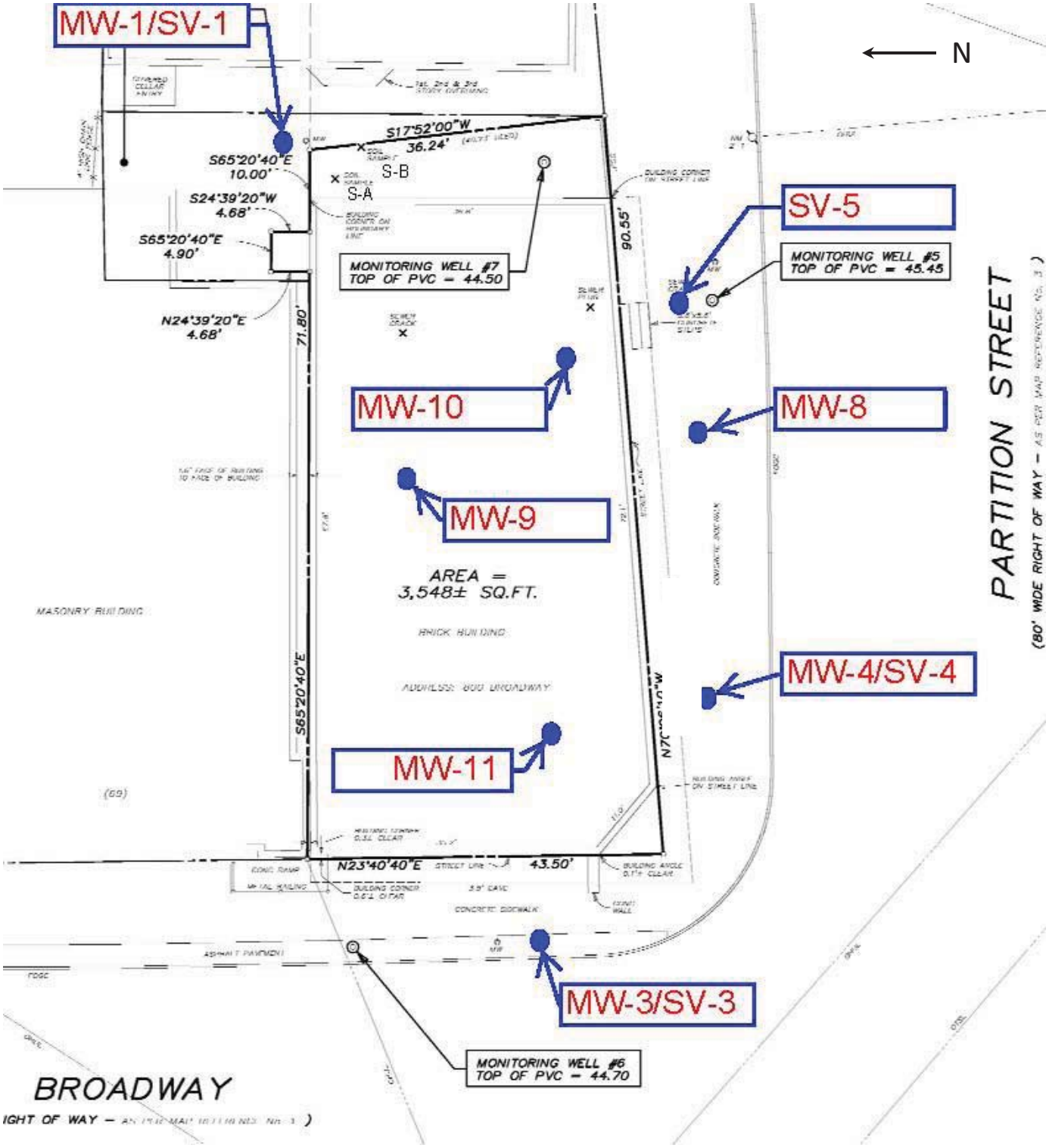
Rensselaer, New York
Site No. C442043

FIGURE 6B

Soil Sample Locations & Basement Cut/Fill Areas



Source: Hanson Van Vleet Remedial Action Work Plan

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SITE: Tim Bayly Property
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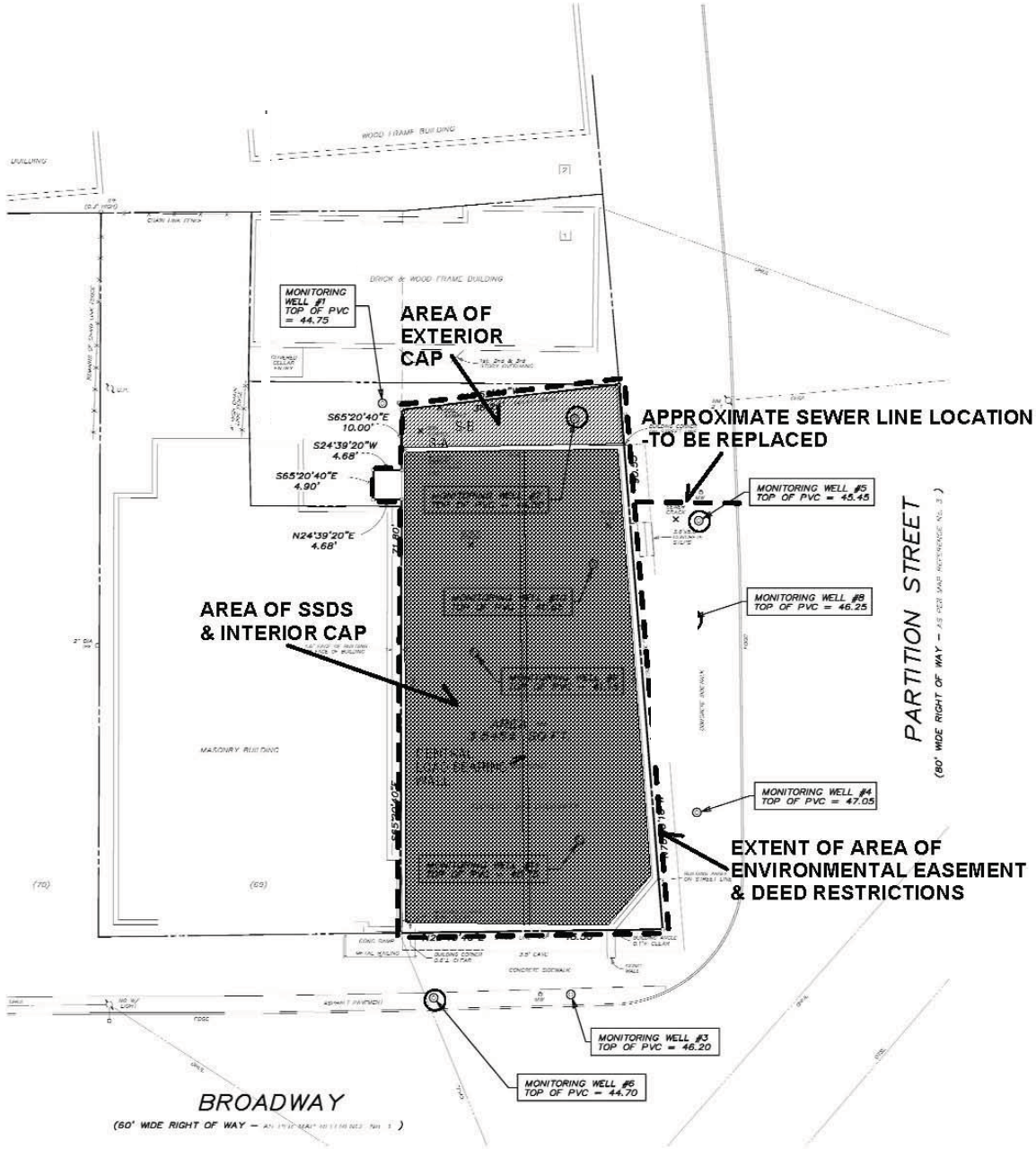
Rensselaer, New York
Site No. C442043

FIGURE 7

Decommissioned Monitoring Wells & Soil Vapor Sampling Points



Approximate Scale: 1-inch = 25-feet

Source: Hanson Van Vleet Remedial Action Work Plan

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SITE: Tim Bayly Property
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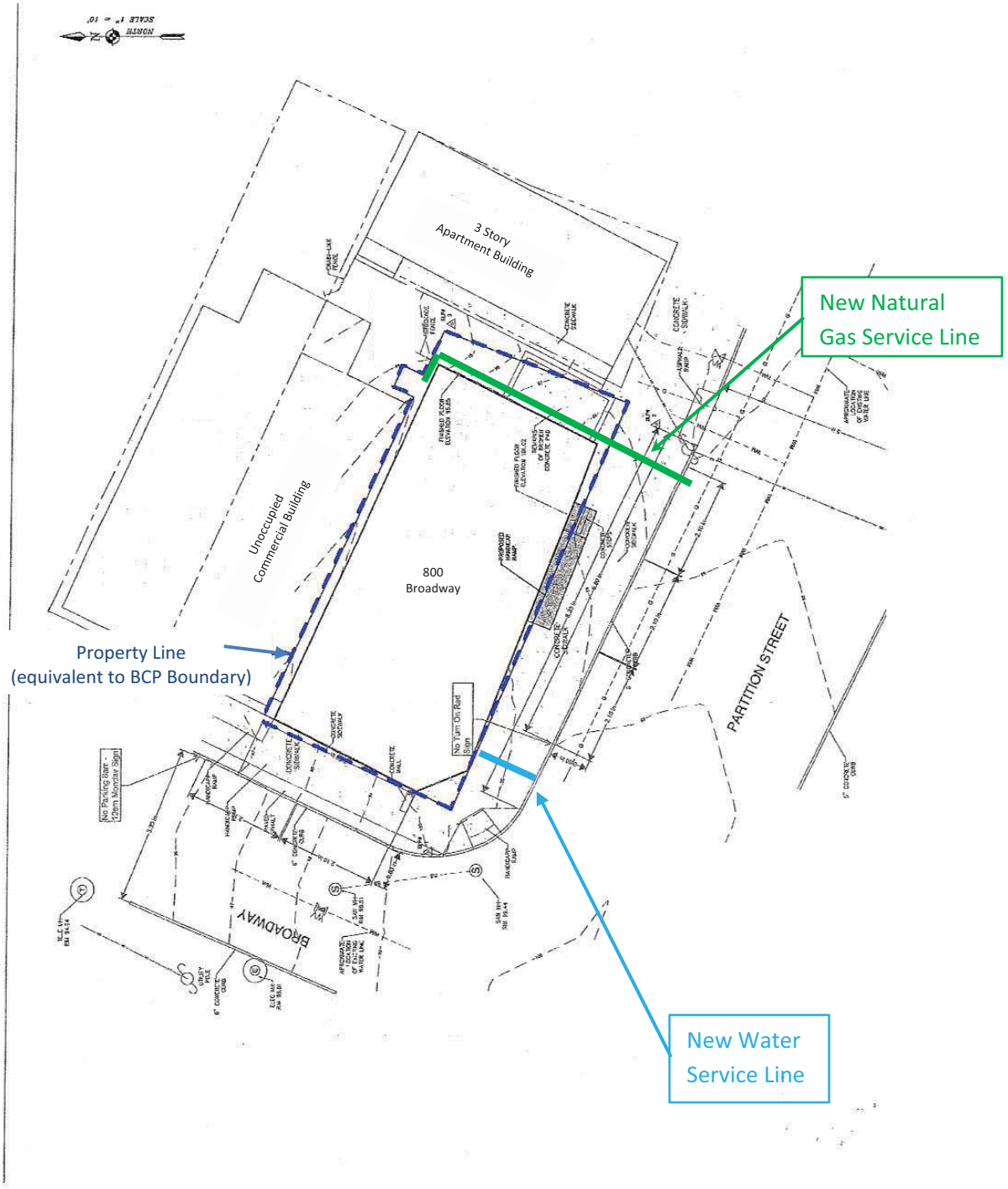
Rensselaer, New York
Site No. C442043

FIGURE 8

Elements of Remedy Approved in the Decision Document



Source: Hanson Van Vleet Remedial Action Work Plan

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SITE: Tim Bayly Property
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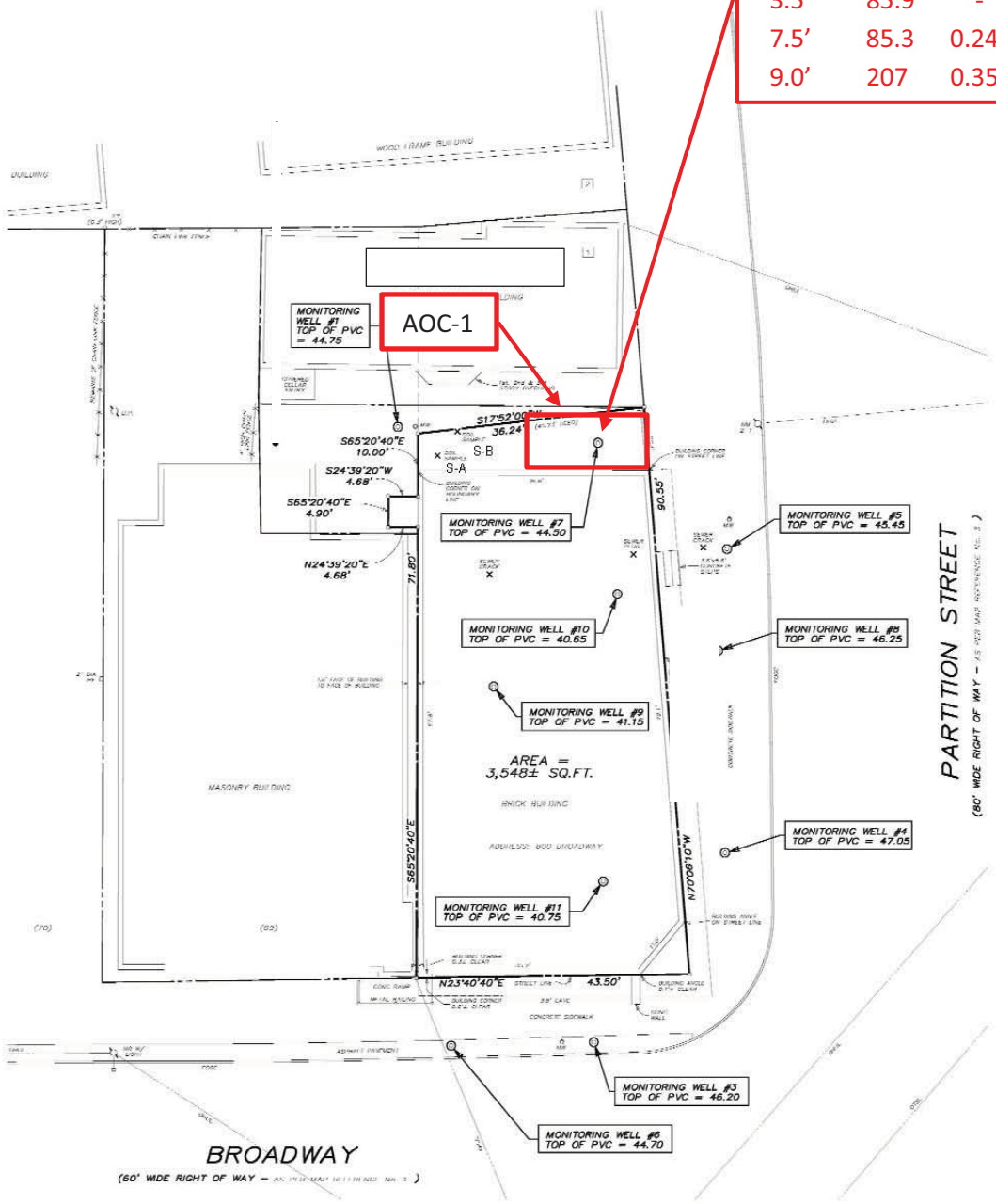
Rensselaer, New York
Site No. C442043

FIGURE 9

Location of New Natural Gas & Municipal Water Lines

MW-7			
DEPTH	Pb	Hg	DDT
3.5’	85.9	-	-
7.5’	85.3	0.24	0.0055
9.0’	207	0.35	-



Approximate Scale: 1-inch = 25-feet

Source: Hanson Van Vleet Remedial Action Work Plan

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SITE: Tim Bayly Property
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Rensselaer, New York
Site No. C442043

FIGURE 10A

Sub-Surface Soil Remaining in Excess of Unrestricted Use SCO’s – AOC-1

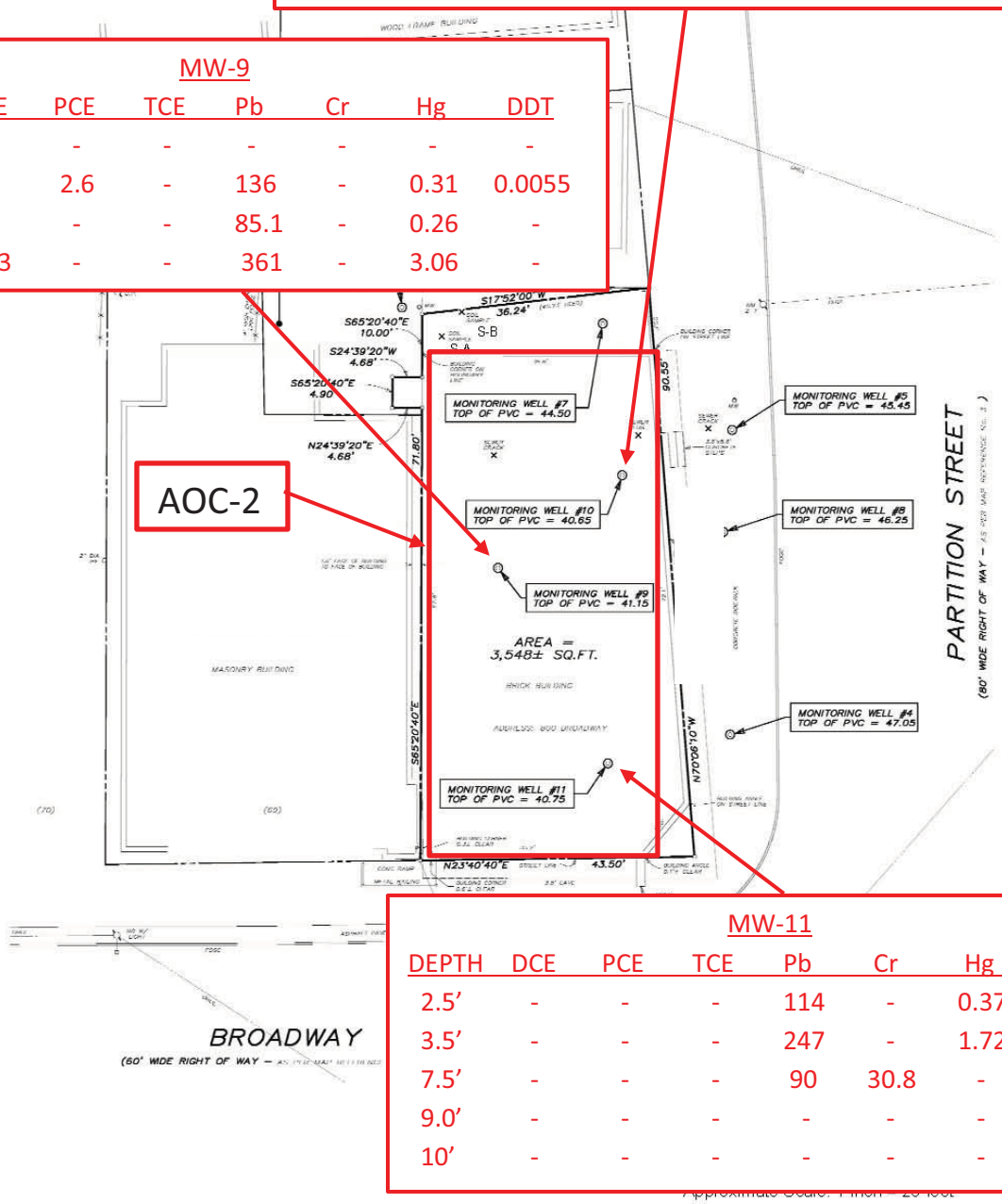
(Concentrations in milligrams per kilogram (mg/kg)

MW-10

DEPTH	DCE	PCE	TCE	Pb	Cr	Hg	DDT
3.5’	-	1.7	-	198	-	0.41	-
5.5’	-	1.5	-	-	-	-	-
6.5’	-	6.3	1.1	154	-	0.21	-
9.5’	0.38	4.4	0.71	NA	-	NA	-

MW-9

DEPTH	DCE	PCE	TCE	Pb	Cr	Hg	DDT
3.5’	-	-	-	-	-	-	-
4.0’	-	2.6	-	136	-	0.31	0.0055
6.5’	-	-	-	85.1	-	0.26	-
8.0’	0.33	-	-	361	-	3.06	-



MW-11

DEPTH	DCE	PCE	TCE	Pb	Cr	Hg	DDT
2.5’	-	-	-	114	-	0.37	-
3.5’	-	-	-	247	-	1.72	-
7.5’	-	-	-	90	30.8	-	-
9.0’	-	-	-	-	-	-	-
10’	-	-	-	-	-	-	-

Source: Hanson Van Vleet Remedial Action Work Plan

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SITE: Tim Bayly Property
800 Broadway
Rensselaer, New York
Site No. C442043

FIGURE 10B

Sub-Surface Soil Remaining in Excess of Unrestricted Use SCO’s – AOC-2

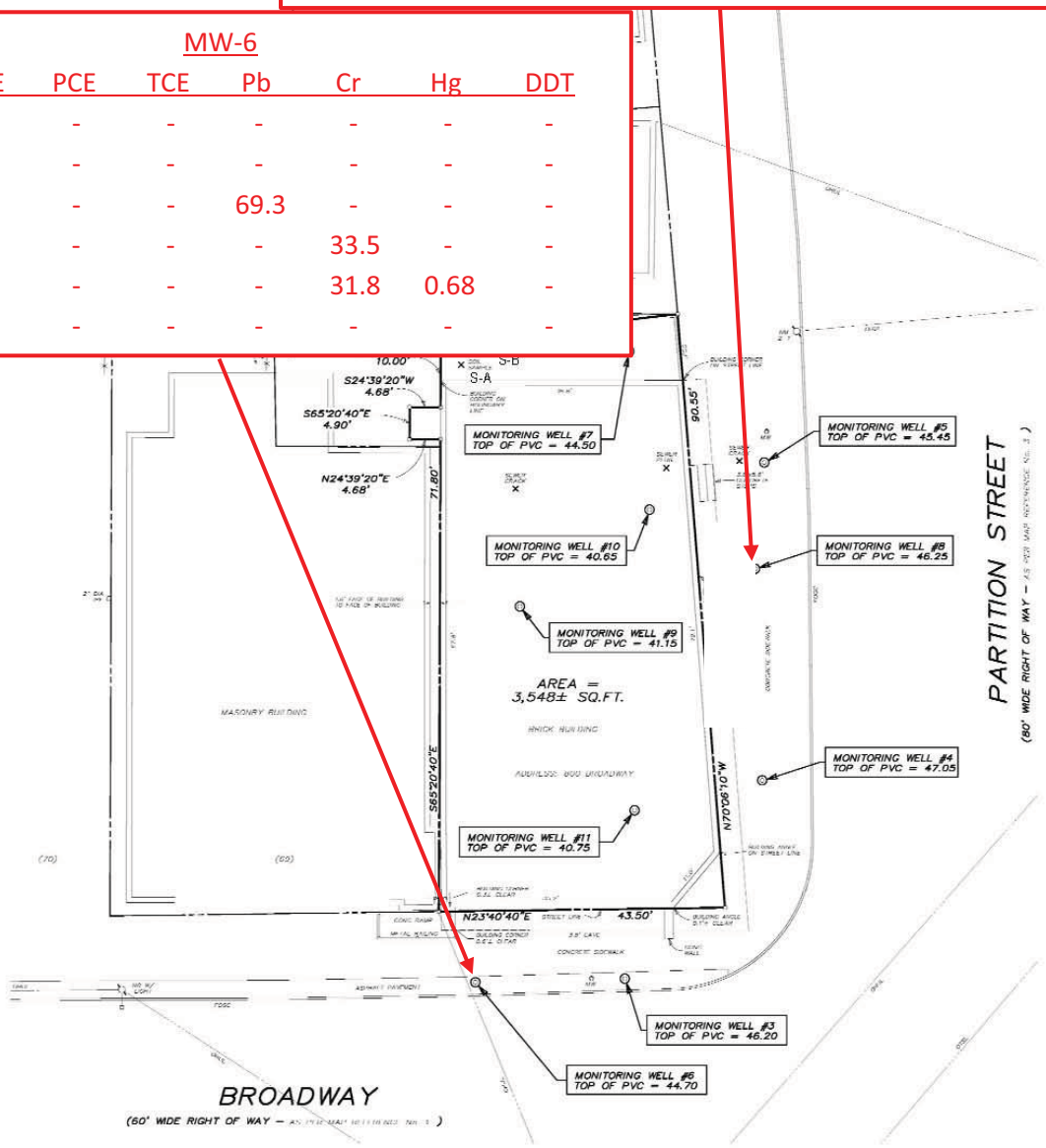
(Concentrations in milligrams per kilogram (mg/kg)

MW-8

DEPTH	DCE	PCE	TCE	Pb	Cr	Hg	DDT
3.0’	-	-	-	-	-	-	-
8.0’	-	1.4	-	-	-	-	-
11’	-	-	-	-	-	-	-
15’	-	-	-	-	-	-	-
20’	-	-	-	35.1	-	-	-

MW-6

DEPTH	DCE	PCE	TCE	Pb	Cr	Hg	DDT
4.0’	-	-	-	-	-	-	-
6.0’	-	-	-	-	-	-	-
10’	-	-	-	69.3	-	-	-
13’	-	-	-	-	33.5	-	-
17.5’	-	-	-	-	31.8	0.68	-
18.1’	-	-	-	-	-	-	-



Approximate Scale: 1-inch = 25-feet

Source: Hanson Van Vleet Remedial Action Work Plan

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SITE: Tim Bayly Property
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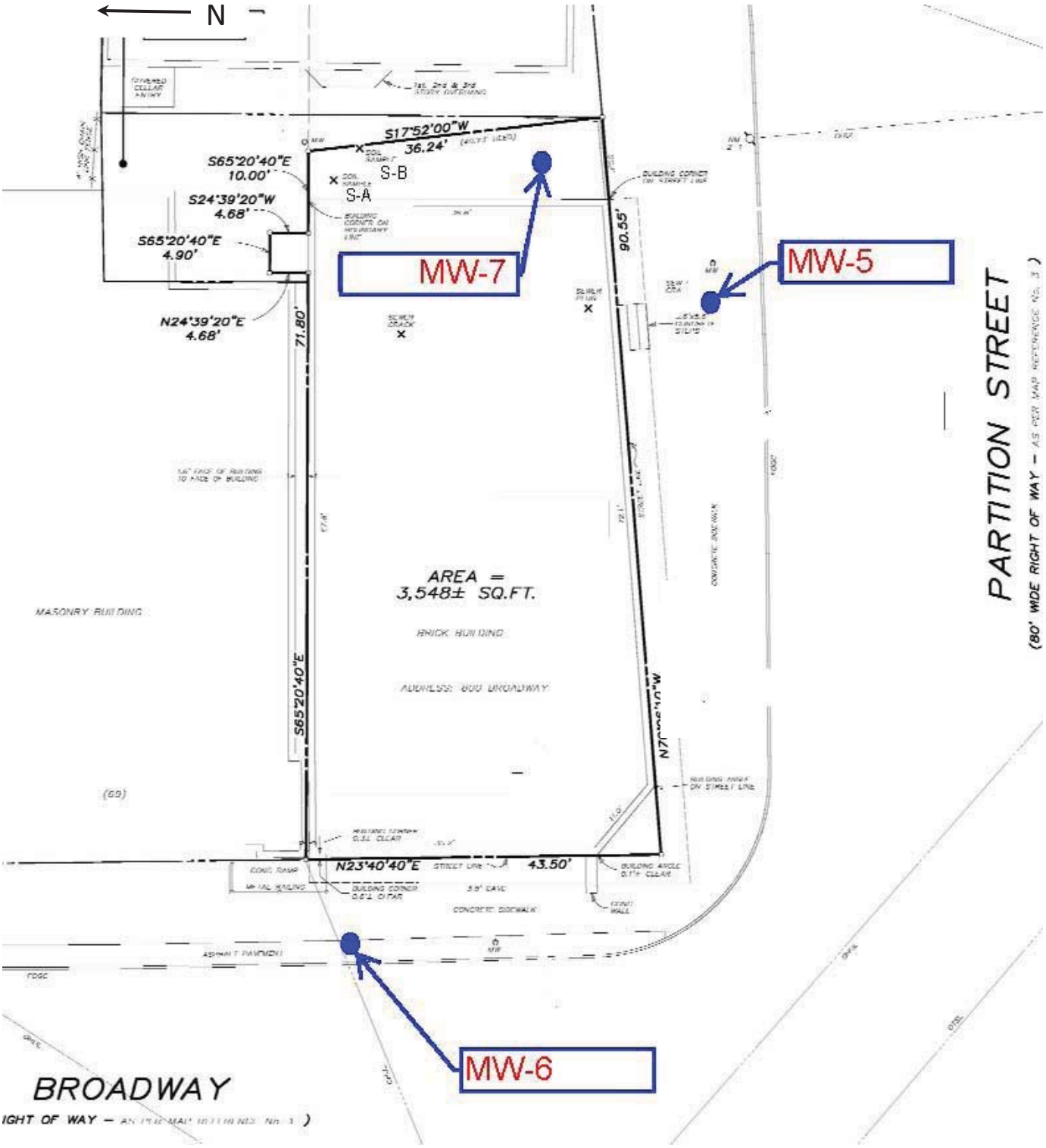
Rensselaer, New York
Site No. C442043

FIGURE 10C

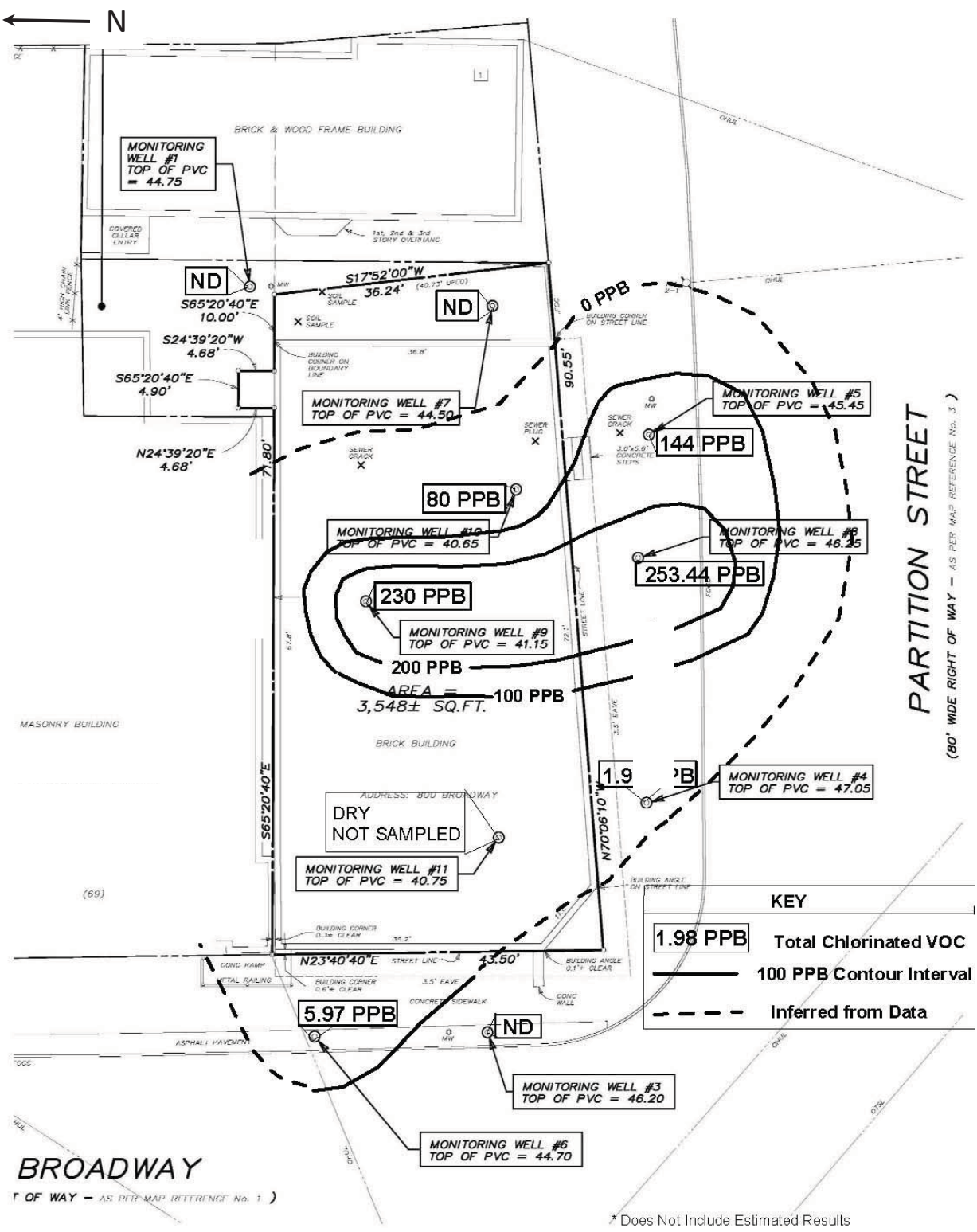
Sub-Surface Soil Remaining in Excess of Unrestricted Use SCO’s – Off-Site

(Concentrations in milligrams per kilogram (mg/kg)



Source: Hanson Van Vleet Remedial Action Work Plan

Remediation • Environmental • Drilling Woman Owned Business Aztech Environmental TECHNOLOGIES	**SITE: Tim Bayly Property** 800 Broadway Rensselaer, New York Site No. C442043	Current Monitoring Well Locations
	FIGURE 11	



Source: Hanson Van Vleet Remedial Action Work Plan

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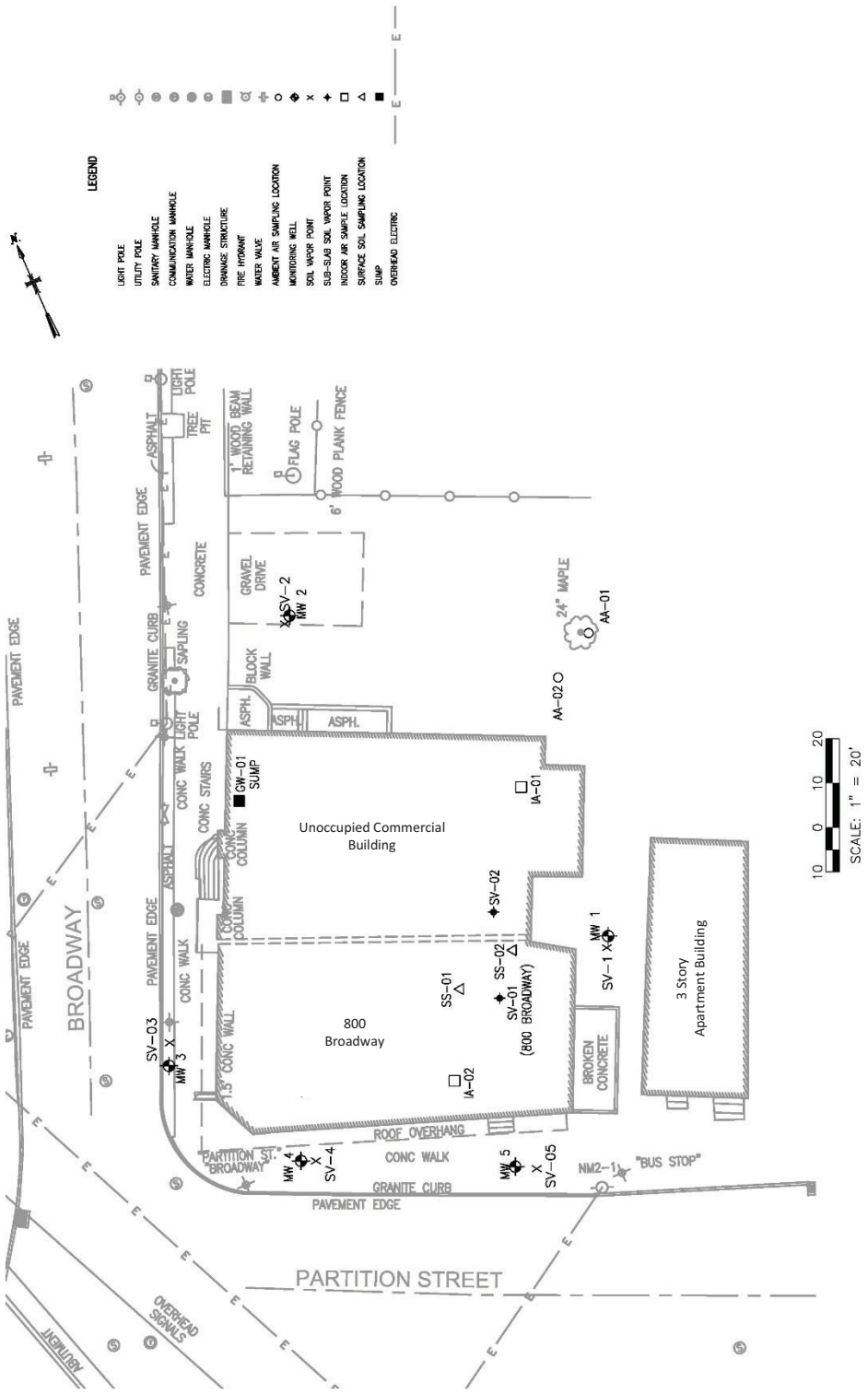
SITE: Tim Bayly Property
800 Broadway
Rensselaer, New York
Site No. C442043

FIGURE 12

Total Chlorinated VOC Distribution in Groundwater



Source: Arcadis Phase II Site Assessment

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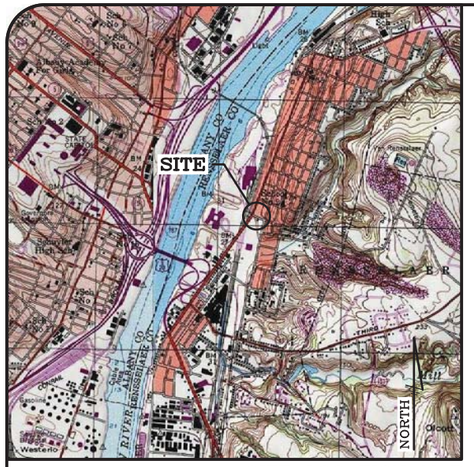
SITE: Tim Bayly Property
800 Broadway
Rensselaer, New York
Site No. C442043

FIGURE 13

Soil Vapor & Vapor Intrusion Sample Locations

APPENDIX A

SURVEY MAP, METES AND BOUNDS



SITE LOCATION MAP
SCALE: 1" = 2,000'

MAP REFERENCES:

1) RENSSELAER COUNTY REAL PROPERTY TAX MAP
CITY OF RENSSELAER
SECTION: 143.52
BLOCK: 3
LOT No.: 18

MAP ENTITLED: "RENSSELAER STREET LOTS"
FILED: RENSSELAER COUNTY CLERK'S OFFICE
DATE: OCTOBER 27, 1814
RECORDED: JUNE 14, 1832
PREPARED BY: EVERT Van ALLEN
DRAWER 38, MAP No. 23

MAP ENTITLED: "MAP OF PROPERTY OF EAST ALBANY IN GREENBUSH"
FILED: RENSSELAER COUNTY CLERK'S OFFICE
RECORDED: JUNE 22, 1857
DRAWER 25, MAP No. 21

DEED REFERENCE:

1) *RECORD TITLE* WARRANTY DEED
GRANTOR: TRACY SIEDHOFF
GRANTEE: TIM BAYLY DEVELOPMENT LLC
DATED: APRIL 29, 2013
RECORDED: JUNE 12, 2013
BOOK 6811 OF DEEDS AT PAGE 217

NOTES:

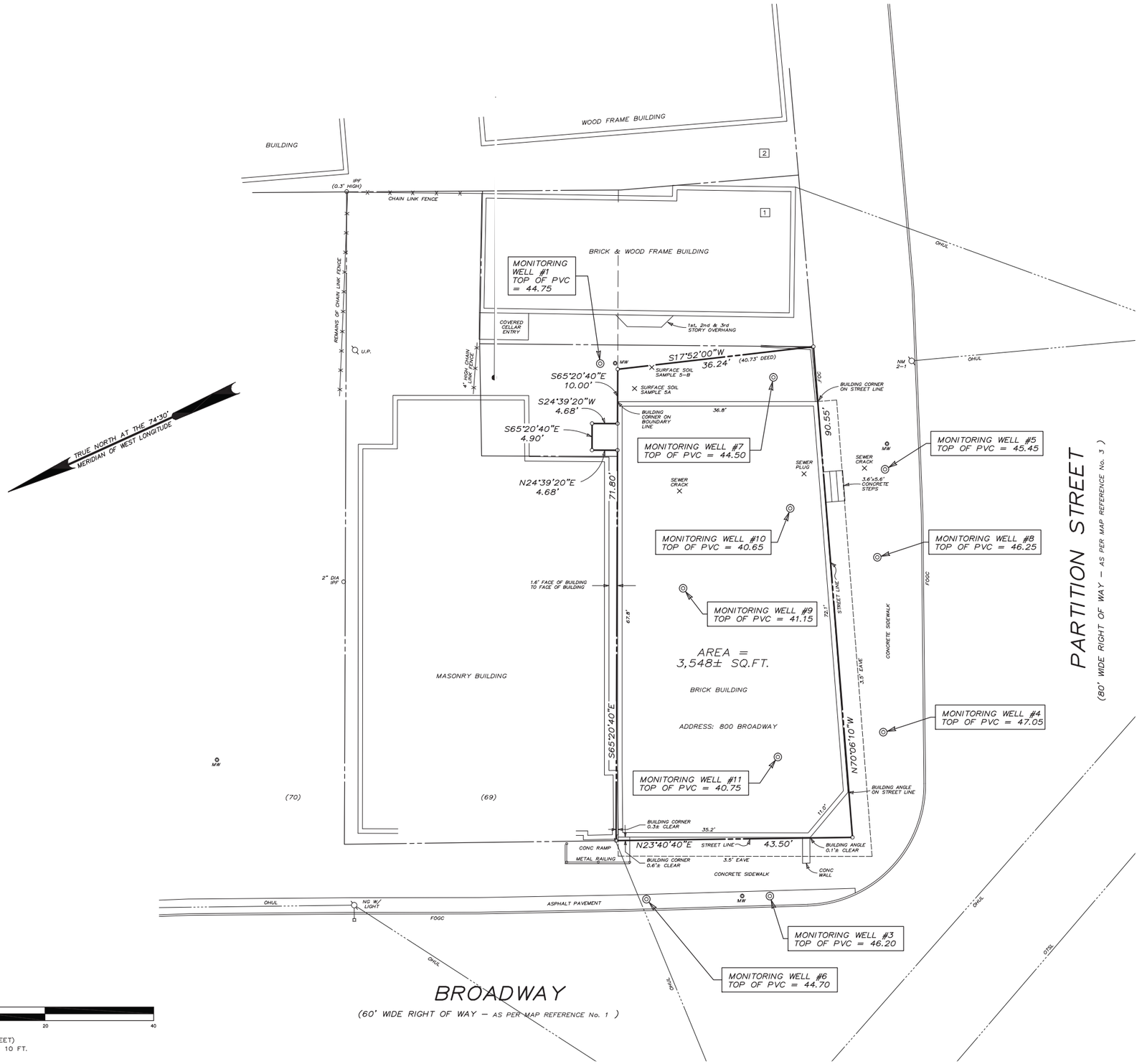
1) SURVEY AS PREPARED FOR TIM BAYLY DEVELOPMENT LLC.
2) NO FIELD MONUMENTATION SET.
3) ALL UNDERGROUND UTILITIES, IF ANY, NOT FIELD LOCATED.
4) THIS SURVEY WAS PREPARED WAS PREPARED WITHOUT THE BENEFIT OF AN UP-TO-DATE ABSTRACT OF TITLE AND IS MADE SUBJECT TO WHATEVER STATE OF FACTS SUCH A DOCUMENTS WOULD REVEAL.

LEGEND:

CONC DENOTES CONCRETE
DIA DENOTES DIAMETER
FOC DENOTES FACE OF CURB
FOGC DENOTES FACE OF GRANITE CURB
IPF DENOTES IRON PIPE FOUND
MW DENOTES MONITORING WELL
N/F DENOTES NOW OR FORMERLY
NG DENOTES NIAGARA MOHAWK UTILITY POLE
OHUL DENOTES OVERHEAD UTILITY LINES
OTSL DENOTES OVERHEAD TRAFFIC SIGNAL LIGHTS
PVC DENOTES LOT NUMBER AS PER MAP REFERENCE No. 2
(69) DENOTES PLASTIC PIPE
[2] DENOTES LOT NUMBER AS PER MAP REFERENCE No. 3

☒ COGO 13 JOB 37

GRAPHIC SCALE
10 0 10 20 40
(IN FEET)
1 INCH = 10 FT.



SURVEY OF LANDS OF TIM BAYLY DEVELOPMENT LLC

LOCATED AT 800 BROADWAY

CITY OF RENSSELAER RENSSELAER COUNTY, NEW YORK

MAY 3, 2016

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP
900 ROUTE 146 CLIFTON PARK, N.Y. 12065 (518) 371-7621
ENGINEERING LANDSCAPE ARCHITECTURE LAND SURVEYING

SHEET TITLE

REVISIONS	DATE	BY

TIMOTHY J. McALONEN
P.L.S. 50,471
tmcalonen@edplp.com

SCALE: 1" = 10'

SHEET No.

C:\Office Folders\cad 2014\CAD PROJECTS\NEW YORK\RENSSELAER\2016_UPDATE_MONITORING_WELL_SURVEY_800_BROADWAY_NYX.dwg Jun 10, 2016 10:45:21AM, TSH

SCHEDULE "A" PROPERTY DESCRIPTION

SURVEY DESCRIPTION
LANDS OF TIM BAYLY DEVELOPMENT LLC
LOCATED 800 BROADWAY
CITY OF RENSSELAER, NY

ALL THAT CERTAIN TRACT, PIECE OR PARCEL OF LAND SITUATE in the City of Rensselaer, County of Rensselaer, State of New York lying at the intersection of the easterly line of Broadway and the northerly line of Partition Street and being further bounded and described as follows:

Beginning at the point of intersection of the easterly line of Broadway with the northerly line of Partition Street;

Thence from said *Point of Beginning* along said easterly line of Broadway, North 23 deg. 40 min. 40 sec. East, 43.50 feet to the point of intersection of said easterly line with the common division line of lands now or formerly of 810 Broadway, LLC as conveyed in Book 5441 of Deeds at Page 302 to the north and the parcel of land herein being described to the south;

Thence along the common division line of said lands of 810 Broadway, LLC generally to the north and east and the parcel of land herein being described generally to the south and west the following six (6) courses and distances:

1) South 65 deg. 20 min. 40 sec. East, 71.80 feet to a point;

2) North 24 deg. 39 min. 20 sec. East, 4.68 feet to a point;

3) South 65 deg. 20 min. 40 sec. East, 4.90 feet to a point;

4) South 24 deg. 39 min. 20 sec. West, 4.68 feet to a point;

5) South 65 deg. 20 min. 40 sec. East, 10.00 feet to a point;

6) South 17 deg. 52 min. 00 sec. West, 36.24 feet to a point in the northerly line of Partition Street;

Thence along said northerly line of Partition Street, North 70 deg. 06 min. 10 sec. West, 90.55 feet to the point or place of beginning of said *parcel* and containing 3,548± square feet or 0.081± acres of land.

Said *parcel* made subject to any and all enforceable covenants, conditions, easements and restrictions of record as they may appear.

APPENDIX B

ELECTRONIC COPY OF FER WITH SUPPORTING DOCUMENTATION

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APPENDIX C

CAMP DATA

CAMP DATA
800 BROADWAY
RENSSELAER, NY

Excavation of Basement Soil

Instrument Name	DustTrak II	MiniRae 2000	**Instrument Name**	DustTrak II	MiniRae 2000
Model Number	8530		**Model Number**	8530	
Serial Number	8530172018	110-008551	**Serial Number**	8530171505	110-005462
Test Start Date	6/28/2017		**Test Start Date**	6/28/2017	

UPWIND			DOWNWIND		
Date & Time	**Dustrak PM10 [mg/m3] TWA**	**PID PPM (TWA)**	**Date & Time**	**Dustrak PM10 [mg/m3] TWA**	**PID PPM (TWA)**
6/28/2017			**6/28/2017**		
8:44:43	0.014	1.4	8:31:16	0.005	0.2
8:59:43	0.009	1.3	8:46:16	0.006	1.0
9:14:43	0.005	1.1	9:01:16	0.004	0.0
9:29:43	0.005	0.0	9:16:16	0.005	1.2
9:44:43	0.004	0.0	9:31:16	0.005	0.0
9:59:43	0.004	1.1	9:46:16	0.004	0.0
10:14:43	0.004	0.7	10:01:16	0.004	0.8
10:29:43	0.004	1.5	10:16:16	0.004	0.7
10:44:43	0.004	0.0	10:31:16	0.004	0.6
10:59:43	0.004	1.1	10:46:16	0.004	0.0
11:14:43	0.006	0.0	11:01:16	0.004	0.0
11:29:43	0.006	2.4	11:16:16	0.004	0.0
11:44:43	0.004	0.0	11:31:16	0.004	0.0
11:59:43	0.004	2.5	11:46:16	0.004	0.0
12:14:43	0.004	0.3	12:01:16	0.004	0.0
12:29:43	0.003	0.1	12:16:16	0.004	0.0
12:44:43	0.006	0.0	12:31:16	0.004	0.1
12:59:43	0.006	0.0	12:46:16	0.006	0.0
13:14:43	0.005	0.1	13:01:16	0.006	0.0
6/29/2017			**6/29/2017**		
8:37:05	0.002	0.0	8:40:22	0.003	0.1
8:52:05	0.002	0.0	8:55:22	0.003	0.0
9:07:05	0.002	0.0	9:10:22	0.003	0.0
9:22:05	0.002	0.0	9:25:22	0.003	0.0
9:37:05	0.002	0.0	9:40:22	0.003	0.0
9:52:05	0.002	0.0	9:55:22	0.003	0.0
10:07:05	0.002	0.3	10:10:22	0.003	0.4
10:22:05	0.004	0.0	10:25:22	0.004	1.1
10:37:05	0.004	0.0	10:40:22	0.004	0.3
10:52:05	0.004	1.1	10:55:22	0.004	0.3
11:07:05	0.006	0.0	11:10:22	0.004	0.0
11:22:05	0.011	2.4	11:25:22	0.004	0.0
11:37:05	0.009	0.1	11:40:22	0.004	0.0
11:52:05	0.004	0.8	11:55:22	0.004	0.0
12:07:05	0.004	0.3	12:10:22	0.004	0.0
12:22:05	0.003	0.1	12:25:22	0.004	0.0
12:37:05	0.006	0.0	12:40:22	0.004	0.0
12:52:05	0.006	0.0	12:55:22	0.006	0.8
13:07:05	0.006	0.3	13:10:22	0.006	0.4
13:22:05	0.004	0.1	13:25:22	0.006	0.0
13:37:05	0.004	0.0	13:40:22	0.005	0.3

CAMP DATA
800 BROADWAY
RENSSELAER, NY

UPWIND			DOWNWIND		
Date & Time	Dustrak PM10 [mg/m3] TWA	PID PPM (TWA)	Date & Time	Dustrak PM10 [mg/m3] TWA	PID PPM (TWA)
6/29/2017 (continued)			**6/29/2017 (continued)**		
13:52:05	0.005	0.0	13:55:22	0.005	0.2
14:07:05	0.004	0.0	14:10:22	0.004	1.5
14:22:05	0.004	0.0	14:25:22	0.004	1.1
14:37:05	0.003	0.3			
6/30/2017			**6/30/2017**		
9:01:42	0.004	0.1	9:08:13	0.007	1.2
9:16:42	0.004	1.5	9:23:13	0.004	0.9
9:31:42	0.006	0.4	9:38:13	0.004	1.3
9:46:42	0.006	0.3	9:53:13	0.004	1.1
10:01:42	0.006	0.1	10:08:13	0.003	0.4
10:16:42	0.006	0.0	10:23:13	0.003	0.4
10:31:42	0.006	0.3	10:38:13	0.003	0.5
10:46:42	0.006	0.0	10:53:13	0.005	0.1
11:01:42	0.006	0.7	11:08:13	0.006	0.0
11:16:42	0.006	0.4	11:23:13	0.004	0.0
11:31:42	0.006	0.0	11:38:13	0.004	0.0
11:46:42	0.01	0.0	11:53:13	0.004	0.0
12:01:42	0.003	0.0	12:08:13	0.004	0.0
12:16:42	0.003	0.8	12:23:13	0.007	0.6
12:31:42	0.003	0.5	12:38:13	0.007	1.9
12:46:42	0.003	3.0	12:53:13	0.005	0.6
13:01:42	0.003	0.0	13:08:13	0.004	0.5
13:16:42	0.003	0.0	13:23:13	0.006	0.6
13:31:42	0.003	0.0	13:38:13	0.005	0.5
			13:53:13	0.006	0.5
7/6/2017			**7/6/2017**		
8:35:37	0.006	0.1	8:32:09	0.006	0.3
8:50:37	0.006	0.3	8:47:09	0.006	0.2
9:05:37	0.007	1.5	9:02:09	0.008	0.0
9:20:37	0.007	1.4	9:17:09	0.008	0.0
9:35:37	0.005	0.4	9:32:09	0.008	0.0
9:50:37	0.005	0.2	9:47:09	0.008	0.0
10:05:37	0.005	0.3	10:02:09	0.008	0.1
10:20:37	0.005	0.4	10:17:09	0.008	0.0
10:35:37	0.005	0.1	10:32:09	0.008	0.0
10:50:37	0.005	0.2	10:47:09	0.008	0.1
11:05:37	0.005	0.1	11:02:09	0.008	0.4
11:20:37	0.005	0.2	11:17:09	0.007	0.3
11:35:37	0.005	0.1	11:32:09	0.007	0.3
11:50:37	0.005	0.1	11:47:09	0.006	0.3
12:05:37	0.005	0.3	12:02:09	0.006	0.1
12:20:37	0.005	0.1	12:17:09	0.006	0.7
12:35:37	0.005	0.0	12:32:09	0.006	0.2
12:50:37	0.008	0.0	12:47:09	0.006	0.3
13:05:37	0.009	0.0	13:02:09	0.006	0.2
13:20:37	0.008	0.1	13:17:09	0.006	0.1

CAMP DATA
800 BROADWAY
RENSSELAER, NY

UPWIND			DOWNWIND		
Date & Time	Dustrak PM10 [mg/m3] TWA	PID PPM (TWA)	Date & Time	Dustrak PM10 [mg/m3] TWA	PID PPM (TWA)
7/6/2017 (continued)			**7/6/2017 (continued)**		
13:35:37	0.007	0.1	13:32:09	0.006	0.0
13:50:37	0.009	0.4	13:47:09	0.006	0.0
14:05:37	0.006	0.2	14:02:09	0.006	0.0
14:20:37	0.004	0.1	14:17:09	0.008	0.0
14:35:37	0.004	0.0	14:32:09	0.007	0.1
			14:47:09	0.005	0.0
			15:02:09	0.004	0.2
7/7/2017			**7/7/2017**		
8:20:03	0.006	0.0	8:16:51	0.004	0.0
8:35:03	0.006	0.0	8:31:51	0.004	0.0
8:50:03	0.007	0.0	8:46:51	0.005	0.0
9:05:03	0.007	0.0	9:01:51	0.003	0.0
9:20:03	0.005	0.0	9:16:51	0.003	0.0
9:35:03	0.005	0.0	9:31:51	0.003	0.0
9:50:03	0.005	0.0	9:46:51	0.003	0.0
10:05:03	0.005	0.0	10:01:51	0.003	0.0
10:20:03	0.005	0.0	10:16:51	0.003	0.0
10:35:03	0.005	0.0	10:31:51	0.003	0.1
10:50:03	0.005	0.0	10:46:51	0.003	0.1
11:05:03	0.005	0.1	11:01:51	0.003	0.3
11:20:03	0.005	0.1	11:16:51	0.003	0.3
11:35:03	0.005	0.5	11:31:51	0.003	0.3
11:50:03	0.005	0.4	11:46:51	0.003	0.1
12:05:03	0.005	0.3	12:01:51	0.003	0.2
12:20:03	0.005	0.0	12:16:51	0.006	0.2
12:35:03	0.008	0.2	12:31:51	0.006	0.4
12:50:03	0.009	0.2	12:46:51	0.006	0.2
13:05:03	0.008	0.1	13:01:51	0.007	0.1
13:20:03	0.007	0.1	13:16:51	0.007	0.0
13:35:03	0.009	0.1	13:31:51	0.005	0.0
13:50:03	0.006	0.2	13:46:51	0.005	0.0
14:05:03	0.004	0.2	14:01:51	0.003	0.0
14:20:03	0.004	0.1	14:16:51	0.003	0.0
			14:31:51	0.002	0.0
			14:46:51	0.002	1.1

CAMP DATA
800 BROADWAY
RENSSELAER, NY

Natural Gas Line Excavation

Instrument Name	DustTrak II	MiniRae 3000	**Instrument Name**	DustTrak II	MiniRae 3000
Model Number	8530		**Model Number**	8530	
Serial Number	8530111720	592-9088186	**Serial Number**	8530124902	592-901821
Test Start Date	9/13/2017		**Test Start Date**	9/13/2017	

UPWIND			DOWNWIND		
Date & Time	**Dustrak PM10 [mg/m3] TWA**	**PID PPM (TWA)**	**Date & Time**	**Dustrak PM10 [mg/m3] TWA**	**PID PPM (TWA)**
9/13/2017			**9/13/2017**		
10:55:40 AM			10:32:36 AM	0.022	0.333
11:10:40 AM	0.033	0.0	10:47:36 AM	0.015	0.353
11:25:40 AM	0.036	0.0	11:02:36 AM	0.016	0.34
11:40:40 AM	0.035	0.0	11:17:36 AM	0.021	0.388
11:55:40 AM	0.034	0.0	11:32:36 AM	0.02	0.426
12:10:40 PM	0.032	0.0	11:47:36 AM	0.023	0.453
12:25:40 PM	0.019	0.0	12:02:36 PM	0.021	0.485
12:40:40 PM	0.022	0.1	12:17:36 PM	0.011	0.528
12:55:40 PM	0.027	0.1	12:32:36 PM	0.013	0.551
1:10:40 PM	0.021	0.2	12:47:36 PM	0.014	0.545
1:25:40 PM	0.03	0.2	1:02:36 PM	0.017	0.569
1:40:40 PM	0.014	0.2	1:17:36 PM	0.008	0.38
1:55:40 PM	0.007	0.2	1:32:36 PM	0.009	0.088
2:10:40 PM	0.008	0.3	1:47:36 PM	0.004	0.018
2:25:40 PM	0.007	0.3	2:02:36 PM	0.011	0.002
2:40:40 PM	0.005	0.3	2:17:36 PM	0.005	0.000
2:55:40 PM	0.001	0.3	2:32:36 PM	0.007	0.000
3:10:40 PM	0.003	0.3	2:47:36 PM	0.001	0.000
3:25:40 PM	0.002	0.2	3:02:36 PM	0.002	0.000
3:40:40 PM	0.003	0.2	3:17:36 PM	0.012	0.000
3:55:40 PM	0.001	0.2	3:32:36 PM	0.009	0.000
4:10:40 PM	0.001	0.2	3:47:36 PM	0.01	0.000
4:25:40 PM	0.001	0.2	4:02:36 PM	0.028	0.000
4:40:40 PM	0.000	0.2	4:17:36 PM	0.02	0.000
			4:32:36 PM	0.01	0.000
			4:47:36 PM	0.003	0.000
9/14/2017			**9/14/2017**		
8:19:41 AM	0.019	0.202	8:07:30 AM	0.022	
8:34:41 AM	0.019	0.225	8:22:30 AM	0.02	0.001
8:49:41 AM	0.016	0.218	8:37:30 AM	0.015	0.000
9:04:41 AM	0.017	0.221	8:52:30 AM	0.017	0.000
9:19:41 AM	0.016	0.23	9:07:30 AM	0.022	0.000
9:34:41 AM	0.014	0.229	9:22:30 AM	0.011	0.000
9:49:41 AM	0.013	0.23	9:37:30 AM	0.014	0.002
10:04:41 AM	0.013	0.238	9:52:30 AM	0.012	0.000
10:19:41 AM	0.013	0.263	10:07:30 AM	0.011	0.000
10:34:41 AM	0.012	0.261	10:22:30 AM	0.024	0.000
10:49:41 AM	0.013	0.276	10:37:30 AM	0.011	0.000
11:04:41 AM	0.012	0.277	10:52:30 AM	0.024	0.000
11:19:41 AM	0.012	0.27	11:07:30 AM	0.012	0.000

CAMP DATA
800 BROADWAY
RENSSELAER, NY

UPWIND			DOWNWIND		
Date & Time	**Dustrak PM10 [mg/m3] TWA**	**PID PPM (TWA)**	**Date & Time**	**Dustrak PM10 [mg/m3] TWA**	**PID PPM (TWA)**
9/14/2017			**9/14/2017**		
11:34:41 AM	0.013	0.275	11:22:30 AM	0.022	0.000
11:49:41 AM	0.018	0.275	11:37:30 AM	0.031	0.006
12:04:41 PM	0.014	0.282	11:52:30 AM	0.023	0.035
12:19:41 PM	0.015	0.315	12:07:30 PM	0.042	0.088
12:34:41 PM	0.014	0.415	12:22:30 PM	0.014	0.134
12:49:41 PM	0.014	0.313	12:37:30 PM	0.016	0.153
1:04:41 PM	0.013	0.302	12:52:30 PM	0.02	0.145
1:19:41 PM	0.017	0.353	1:07:30 PM	0.018	0.162
1:34:41 PM	0.018	0.314	1:22:30 PM	0.02	0.205
1:49:41 PM	0.017	0.329	1:37:30 PM	0.019	0.22
2:04:41 PM	0.019	0.34	1:52:30 PM	0.02	0.269

CAMP DATA
800 BROADWAY
RENSSELAER, NY

Water Line Excavation

Instrument Name	DustTrak II	MiniRae 3000	**Instrument Name**	DustTrak II	MiniRae 3000
Model Number	8530		**Model Number**	8530	
Serial Number	8530141213	592-914539	**Serial Number**	8530094306	592-000202
Test Start Date	9/27/2017		**Test Start Date**	9/27/2017	

UPWIND			**DOWNWIND**		
Date & Time	**Dustrak PM10 [mg/m3] TWA**	**PID PPM (TWA)**	**Date & Time**	**Dustrak PM10 [mg/m3] TWA**	**PID PPM (TWA)**
9/27/2017			**9/27/2017**		
10:42:02 AM	0.037	0.0	10:31:02 AM	0.037	0.2
10:57:02 AM	0.027	0.0	10:46:02 AM	0.027	0.3
11:12:02 AM	0.018	0.0	11:01:02 AM	0.018	0.2
11:27:02 AM	0.022	0.0	11:16:02 AM	0.022	0
11:42:02 AM	0.028	0.0	11:31:02 AM	0.028	0
11:57:02 AM	0.015	0.0	11:46:02 AM	0.015	0
12:12:02 PM	0.02	0.0	12:01:02 PM	0.02	0.4
12:27:02 PM	0.018	0.0	12:16:02 PM	0.018	0.2
12:42:02 PM	0.017	0.0	12:31:02 PM	0.017	0.2
12:57:02 PM	0.009	0.0	12:46:02 PM	0.009	0.3
1:12:02 PM	0.005	0.0	1:01:02 PM	0.005	0
1:27:02 PM	0.003	0.0	1:16:02 PM	0.003	0.1
1:42:02 PM	0.011	0.0	1:31:02 PM	0.011	0.1
1:57:02 PM	0.011	0.0	1:46:02 PM	0.011	0.1
2:12:02 PM	0.005	0.0	2:01:02 PM	0.005	0
2:27:02 PM	0	0.0	2:16:02 PM	0	0
2:42:02 PM	0.03	0.0	2:31:02 PM	0.03	0
2:57:02 PM	0.008	0.0	2:46:02 PM	0.008	0.8
3:12:02 PM	0.014	0.0	3:01:02 PM	0.014	0.4
3:27:02 PM	0.014	0.0	3:16:02 PM	0.014	0
3:42:02 PM	0.009	0.0	3:31:02 PM	0.009	0.3
3:57:02 PM	0.018	0.0	3:46:02 PM	0.018	0.2
9/28/2017			**9/28/2017**		
7:15:02 AM	0.019	0.00	7:18:24 AM	0.008	0.00
7:30:02 AM	0.035	0.00	7:33:24 AM	0.008	0.00
7:45:02 AM	0.019	0.00	7:48:24 AM	0.003	0.00
8:00:02 AM	0.125	0.021	8:03:24 AM	0.015	0.00
8:15:02 AM	0.135	0	8:18:24 AM	0.002	0.00
8:30:02 AM	0	0.011	8:33:24 AM	0.01	0.00
8:45:02 AM	0	0			

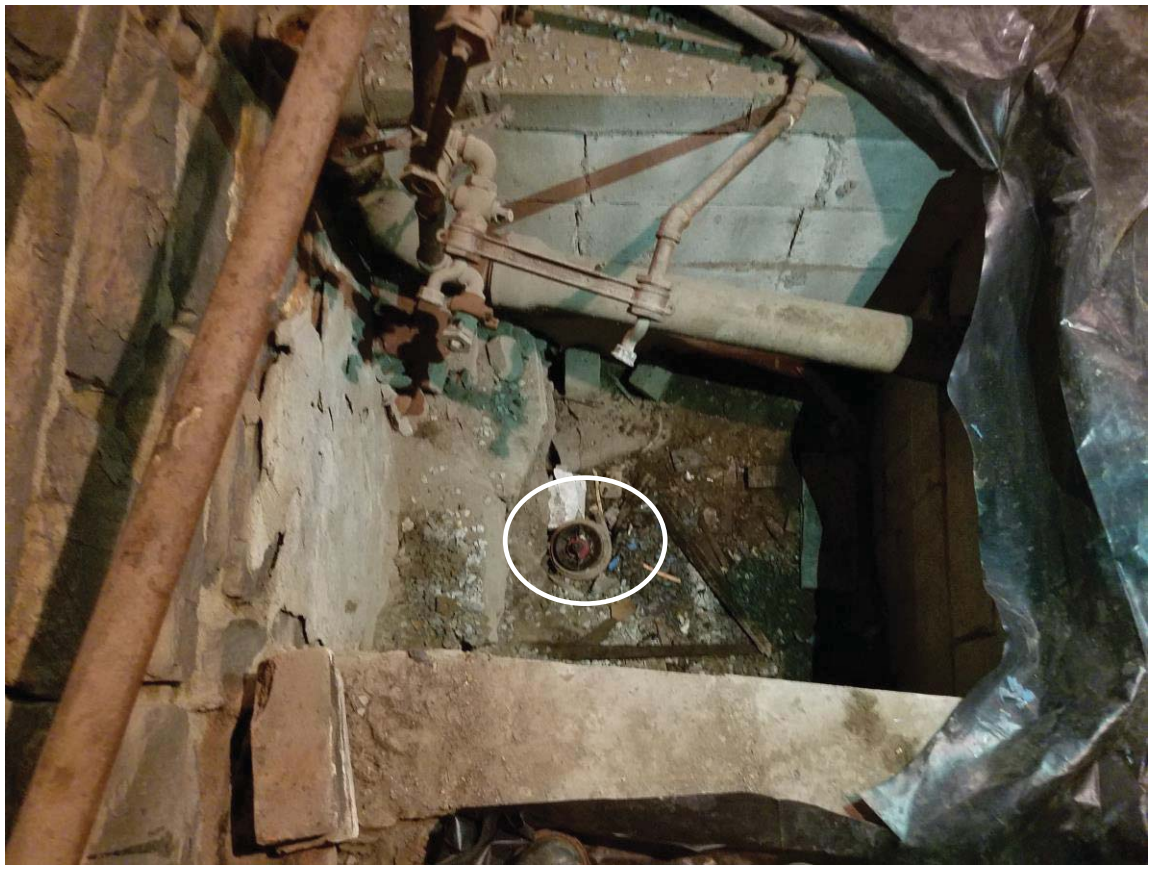
APPENDIX D

SELECTED PHOTOGRAPHS OF REMEDIAL CONSTRUCTION ACTIVITIES

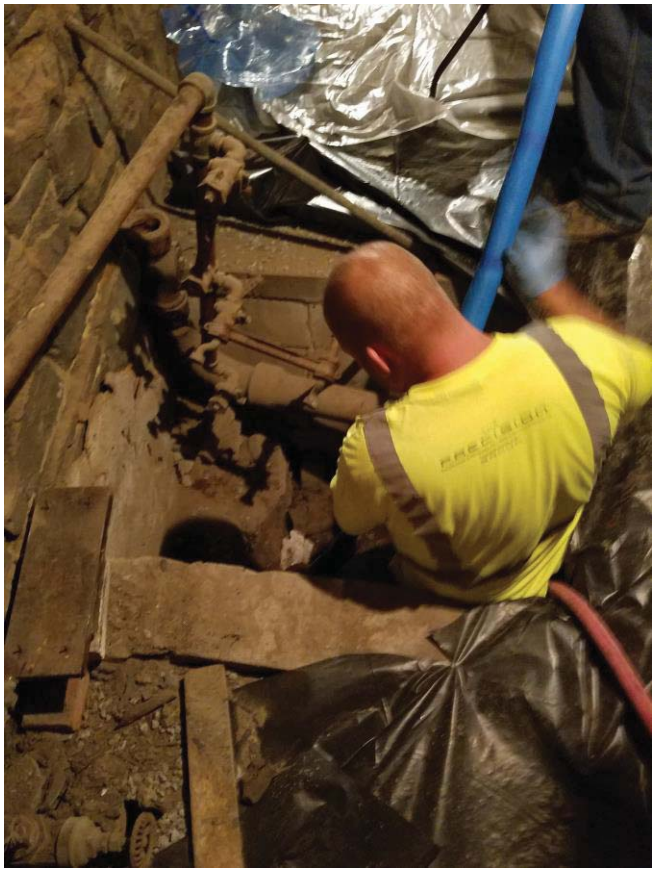
Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY Subject: Typical Wood Floor Sampling Location. Chisel bit used to generate wood chips from selected location.	

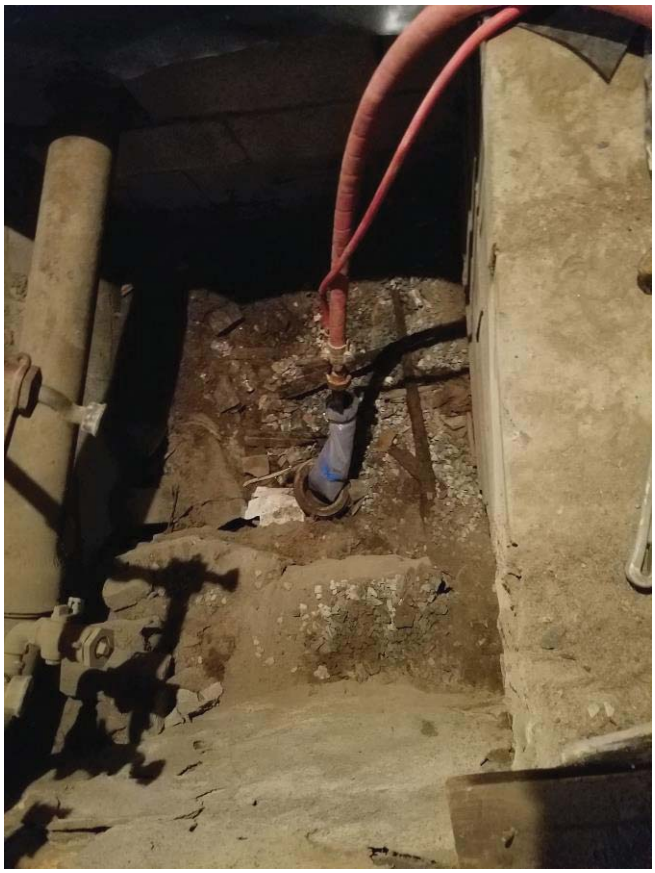
Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY Subject: Wooden sub flooring removed from area around former cleaning equipment. Flooring was later replaced during site reconstruction.	

Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY <u>Subject:</u> Wooden sub flooring removed from area around former cleaning equipment. Flooring was later replaced during site reconstruction.	

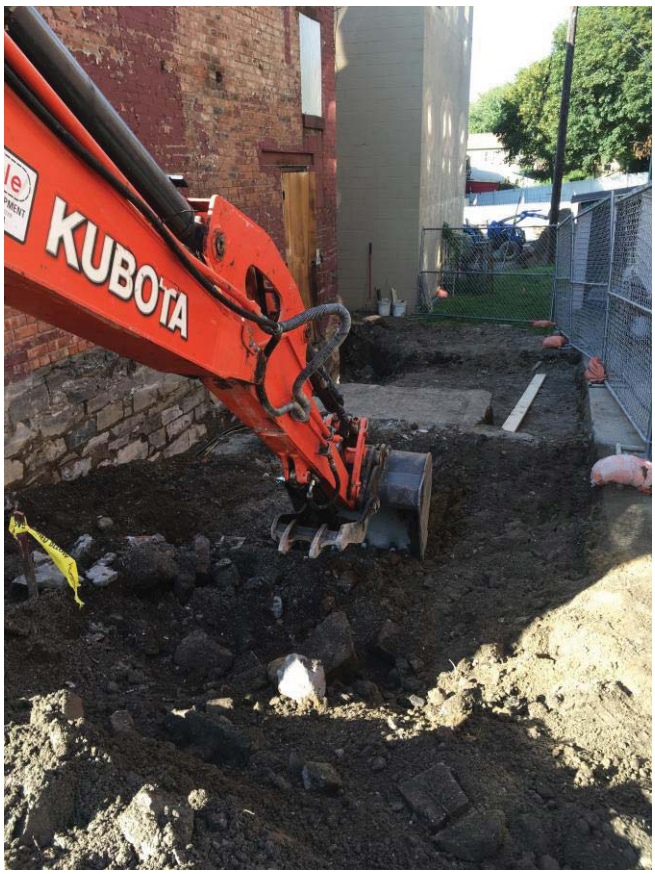
Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY <u>Subject:</u> Sewer line vault. Sewer line noted in photo.	

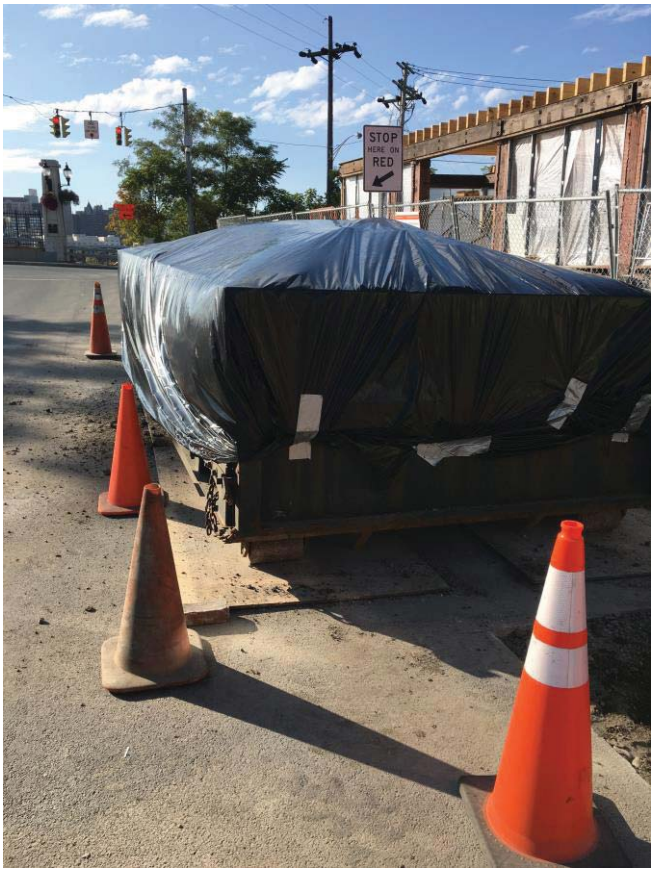
Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY <u>Subject:</u> Preparing liner material for re-lining sewer line.	

Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY <u>Subject:</u> Inserting lining material into sewer line.	

Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY <u>Subject:</u> Fiberglass & epoxy lining system was activated with steam.	

Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY <u>Subject:</u> AOC-1 & Natural gas line excavation.	

Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY Subject: Removing soil from AOC-1.	

Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY Subject: Soil removed from AOC-1 & natural gas line excavation area was temporarily stored in a 20 cubic yard rolloff until transported to ESMI for thermal treatment.	

Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY <u>Subject:</u> Geomembrane placed over natural gas line and AOC-1 prior to filling & compacting silty/sandy/gravelly fill.	

Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY <u>Subject:</u> AOC-1 brought to within 5” of final grade. Well MW-7 is shown in photo.	

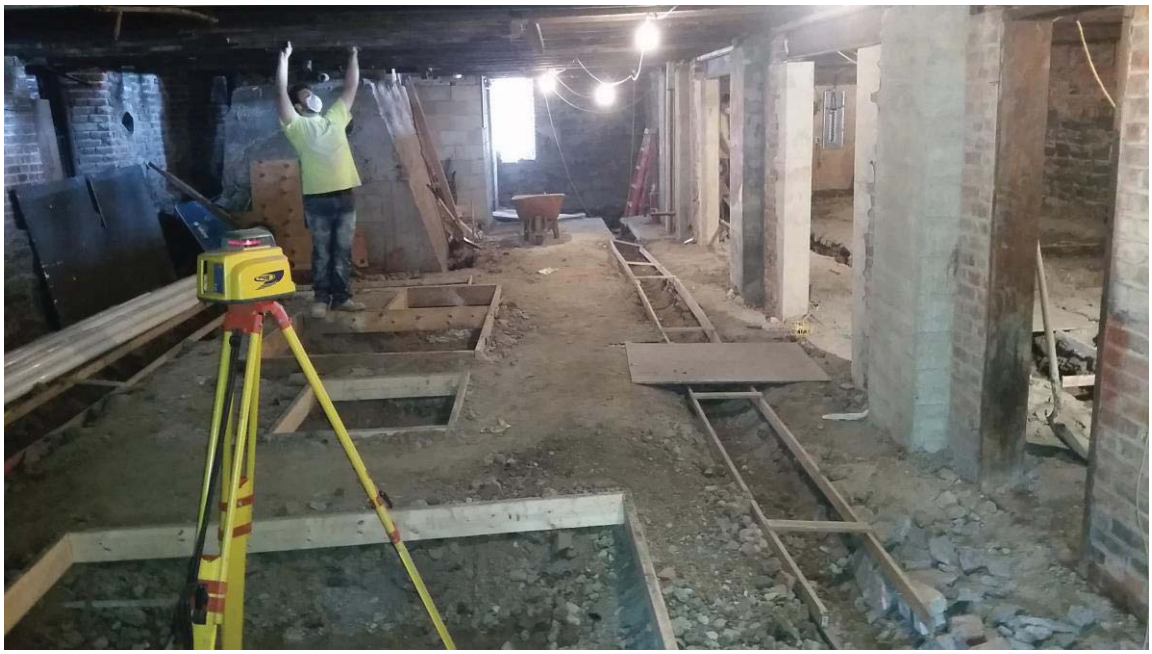
Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY <u>Subject:</u> AOC-1 after completing installation of ~4.0” of asphalt binder.	

Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY <u>Subject:</u> Hand excavation of SSD vapor extraction lateral and manifold trenching. Eastern end of Leg-1. Looking east.	

Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY <u>Subject:</u> Hand excavation of SSD vapor extraction lateral and manifold trenching. Western end of Leg-3. Looking West.	

Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY <u>Subject:</u> Hand excavation of SSD vapor extraction lateral and manifold trenching. Eastern end of Leg-3. Looking West.	

Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY <u>Subject:</u> Hand excavation of SSD vapor extraction lateral and manifold trenching. Leg-2 looking east.	

Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY <u>Subject:</u> Hand excavation of SSD vapor extraction lateral and manifold trenching. Leg-1 looking east.	

Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY Subject: Hand excavation of SSD vapor extraction lateral and manifold trenching. Leg-3 looking east.	

Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY Subject: Hand excavation of SSD vapor extraction lateral and manifold trenching. Sewer Vault in foreground. Leg-3 looking west.	

Site: Tim Bayly Property Location: 800 Broadway, Rensselaer, NY <u>Subject:</u> RadonAway HS-5000 Sub-Slab Depressurization Blowers. Fan-1 is on the left, and Fan-2 is on the right. Discharge/effluent piping is not completed at time photo was taken.	

APPENDIX E

ANALYTICAL LABORATORY REPORTS & ASSOCIATED DOCUMENTATION

Interior Wooden Subfloor Analytical Data

&

Disposal Documentation

PHOENIX
Environmental Laboratories, Inc.

Monday, May 15, 2017

Attn: Tommy Giamichael
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY: 12020

Project ID: TIM BAYLY PROPERTY
Sample ID#s: BY16899 - BY16909

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

May 15, 2017

SDG I.D.: GBY16899

BY16901 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BY16902 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BY16903 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BY16904 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BY16905 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BY16906 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BY16907 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BY16908 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BY16909 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 15, 2017

FOR: Attn: Tommy Giamichael
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY: 12020

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/05/17	9:50
Location Code:	AZTECHNY	Received by:	LB	05/08/17	16:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY16899
Phoenix ID: BY16899

Project ID: TIM BAYLY PROPERTY
Client ID: DISPOSAL #1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
TCLP Silver	< 0.10	0.10	mg/L	1	05/09/17	LK	SW6010C	
TCLP Arsenic	< 0.10	0.10	mg/L	1	05/09/17	LK	SW6010C	
TCLP Barium	0.35	0.10	mg/L	1	05/09/17	LK	SW6010C	
TCLP Cadmium	< 0.050	0.050	mg/L	1	05/09/17	LK	SW6010C	
TCLP Chromium	< 0.10	0.10	mg/L	1	05/09/17	LK	SW6010C	
TCLP Mercury	< 0.0002	0.0002	mg/L	1	05/09/17	RS	SW7470A	
TCLP Lead	0.12	0.10	mg/L	1	05/09/17	LK	SW6010C	
TCLP Selenium	< 0.10	0.10	mg/L	1	05/09/17	LK	SW6010C	
TCLP Metals Digestion	Completed				05/09/17	W/Q	SW3005A	
Percent Solid	83		%		05/08/17	Q	SW846-%Solid	
Corrosivity	Negative		Pos/Neg	1	05/08/17	O	SW846-Corr	1
Flash Point	>200	200	Degree F	1	05/10/17	Y	SW1010A	
Ignitability	Passed	140	degree F	1	05/10/17	Y	SW846-Ignit	1
pH at 25C - Soil	7.41	1.00	pH Units	1	05/08/17 18:57	O	SW9045	1
Reactivity Cyanide	< 5.8	5.8	mg/Kg	1	05/09/17	BS/GD	SW846-ReactCyn	1
Reactivity Sulfide	< 20	20	mg/Kg	1	05/09/17	BS/GD	SW-7.3	1
Reactivity	Negative		Pos/Neg	1	05/09/17	BS/GD	SW846-React	1
Soil Extraction for PCB	Completed				05/08/17	CC/V	SW3545A	
Paint Filter Test	Passed		PASS/FAIL		05/08/17	J	SW9095B	
TCLP Digestion Mercury	Completed				05/09/17	W/Q	SW7470A	
TCLP Herbicides Extraction	Completed				05/10/17	/D	SW8150 MOD	
TCLP Extraction for Metals	Completed				05/08/17	W	SW1311	
TCLP Extraction for Organics	Completed				05/08/17	W	SW1311	
TCLP Pesticides Extraction	Completed				05/10/17	TN	SW3510C	
TCLP Semi-Volatile Extraction	Completed				05/10/17	TN	SW3510C	
TCLP Extraction Volatiles	Completed				05/08/17	Y	SW1311	

Project ID: TIM BAYLY PROPERTY
Client ID: DISPOSAL #1

Phoenix I.D.: BY16899

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Polychlorinated Biphenyls								
PCB-1016	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
PCB-1221	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
PCB-1232	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
PCB-1242	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
PCB-1248	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
PCB-1254	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
PCB-1260	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
PCB-1262	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
PCB-1268	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
QA/QC Surrogates								
% DCBP	104		%	10	05/10/17	AW	30 - 150 %	
% TCMX	88		%	10	05/10/17	AW	30 - 150 %	
TCLP Herbicides								
2,4,5-TP (Silvex)	ND	8.3	ug/L	10	05/11/17	CE	SW8151A	
2,4-D	ND	17	ug/L	10	05/11/17	CE	SW8151A	
QA/QC Surrogates								
% DCAA	54		%	10	05/11/17	CE	30 - 150 %	
TCLP Pesticides								
4,4' -DDD	ND	1.0	ug/L	10	05/11/17	CE	SW8081B	
4,4' -DDE	ND	1.0	ug/L	10	05/11/17	CE	SW8081B	
4,4' -DDT	ND	1.0	ug/L	10	05/11/17	CE	SW8081B	
a-BHC	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
Alachlor	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	1
Aldrin	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
b-BHC	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
Chlordane	ND	5.0	ug/L	10	05/11/17	CE	SW8081B	
d-BHC	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
Dieldrin	ND	1.0	ug/L	10	05/11/17	CE	SW8081B	
Endosulfan I	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
Endosulfan II	ND	1.0	ug/L	10	05/11/17	CE	SW8081B	
Endosulfan Sulfate	ND	1.0	ug/L	10	05/11/17	CE	SW8081B	
Endrin	ND	1.0	ug/L	10	05/11/17	CE	SW8081B	
Endrin Aldehyde	ND	1.0	ug/L	10	05/11/17	CE	SW8081B	
g-BHC (Lindane)	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
Heptachlor	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
Heptachlor epoxide	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
Methoxychlor	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
Toxaphene	ND	20	ug/L	10	05/11/17	CE	SW8081B	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	94		%	10	05/11/17	CE	30 - 150 %	
%TCMX (Surrogate Rec)	89		%	10	05/11/17	CE	30 - 150 %	
TCLP Volatiles								
1,1-Dichloroethene	ND	25	ug/L	5	05/09/17	HM	SW8260C	
1,2-Dichloroethane	ND	25	ug/L	5	05/09/17	HM	SW8260C	
Benzene	ND	25	ug/L	5	05/09/17	HM	SW8260C	

Project ID: TIM BAYLY PROPERTY
Client ID: DISPOSAL #1

Phoenix I.D.: BY16899

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Carbon tetrachloride	ND	25	ug/L	5	05/09/17	HM	SW8260C	
Chlorobenzene	ND	25	ug/L	5	05/09/17	HM	SW8260C	
Chloroform	ND	25	ug/L	5	05/09/17	HM	SW8260C	
Methyl ethyl ketone	ND	25	ug/L	5	05/09/17	HM	SW8260C	
Tetrachloroethene	ND	25	ug/L	5	05/09/17	HM	SW8260C	
Trichloroethene	ND	25	ug/L	5	05/09/17	HM	SW8260C	
Vinyl chloride	ND	25	ug/L	5	05/09/17	HM	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	5	05/09/17	HM	70 - 130 %	
% Bromofluorobenzene	97		%	5	05/09/17	HM	70 - 130 %	
% Dibromofluoromethane	99		%	5	05/09/17	HM	70 - 130 %	
% Toluene-d8	99		%	5	05/09/17	HM	70 - 130 %	
TCLP Acid/Base-Neutral								
1,4-Dichlorobenzene	ND	83	ug/L	1	05/11/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	83	ug/L	1	05/11/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	83	ug/L	1	05/11/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	83	ug/L	1	05/11/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	83	ug/L	1	05/11/17	DD	SW8270D	
3&4-Methylphenol (m&p-Cresol)	ND	83	ug/L	1	05/11/17	DD	SW8270D	
Hexachlorobenzene	ND	83	ug/L	1	05/11/17	DD	SW8270D	
Hexachlorobutadiene	ND	83	ug/L	1	05/11/17	DD	SW8270D	
Hexachloroethane	ND	83	ug/L	1	05/11/17	DD	SW8270D	
Nitrobenzene	ND	83	ug/L	1	05/11/17	DD	SW8270D	
Pentachlorophenol	ND	83	ug/L	1	05/11/17	DD	SW8270D	
Pyridine	ND	83	ug/L	1	05/11/17	DD	SW8270D	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	132		%	1	05/11/17	DD	15 - 110 %	3
% 2-Fluorobiphenyl	106		%	1	05/11/17	DD	30 - 130 %	
% 2-Fluorophenol	90		%	1	05/11/17	DD	15 - 110 %	
% Nitrobenzene-d5	120		%	1	05/11/17	DD	30 - 130 %	
% Phenol-d5	87		%	1	05/11/17	DD	15 - 110 %	
% Terphenyl-d14	112		%	1	05/11/17	DD	30 - 130 %	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Cyanide.This method is no longer listed in the current version of SW-846.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Sulfide. This method is no longer listed in the current version of SW-846.

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

Corrosivity is based solely on the pH analysis performed above.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Semi-Volatile Comment:
One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
May 15, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 15, 2017

FOR: Attn: Tommy Giamichael
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY: 12020

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:		05/05/17	10:40
Location Code:	AZTECHNY	Received by:	LB	05/08/17	16:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY16899
Phoenix ID: BY16900

Project ID: TIM BAYLY PROPERTY
Client ID: WF-1-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92		%		05/08/17	Q	SW846-%Solid
Soil Extraction for PCB	Completed				05/08/17	CC/V	SW3545A
Polychlorinated Biphenyls							
PCB-1016	1100	540	ug/Kg	5	05/09/17	AW	SW8082A
PCB-1221	ND	540	ug/Kg	5	05/09/17	AW	SW8082A
PCB-1232	ND	540	ug/Kg	5	05/09/17	AW	SW8082A
PCB-1242	ND	540	ug/Kg	5	05/09/17	AW	SW8082A
PCB-1248	ND	540	ug/Kg	5	05/09/17	AW	SW8082A
PCB-1254	ND	540	ug/Kg	5	05/09/17	AW	SW8082A
PCB-1260	ND	540	ug/Kg	5	05/09/17	AW	SW8082A
PCB-1262	ND	540	ug/Kg	5	05/09/17	AW	SW8082A
PCB-1268	ND	540	ug/Kg	5	05/09/17	AW	SW8082A
QA/QC Surrogates							
% DCBP	102		%	5	05/09/17	AW	30 - 150 %
% TCMX	107		%	5	05/09/17	AW	30 - 150 %

Project ID: TIM BAYLY PROPERTY
Client ID: WF-1-1

Phoenix I.D.: BY16900

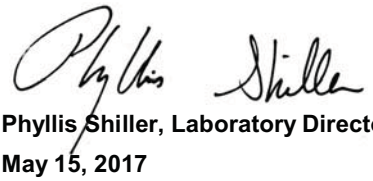
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director
May 15, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 15, 2017

FOR: Attn: Tommy Giamichael
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY: 12020

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:		05/05/17	10:50
Location Code:	AZTECHNY	Received by:	LB	05/08/17	16:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY16899
Phoenix ID: BY16901

Project ID: TIM BAYLY PROPERTY
Client ID: WF-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	98		%		05/08/17	Q	SW846-%Solid	
Soil Extraction for SVOA	Completed				05/08/17	JJ/CKV	SW3545A	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,1,1-Trichloroethane	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,1,2-Trichloroethane	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,1-Dichloroethane	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,1-Dichloroethene	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,1-Dichloropropene	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,2,3-Trichloropropane	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,2-Dibromoethane	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,2-Dichlorobenzene	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,2-Dichloroethane	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,2-Dichloropropane	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,3-Dichlorobenzene	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,3-Dichloropropane	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
1,4-Dichlorobenzene	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
2,2-Dichloropropane	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
2-Chlorotoluene	ND	46	ug/Kg	1	05/11/17	JLI	SW8260C	
2-Hexanone	ND	230	ug/Kg	1	05/11/17	JLI	SW8260C	
2-Isopropyltoluene	680	630	ug/Kg	25	05/12/17	JLI	SW8260C	1

Project ID: TIM BAYLY PROPERTY
Client ID: WF-4

Phoenix I.D.: BY16901

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
4-Methyl-2-pentanone	ND		230	ug/Kg	1	05/11/17	JLI	SW8260C	
Acetone	1100	S	230	ug/Kg	1	05/11/17	JLI	SW8260C	
Acrylonitrile	ND		93	ug/Kg	1	05/11/17	JLI	SW8260C	
Benzene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromobenzene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromochloromethane	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromodichloromethane	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromoform	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromomethane	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon Disulfide	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon tetrachloride	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Chlorobenzene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroethane	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroform	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloromethane	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromochloromethane	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromomethane	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Dichlorodifluoromethane	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Ethylbenzene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Hexachlorobutadiene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Isopropylbenzene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
m&p-Xylene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND		230	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		93	ug/Kg	1	05/11/17	JLI	SW8260C	
Methylene chloride	ND		93	ug/Kg	1	05/11/17	JLI	SW8260C	
Naphthalene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
n-Butylbenzene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
n-Propylbenzene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
o-Xylene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
p-Isopropyltoluene	2500		630	ug/Kg	25	05/12/17	JLI	SW8260C	
sec-Butylbenzene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Styrene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
tert-Butylbenzene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Tetrachloroethene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		93	ug/Kg	1	05/11/17	JLI	SW8260C	1
Toluene	1100		630	ug/Kg	25	05/12/17	JLI	SW8260C	
Total Xylenes	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		93	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichloroethene	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorofluoromethane	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
Vinyl chloride	ND		46	ug/Kg	1	05/11/17	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	1	05/11/17	JLI	70 - 130 %	

Ver 1

Project ID: TIM BAYLY PROPERTY
Client ID: WF-4

Phoenix I.D.: BY16901

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	89		%	1	05/11/17	JLI	70 - 130 %	
% Dibromofluoromethane	98		%	1	05/11/17	JLI	70 - 130 %	
% Toluene-d8	95		%	1	05/11/17	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
1,2-Dichlorobenzene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
1,2-Diphenylhydrazine	ND	980	ug/Kg	1	05/09/17	DD	SW8270D	
1,3-Dichlorobenzene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
1,4-Dichlorobenzene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dimethylphenol	1500	680	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	980	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
2-Chlorophenol	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
2-Nitroaniline	ND	980	ug/Kg	1	05/09/17	DD	SW8270D	
2-Nitrophenol	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	980	ug/Kg	1	05/09/17	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
3-Nitroaniline	ND	980	ug/Kg	1	05/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	980	ug/Kg	1	05/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	980	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chloroaniline	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
4-Nitroaniline	ND	1600	ug/Kg	1	05/09/17	DD	SW8270D	
4-Nitrophenol	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
Acenaphthene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
Acenaphthylene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
Acetophenone	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
Aniline	ND	980	ug/Kg	1	05/09/17	DD	SW8270D	
Anthracene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
Benz(a)anthracene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
Benzidine	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(a)pyrene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
Benzoic acid	ND	2000	ug/Kg	1	05/09/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	980	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	680	ug/Kg	1	05/09/17	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: WF-4

Phoenix I.D.: BY16901

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Bis(2-ethylhexyl)phthalate	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Carbazole	ND	980	ug/Kg	1	05/09/17	DD	SW8270D
Chrysene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Dibenzofuran	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Diethyl phthalate	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Dimethylphthalate	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Di-n-butylphthalate	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Di-n-octylphthalate	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Fluoranthene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Fluorene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorobenzene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorobutadiene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Hexachloroethane	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Isophorone	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Naphthalene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Nitrobenzene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	980	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	980	ug/Kg	1	05/09/17	DD	SW8270D
Pentachloronitrobenzene	ND	980	ug/Kg	1	05/09/17	DD	SW8270D
Pentachlorophenol	ND	980	ug/Kg	1	05/09/17	DD	SW8270D
Phenanthrene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Phenol	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Pyrene	ND	680	ug/Kg	1	05/09/17	DD	SW8270D
Pyridine	ND	980	ug/Kg	1	05/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	59		%	1	05/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	57		%	1	05/09/17	DD	30 - 130 %
% 2-Fluorophenol	54		%	1	05/09/17	DD	30 - 130 %
% Nitrobenzene-d5	56		%	1	05/09/17	DD	30 - 130 %
% Phenol-d5	55		%	1	05/09/17	DD	30 - 130 %
% Terphenyl-d14	58		%	1	05/09/17	DD	30 - 130 %

Project ID: TIM BAYLY PROPERTY
Client ID: WF-4

Phoenix I.D.: BY16901

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile comment:
Elevated reporting limits for volatiles due to dilution for sample matrix.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

May 15, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 15, 2017

FOR: Attn: Tommy Giamichael
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY: 12020

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:		05/05/17	11:00
Location Code:	AZTECHNY	Received by:	LB	05/08/17	16:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY16899
Phoenix ID: BY16902

Project ID: TIM BAYLY PROPERTY
Client ID: WF-5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	84		%		05/08/17	Q	SW846-%Solid
Soil Extraction for SVOA	Completed				05/08/17	BJ/CKV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	60	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	60	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	760	ug/Kg	25	05/12/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	60	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloroethane	ND	60	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloroethene	ND	60	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloropropene	ND	60	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	760	ug/Kg	25	05/12/17	JLI	SW8260C
1,2,3-Trichloropropane	ND	760	ug/Kg	25	05/12/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	760	ug/Kg	25	05/12/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	760	ug/Kg	25	05/12/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	760	ug/Kg	25	05/12/17	JLI	SW8260C
1,2-Dibromoethane	ND	60	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	760	ug/Kg	25	05/12/17	JLI	SW8260C
1,2-Dichloroethane	ND	60	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichloropropane	ND	60	ug/Kg	1	05/11/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	760	ug/Kg	25	05/12/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	760	ug/Kg	25	05/12/17	JLI	SW8260C
1,3-Dichloropropane	ND	60	ug/Kg	1	05/11/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	760	ug/Kg	25	05/12/17	JLI	SW8260C
2,2-Dichloropropane	ND	60	ug/Kg	1	05/11/17	JLI	SW8260C
2-Chlorotoluene	ND	760	ug/Kg	25	05/12/17	JLI	SW8260C
2-Hexanone	720	300	ug/Kg	1	05/11/17	JLI	SW8260C
2-Isopropyltoluene	ND	760	ug/Kg	25	05/12/17	JLI	SW8260C

1

Project ID: TIM BAYLY PROPERTY
Client ID: WF-5

Phoenix I.D.: BY16902

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND		760	ug/Kg	25	05/12/17	JLI	SW8260C	
4-Methyl-2-pentanone	ND		300	ug/Kg	1	05/11/17	JLI	SW8260C	
Acetone	1600	S	300	ug/Kg	1	05/11/17	JLI	SW8260C	
Acrylonitrile	ND		120	ug/Kg	1	05/11/17	JLI	SW8260C	
Benzene	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromobenzene	ND		760	ug/Kg	25	05/12/17	JLI	SW8260C	
Bromochloromethane	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromodichloromethane	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromoform	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromomethane	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon Disulfide	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon tetrachloride	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Chlorobenzene	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroethane	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroform	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloromethane	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromochloromethane	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromomethane	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Dichlorodifluoromethane	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Ethylbenzene	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Hexachlorobutadiene	ND		760	ug/Kg	25	05/12/17	JLI	SW8260C	
Isopropylbenzene	ND		760	ug/Kg	25	05/12/17	JLI	SW8260C	
m&p-Xylene	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl Ethyl Ketone	630		300	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		120	ug/Kg	1	05/11/17	JLI	SW8260C	
Methylene chloride	ND		120	ug/Kg	1	05/11/17	JLI	SW8260C	
Naphthalene	ND		760	ug/Kg	25	05/12/17	JLI	SW8260C	
n-Butylbenzene	ND		760	ug/Kg	25	05/12/17	JLI	SW8260C	
n-Propylbenzene	ND		760	ug/Kg	25	05/12/17	JLI	SW8260C	
o-Xylene	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
p-Isopropyltoluene	ND		760	ug/Kg	25	05/12/17	JLI	SW8260C	
sec-Butylbenzene	ND		760	ug/Kg	25	05/12/17	JLI	SW8260C	
Styrene	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
tert-Butylbenzene	ND		760	ug/Kg	25	05/12/17	JLI	SW8260C	
Tetrachloroethene	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		120	ug/Kg	1	05/11/17	JLI	SW8260C	1
Toluene	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Total Xylenes	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		1500	ug/Kg	25	05/12/17	JLI	SW8260C	
Trichloroethene	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorofluoromethane	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
Vinyl chloride	ND		60	ug/Kg	1	05/11/17	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	25	05/12/17	JLI	70 - 130 %	

Ver 1

Project ID: TIM BAYLY PROPERTY
Client ID: WF-5

Phoenix I.D.: BY16902

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	99		%	25	05/12/17	JLI	70 - 130 %	
% Dibromofluoromethane	105		%	1	05/11/17	JLI	70 - 130 %	
% Toluene-d8	90		%	1	05/11/17	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
1,2-Dichlorobenzene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
1,2-Diphenylhydrazine	ND	23000	ug/Kg	20	05/10/17	DD	SW8270D	
1,3-Dichlorobenzene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
1,4-Dichlorobenzene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
2,4-Dichlorophenol	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
2,4-Dimethylphenol	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
2,4-Dinitrophenol	ND	23000	ug/Kg	20	05/10/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
2-Chloronaphthalene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
2-Chlorophenol	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
2-Methylnaphthalene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
2-Nitroaniline	ND	23000	ug/Kg	20	05/10/17	DD	SW8270D	
2-Nitrophenol	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	23000	ug/Kg	20	05/10/17	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
3-Nitroaniline	ND	23000	ug/Kg	20	05/10/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	23000	ug/Kg	20	05/10/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	23000	ug/Kg	20	05/10/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
4-Chloroaniline	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
4-Nitroaniline	ND	37000	ug/Kg	20	05/10/17	DD	SW8270D	
4-Nitrophenol	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
Acenaphthene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
Acenaphthylene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
Acetophenone	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
Aniline	ND	23000	ug/Kg	20	05/10/17	DD	SW8270D	
Anthracene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
Benz(a)anthracene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
Benzidine	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
Benzo(a)pyrene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
Benzo(ghi)perylene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
Benzoic acid	ND	47000	ug/Kg	20	05/10/17	DD	SW8270D	1
Benzyl butyl phthalate	210000	16000	ug/Kg	20	05/10/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	23000	ug/Kg	20	05/10/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: WF-5

Phoenix I.D.: BY16902

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Bis(2-ethylhexyl)phthalate	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Carbazole	ND	23000	ug/Kg	20	05/10/17	DD	SW8270D
Chrysene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Dibenzofuran	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Diethyl phthalate	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Dimethylphthalate	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Di-n-butylphthalate	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Di-n-octylphthalate	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Fluoranthene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Fluorene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Hexachlorobenzene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Hexachlorobutadiene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Hexachloroethane	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Isophorone	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Naphthalene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Nitrobenzene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
N-Nitrosodimethylamine	ND	23000	ug/Kg	20	05/10/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	23000	ug/Kg	20	05/10/17	DD	SW8270D
Pentachloronitrobenzene	ND	23000	ug/Kg	20	05/10/17	DD	SW8270D
Pentachlorophenol	ND	23000	ug/Kg	20	05/10/17	DD	SW8270D
Phenanthrene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Phenol	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Pyrene	ND	16000	ug/Kg	20	05/10/17	DD	SW8270D
Pyridine	ND	23000	ug/Kg	20	05/10/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	Diluted Out		%	20	05/10/17	DD	30 - 130 %
% 2-Fluorobiphenyl	Diluted Out		%	20	05/10/17	DD	30 - 130 %
% 2-Fluorophenol	Diluted Out		%	20	05/10/17	DD	30 - 130 %
% Nitrobenzene-d5	Diluted Out		%	20	05/10/17	DD	30 - 130 %
% Phenol-d5	Diluted Out		%	20	05/10/17	DD	30 - 130 %
% Terphenyl-d14	Diluted Out		%	20	05/10/17	DD	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Volatile comment:
Elevated reporting limits for volatiles due to dilution for sample matrix.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
May 15, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 15, 2017

FOR: Attn: Tommy Giamichael
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY: 12020

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:		05/05/17	11:10
Location Code:	AZTECHNY	Received by:	LB	05/08/17	16:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY16899
Phoenix ID: BY16903

Project ID: TIM BAYLY PROPERTY
Client ID: WF-6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	90		%		05/08/17	Q	SW846-%Solid
Soil Extraction for SVOA	Completed				05/08/17	BJ/CKV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloroethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloroethene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloropropene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C
1,2,3-Trichloropropane	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C
1,2-Dibromoethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C
1,2-Dichloroethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichloropropane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C
1,3-Dichloropropane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C
2,2-Dichloropropane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
2-Chlorotoluene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C
2-Hexanone	ND	270	ug/Kg	1	05/11/17	JLI	SW8260C
2-Isopropyltoluene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C 1

Project ID: TIM BAYLY PROPERTY
Client ID: WF-6

Phoenix I.D.: BY16903

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C	
4-Methyl-2-pentanone	ND	270	ug/Kg	1	05/11/17	JLI	SW8260C	
Acetone	ND	270	ug/Kg	1	05/11/17	JLI	SW8260C	
Acrylonitrile	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	
Benzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromobenzene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C	
Bromochloromethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromodichloromethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromoform	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromomethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon Disulfide	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon tetrachloride	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Chlorobenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroform	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloromethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromochloromethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromomethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Dichlorodifluoromethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Ethylbenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Hexachlorobutadiene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C	
Isopropylbenzene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C	
m&p-Xylene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND	270	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	
Methylene chloride	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	
Naphthalene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C	
n-Butylbenzene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C	
n-Propylbenzene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C	
o-Xylene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
p-Isopropyltoluene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C	
sec-Butylbenzene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C	
Styrene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
tert-Butylbenzene	ND	690	ug/Kg	25	05/12/17	JLI	SW8260C	
Tetrachloroethene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	1
Toluene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Total Xylenes	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	1400	ug/Kg	25	05/12/17	JLI	SW8260C	
Trichloroethene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorofluoromethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Vinyl chloride	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	25	05/12/17	JLI	70 - 130 %	

Ver 1

Project ID: TIM BAYLY PROPERTY
Client ID: WF-6

Phoenix I.D.: BY16903

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	98		%	25	05/12/17	JLI	70 - 130 %	
% Dibromofluoromethane	104		%	1	05/11/17	JLI	70 - 130 %	
% Toluene-d8	89		%	1	05/11/17	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
1,2-Dichlorobenzene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
1,2-Diphenylhydrazine	ND	11000	ug/Kg	10	05/09/17	DD	SW8270D	
1,3-Dichlorobenzene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
1,4-Dichlorobenzene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	11000	ug/Kg	10	05/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
2-Chlorophenol	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
2-Nitroaniline	ND	11000	ug/Kg	10	05/09/17	DD	SW8270D	
2-Nitrophenol	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	11000	ug/Kg	10	05/09/17	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
3-Nitroaniline	ND	11000	ug/Kg	10	05/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	11000	ug/Kg	10	05/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	11000	ug/Kg	10	05/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
4-Chloroaniline	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
4-Nitroaniline	ND	17000	ug/Kg	10	05/09/17	DD	SW8270D	
4-Nitrophenol	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
Acenaphthene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
Acenaphthylene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
Acetophenone	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
Aniline	ND	11000	ug/Kg	10	05/09/17	DD	SW8270D	
Anthracene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
Benz(a)anthracene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
Benzidine	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
Benzo(a)pyrene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
Benzoic acid	ND	22000	ug/Kg	10	05/09/17	DD	SW8270D	1
Benzyl butyl phthalate	610000	76000	ug/Kg	100	05/10/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	11000	ug/Kg	10	05/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: WF-6

Phoenix I.D.: BY16903

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Bis(2-ethylhexyl)phthalate	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Carbazole	ND	11000	ug/Kg	10	05/09/17	DD	SW8270D
Chrysene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Dibenzofuran	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Diethyl phthalate	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Dimethylphthalate	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Di-n-butylphthalate	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Di-n-octylphthalate	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Fluoranthene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Fluorene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Hexachlorobenzene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Hexachlorobutadiene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Hexachloroethane	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Isophorone	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Naphthalene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Nitrobenzene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	11000	ug/Kg	10	05/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	11000	ug/Kg	10	05/09/17	DD	SW8270D
Pentachloronitrobenzene	ND	11000	ug/Kg	10	05/09/17	DD	SW8270D
Pentachlorophenol	ND	11000	ug/Kg	10	05/09/17	DD	SW8270D
Phenanthrene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Phenol	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Pyrene	ND	7600	ug/Kg	10	05/09/17	DD	SW8270D
Pyridine	ND	11000	ug/Kg	10	05/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	Diluted Out		%	10	05/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	Diluted Out		%	10	05/09/17	DD	30 - 130 %
% 2-Fluorophenol	Diluted Out		%	10	05/09/17	DD	30 - 130 %
% Nitrobenzene-d5	Diluted Out		%	10	05/09/17	DD	30 - 130 %
% Phenol-d5	Diluted Out		%	10	05/09/17	DD	30 - 130 %
% Terphenyl-d14	Diluted Out		%	10	05/09/17	DD	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Volatile comment:
Elevated reporting limits for volatiles due to dilution for sample matrix.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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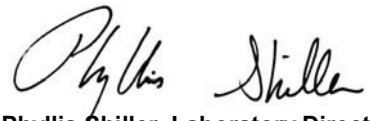


Phyllis Shiller, Laboratory Director
May 15, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 15, 2017

FOR: Attn: Tommy Giamichael
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY: 12020

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:		05/05/17	11:20
Location Code:	AZTECHNY	Received by:	LB	05/08/17	16:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY16899
Phoenix ID: BY16904

Project ID: TIM BAYLY PROPERTY
Client ID: WF-7

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89		%		05/08/17	Q	SW846-%Solid
Soil Extraction for SVOA	Completed				05/08/17	BJ/CKV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloroethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloroethene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloropropene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,3-Trichloropropane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dibromoethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichloroethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichloropropane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,3-Dichloropropane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
2,2-Dichloropropane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
2-Chlorotoluene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C
2-Hexanone	ND	260	ug/Kg	1	05/11/17	JLI	SW8260C
2-Isopropyltoluene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: WF-7

Phoenix I.D.: BY16904

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
4-Methyl-2-pentanone	ND	260	ug/Kg	1	05/11/17	JLI	SW8260C	
Acetone	ND	260	ug/Kg	1	05/11/17	JLI	SW8260C	
Acrylonitrile	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	
Benzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromobenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromochloromethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromodichloromethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromoform	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromomethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon Disulfide	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon tetrachloride	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Chlorobenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroform	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloromethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromochloromethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromomethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Dichlorodifluoromethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Ethylbenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Hexachlorobutadiene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Isopropylbenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
m&p-Xylene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND	260	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	
Methylene chloride	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	
Naphthalene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
n-Butylbenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
n-Propylbenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
o-Xylene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
p-Isopropyltoluene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
sec-Butylbenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Styrene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
tert-Butylbenzene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Tetrachloroethene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	1
Toluene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Total Xylenes	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichloroethene	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorofluoromethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
Vinyl chloride	ND	53	ug/Kg	1	05/11/17	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97		%	1	05/11/17	JLI	70 - 130 %	

Ver 1

Project ID: TIM BAYLY PROPERTY
Client ID: WF-7

Phoenix I.D.: BY16904

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	89		%	1	05/11/17	JLI	70 - 130 %	
% Dibromofluoromethane	100		%	1	05/11/17	JLI	70 - 130 %	
% Toluene-d8	93		%	1	05/11/17	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
1,2-Dichlorobenzene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
1,2-Diphenylhydrazine	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
1,3-Dichlorobenzene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
1,4-Dichlorobenzene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2-Chlorophenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2-Nitroaniline	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
2-Nitrophenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
3-Nitroaniline	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chloroaniline	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
4-Nitroaniline	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D	
4-Nitrophenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Acenaphthene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Acenaphthylene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Acetophenone	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Aniline	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
Anthracene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Benz(a)anthracene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Benzidine	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(a)pyrene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Benzoic acid	ND	2200	ug/Kg	1	05/09/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: WF-7

Phoenix I.D.: BY16904

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Bis(2-ethylhexyl)phthalate	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Carbazole	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
Chrysene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Dibenzofuran	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Diethyl phthalate	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Dimethylphthalate	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Di-n-butylphthalate	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Di-n-octylphthalate	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Fluoranthene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Fluorene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorobenzene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorobutadiene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Hexachloroethane	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Isophorone	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Naphthalene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Nitrobenzene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
Pentachloronitrobenzene	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
Pentachlorophenol	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
Phenanthrene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Phenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Pyrene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Pyridine	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	64		%	1	05/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	67		%	1	05/09/17	DD	30 - 130 %
% 2-Fluorophenol	65		%	1	05/09/17	DD	30 - 130 %
% Nitrobenzene-d5	65		%	1	05/09/17	DD	30 - 130 %
% Phenol-d5	67		%	1	05/09/17	DD	30 - 130 %
% Terphenyl-d14	94		%	1	05/09/17	DD	30 - 130 %

Project ID: TIM BAYLY PROPERTY
Client ID: WF-7

Phoenix I.D.: BY16904

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

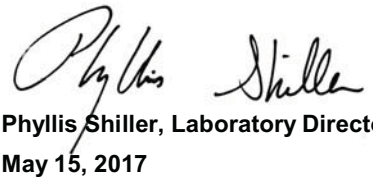
This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile comment:
Elevated reporting limits for volatiles due to dilution for sample matrix.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
May 15, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 15, 2017

FOR: Attn: Tommy Giamichael
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY: 12020

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:		05/05/17	11:30
Location Code:	AZTECHNY	Received by:	LB	05/08/17	16:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY16899
Phoenix ID: BY16905

Project ID: TIM BAYLY PROPERTY
Client ID: WF-8

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89		%		05/08/17	Q	SW846-%Solid
Soil Extraction for SVOA	Completed				05/08/17	BJ/CKV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloroethane	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloroethene	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloropropene	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,3-Trichloropropane	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dibromoethane	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichloroethane	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichloropropane	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,3-Dichloropropane	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
2,2-Dichloropropane	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
2-Chlorotoluene	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C
2-Hexanone	ND	280	ug/Kg	1	05/11/17	JLI	SW8260C
2-Isopropyltoluene	ND	55	ug/Kg	1	05/11/17	JLI	SW8260C

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Project ID: TIM BAYLY PROPERTY
Client ID: WF-8

Phoenix I.D.: BY16905

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
4-Methyl-2-pentanone	ND		280	ug/Kg	1	05/11/17	JLI	SW8260C	
Acetone	280	S	280	ug/Kg	1	05/11/17	JLI	SW8260C	
Acrylonitrile	ND		110	ug/Kg	1	05/11/17	JLI	SW8260C	
Benzene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromobenzene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromochloromethane	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromodichloromethane	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromoform	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromomethane	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon Disulfide	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon tetrachloride	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Chlorobenzene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroethane	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroform	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloromethane	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromochloromethane	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromomethane	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Dichlorodifluoromethane	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Ethylbenzene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Hexachlorobutadiene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Isopropylbenzene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
m&p-Xylene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND		280	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		110	ug/Kg	1	05/11/17	JLI	SW8260C	
Methylene chloride	ND		110	ug/Kg	1	05/11/17	JLI	SW8260C	
Naphthalene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
n-Butylbenzene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
n-Propylbenzene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
o-Xylene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
p-Isopropyltoluene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
sec-Butylbenzene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Styrene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
tert-Butylbenzene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Tetrachloroethene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		110	ug/Kg	1	05/11/17	JLI	SW8260C	1
Toluene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Total Xylenes	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		110	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichloroethene	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorofluoromethane	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
Vinyl chloride	ND		55	ug/Kg	1	05/11/17	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96			%	1	05/11/17	JLI	70 - 130 %	

Ver 1

Project ID: TIM BAYLY PROPERTY
Client ID: WF-8

Phoenix I.D.: BY16905

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	90		%	1	05/11/17	JLI	70 - 130 %	
% Dibromofluoromethane	99		%	1	05/11/17	JLI	70 - 130 %	
% Toluene-d8	96		%	1	05/11/17	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
1,2-Dichlorobenzene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
1,2-Diphenylhydrazine	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
1,3-Dichlorobenzene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
1,4-Dichlorobenzene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
2-Chlorophenol	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
2-Nitroaniline	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
2-Nitrophenol	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
3-Nitroaniline	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chloroaniline	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
4-Nitroaniline	ND	1700	ug/Kg	1	05/09/17	DD	SW8270D	
4-Nitrophenol	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
Acenaphthene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
Acenaphthylene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
Acetophenone	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
Aniline	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
Anthracene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
Benz(a)anthracene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
Benzidine	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(a)pyrene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
Benzoic acid	ND	2200	ug/Kg	1	05/09/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	760	ug/Kg	1	05/09/17	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: WF-8

Phoenix I.D.: BY16905

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Bis(2-ethylhexyl)phthalate	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Carbazole	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
Chrysene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Dibenzofuran	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Diethyl phthalate	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Dimethylphthalate	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Di-n-butylphthalate	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Di-n-octylphthalate	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Fluoranthene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Fluorene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorobenzene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorobutadiene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Hexachloroethane	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Isophorone	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Naphthalene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Nitrobenzene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
Pentachloronitrobenzene	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
Pentachlorophenol	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
Phenanthrene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Phenol	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Pyrene	ND	760	ug/Kg	1	05/09/17	DD	SW8270D
Pyridine	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	64		%	1	05/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	69		%	1	05/09/17	DD	30 - 130 %
% 2-Fluorophenol	64		%	1	05/09/17	DD	30 - 130 %
% Nitrobenzene-d5	65		%	1	05/09/17	DD	30 - 130 %
% Phenol-d5	64		%	1	05/09/17	DD	30 - 130 %
% Terphenyl-d14	78		%	1	05/09/17	DD	30 - 130 %

Project ID: TIM BAYLY PROPERTY
Client ID: WF-8

Phoenix I.D.: BY16905

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile comment:
Elevated reporting limits for volatiles due to dilution for sample matrix.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

May 15, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 15, 2017

FOR: Attn: Tommy Giamichael
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY: 12020

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:		05/05/17	11:40
Location Code:	AZTECHNY	Received by:	LB	05/08/17	16:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY16899
Phoenix ID: BY16906

Project ID: TIM BAYLY PROPERTY
Client ID: WF-9

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	90		%		05/08/17	Q	SW846-%Solid
Soil Extraction for SVOA	Completed				05/08/17	BJ/CKV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloroethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloroethene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloropropene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,3-Trichloropropane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dibromoethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichloroethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichloropropane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,3-Dichloropropane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
2,2-Dichloropropane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
2-Chlorotoluene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C
2-Hexanone	ND	280	ug/Kg	1	05/11/17	JLI	SW8260C
2-Isopropyltoluene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: WF-9

Phoenix I.D.: BY16906

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
4-Methyl-2-pentanone	ND	280	ug/Kg	1	05/11/17	JLI	SW8260C	
Acetone	ND	280	ug/Kg	1	05/11/17	JLI	SW8260C	
Acrylonitrile	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	
Benzene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromobenzene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromochloromethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromodichloromethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromoform	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromomethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon Disulfide	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon tetrachloride	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Chlorobenzene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroform	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloromethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromochloromethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromomethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Dichlorodifluoromethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Ethylbenzene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Hexachlorobutadiene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Isopropylbenzene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
m&p-Xylene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND	280	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	
Methylene chloride	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	
Naphthalene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
n-Butylbenzene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
n-Propylbenzene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
o-Xylene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
p-Isopropyltoluene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
sec-Butylbenzene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Styrene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
tert-Butylbenzene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Tetrachloroethene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	1
Toluene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Total Xylenes	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichloroethene	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorofluoromethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
Vinyl chloride	ND	56	ug/Kg	1	05/11/17	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97		%	1	05/11/17	JLI	70 - 130 %	

Ver 1

Project ID: TIM BAYLY PROPERTY
Client ID: WF-9

Phoenix I.D.: BY16906

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	92		%	1	05/11/17	JLI	70 - 130 %	
% Dibromofluoromethane	96		%	1	05/11/17	JLI	70 - 130 %	
% Toluene-d8	95		%	1	05/11/17	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
1,2-Dichlorobenzene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
1,2-Diphenylhydrazine	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
1,3-Dichlorobenzene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
1,4-Dichlorobenzene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
2-Chlorophenol	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
2-Nitroaniline	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
2-Nitrophenol	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
3-Nitroaniline	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chloroaniline	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
4-Nitroaniline	ND	1700	ug/Kg	1	05/09/17	DD	SW8270D	
4-Nitrophenol	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
Acenaphthene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
Acenaphthylene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
Acetophenone	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
Aniline	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
Anthracene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
Benz(a)anthracene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
Benzidine	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(a)pyrene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
Benzoic acid	ND	2100	ug/Kg	1	05/09/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	750	ug/Kg	1	05/09/17	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: WF-9

Phoenix I.D.: BY16906

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Bis(2-ethylhexyl)phthalate	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Carbazole	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
Chrysene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Dibenzofuran	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Diethyl phthalate	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Dimethylphthalate	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Di-n-butylphthalate	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Di-n-octylphthalate	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Fluoranthene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Fluorene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorobenzene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorobutadiene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Hexachloroethane	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Isophorone	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Naphthalene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Nitrobenzene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
Pentachloronitrobenzene	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
Pentachlorophenol	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
Phenanthrene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Phenol	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Pyrene	ND	750	ug/Kg	1	05/09/17	DD	SW8270D
Pyridine	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	64		%	1	05/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	62		%	1	05/09/17	DD	30 - 130 %
% 2-Fluorophenol	56		%	1	05/09/17	DD	30 - 130 %
% Nitrobenzene-d5	56		%	1	05/09/17	DD	30 - 130 %
% Phenol-d5	58		%	1	05/09/17	DD	30 - 130 %
% Terphenyl-d14	76		%	1	05/09/17	DD	30 - 130 %

Project ID: TIM BAYLY PROPERTY
Client ID: WF-9

Phoenix I.D.: BY16906

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

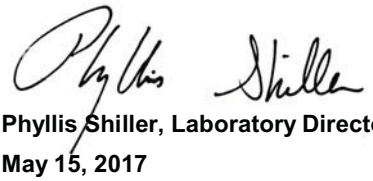
This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile comment:
Elevated reporting limits for volatiles due to dilution for sample matrix.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
May 15, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 15, 2017

FOR: Attn: Tommy Giamichael
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY: 12020

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:		05/05/17	11:50
Location Code:	AZTECHNY	Received by:	LB	05/08/17	16:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY16899
Phoenix ID: BY16907

Project ID: TIM BAYLY PROPERTY
Client ID: WF-10

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89		%		05/08/17	Q	SW846-%Solid
Soil Extraction for SVOA	Completed				05/08/17	BJ/CKV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloroethane	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloroethene	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloropropene	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,3-Trichloropropane	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dibromoethane	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichloroethane	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichloropropane	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,3-Dichloropropane	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
2,2-Dichloropropane	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
2-Chlorotoluene	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C
2-Hexanone	ND	260	ug/Kg	1	05/11/17	JLI	SW8260C
2-Isopropyltoluene	ND	52	ug/Kg	1	05/11/17	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: WF-10

Phoenix I.D.: BY16907

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
4-Methyl-2-pentanone	ND		260	ug/Kg	1	05/11/17	JLI	SW8260C	
Acetone	270	S	260	ug/Kg	1	05/11/17	JLI	SW8260C	
Acrylonitrile	ND		100	ug/Kg	1	05/11/17	JLI	SW8260C	
Benzene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromobenzene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromochloromethane	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromodichloromethane	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromoform	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromomethane	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon Disulfide	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon tetrachloride	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Chlorobenzene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroethane	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroform	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloromethane	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromochloromethane	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromomethane	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Dichlorodifluoromethane	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Ethylbenzene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Hexachlorobutadiene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Isopropylbenzene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
m&p-Xylene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND		260	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		100	ug/Kg	1	05/11/17	JLI	SW8260C	
Methylene chloride	ND		100	ug/Kg	1	05/11/17	JLI	SW8260C	
Naphthalene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
n-Butylbenzene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
n-Propylbenzene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
o-Xylene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
p-Isopropyltoluene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
sec-Butylbenzene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Styrene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
tert-Butylbenzene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Tetrachloroethene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		100	ug/Kg	1	05/11/17	JLI	SW8260C	1
Toluene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Total Xylenes	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		100	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichloroethene	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorofluoromethane	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
Vinyl chloride	ND		52	ug/Kg	1	05/11/17	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	1	05/11/17	JLI	70 - 130 %	

Ver 1

Project ID: TIM BAYLY PROPERTY
Client ID: WF-10

Phoenix I.D.: BY16907

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	94		%	1	05/11/17	JLI	70 - 130 %	
% Dibromofluoromethane	98		%	1	05/11/17	JLI	70 - 130 %	
% Toluene-d8	97		%	1	05/11/17	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
1,2-Dichlorobenzene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
1,2-Diphenylhydrazine	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
1,3-Dichlorobenzene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
1,4-Dichlorobenzene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2-Chlorophenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
2-Nitroaniline	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
2-Nitrophenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
3-Nitroaniline	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chloroaniline	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
4-Nitroaniline	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D	
4-Nitrophenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Acenaphthene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Acenaphthylene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Acetophenone	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Aniline	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
Anthracene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Benz(a)anthracene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Benzidine	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(a)pyrene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Benzoic acid	ND	2200	ug/Kg	1	05/09/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	780	ug/Kg	1	05/09/17	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: WF-10

Phoenix I.D.: BY16907

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Bis(2-ethylhexyl)phthalate	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Carbazole	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
Chrysene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Dibenzofuran	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Diethyl phthalate	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Dimethylphthalate	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Di-n-butylphthalate	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Di-n-octylphthalate	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Fluoranthene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Fluorene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorobenzene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorobutadiene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Hexachloroethane	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Isophorone	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Naphthalene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Nitrobenzene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
Pentachloronitrobenzene	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
Pentachlorophenol	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
Phenanthrene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Phenol	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Pyrene	ND	780	ug/Kg	1	05/09/17	DD	SW8270D
Pyridine	ND	1100	ug/Kg	1	05/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	68		%	1	05/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	66		%	1	05/09/17	DD	30 - 130 %
% 2-Fluorophenol	66		%	1	05/09/17	DD	30 - 130 %
% Nitrobenzene-d5	66		%	1	05/09/17	DD	30 - 130 %
% Phenol-d5	66		%	1	05/09/17	DD	30 - 130 %
% Terphenyl-d14	78		%	1	05/09/17	DD	30 - 130 %

Project ID: TIM BAYLY PROPERTY
Client ID: WF-10

Phoenix I.D.: BY16907

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile comment:
Elevated reporting limits for volatiles due to dilution for sample matrix.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

May 15, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 15, 2017

FOR: Attn: Tommy Giamichael
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY: 12020

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:		05/05/17	13:30
Location Code:	AZTECHNY	Received by:	LB	05/08/17	16:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY16899
Phoenix ID: BY16908

Project ID: TIM BAYLY PROPERTY
Client ID: JOIST COMP #1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	91		%		05/08/17	Q	SW846-%Solid
Soil Extraction for SVOA	Completed				05/08/17	BJ/CKV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloroethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloroethene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloropropene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,3-Trichloropropane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dibromoethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichloroethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichloropropane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,3-Dichloropropane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
2,2-Dichloropropane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
2-Chlorotoluene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
2-Hexanone	ND	270	ug/Kg	1	05/11/17	JLI	SW8260C
2-Isopropyltoluene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: JOIST COMP #1

Phoenix I.D.: BY16908

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
4-Methyl-2-pentanone	ND		270	ug/Kg	1	05/11/17	JLI	SW8260C	
Acetone	550	S	270	ug/Kg	1	05/11/17	JLI	SW8260C	
Acrylonitrile	ND		110	ug/Kg	1	05/11/17	JLI	SW8260C	
Benzene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromobenzene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromochloromethane	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromodichloromethane	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromoform	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromomethane	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon Disulfide	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon tetrachloride	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Chlorobenzene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroethane	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroform	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloromethane	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromochloromethane	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromomethane	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Dichlorodifluoromethane	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Ethylbenzene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Hexachlorobutadiene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Isopropylbenzene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
m&p-Xylene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND		270	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		110	ug/Kg	1	05/11/17	JLI	SW8260C	
Methylene chloride	ND		110	ug/Kg	1	05/11/17	JLI	SW8260C	
Naphthalene	270		250	ug/Kg	25	05/12/17	JLI	SW8260C	
n-Butylbenzene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
n-Propylbenzene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
o-Xylene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
p-Isopropyltoluene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
sec-Butylbenzene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Styrene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
tert-Butylbenzene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Tetrachloroethene	510		510	ug/Kg	25	05/12/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		110	ug/Kg	1	05/11/17	JLI	SW8260C	1
Toluene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Total Xylenes	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		110	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichloroethene	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorofluoromethane	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
Vinyl chloride	ND		54	ug/Kg	1	05/11/17	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	94			%	1	05/11/17	JLI	70 - 130 %	

Ver 1

Project ID: TIM BAYLY PROPERTY
Client ID: JOIST COMP #1

Phoenix I.D.: BY16908

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	87		%	1	05/11/17	JLI	70 - 130 %	
% Dibromofluoromethane	97		%	1	05/11/17	JLI	70 - 130 %	
% Toluene-d8	95		%	1	05/11/17	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
1,2-Dichlorobenzene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
1,2-Diphenylhydrazine	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D	
1,3-Dichlorobenzene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
1,4-Dichlorobenzene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dichlorophenol	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dimethylphenol	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dinitrophenol	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
2-Chloronaphthalene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
2-Chlorophenol	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
2-Methylnaphthalene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
2-Nitroaniline	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D	
2-Nitrophenol	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
3-Nitroaniline	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chloroaniline	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
4-Nitroaniline	ND	2900	ug/Kg	1	05/09/17	DD	SW8270D	
4-Nitrophenol	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
Acenaphthene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
Acenaphthylene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
Acetophenone	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
Aniline	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D	
Anthracene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
Benz(a)anthracene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
Benzidine	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(a)pyrene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(ghi)perylene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
Benzoic acid	ND	3600	ug/Kg	1	05/09/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: JOIST COMP #1

Phoenix I.D.: BY16908

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Bis(2-ethylhexyl)phthalate	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Carbazole	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D
Chrysene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Dibenzofuran	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Diethyl phthalate	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Dimethylphthalate	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Di-n-butylphthalate	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Di-n-octylphthalate	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Fluoranthene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Fluorene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorobenzene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorobutadiene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Hexachloroethane	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Isophorone	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Naphthalene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Nitrobenzene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D
Pentachloronitrobenzene	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D
Pentachlorophenol	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D
Phenanthrene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Phenol	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Pyrene	ND	1300	ug/Kg	1	05/09/17	DD	SW8270D
Pyridine	ND	1800	ug/Kg	1	05/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	74		%	1	05/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	63		%	1	05/09/17	DD	30 - 130 %
% 2-Fluorophenol	61		%	1	05/09/17	DD	30 - 130 %
% Nitrobenzene-d5	62		%	1	05/09/17	DD	30 - 130 %
% Phenol-d5	64		%	1	05/09/17	DD	30 - 130 %
% Terphenyl-d14	80		%	1	05/09/17	DD	30 - 130 %

Project ID: TIM BAYLY PROPERTY
Client ID: JOIST COMP #1

Phoenix I.D.: BY16908

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile comment:
Elevated reporting limits for volatiles due to dilution for sample matrix.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

May 15, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 15, 2017

FOR: Attn: Tommy Giamichael
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY: 12020

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:		05/05/17	14:00
Location Code:	AZTECHNY	Received by:	LB	05/08/17	16:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY16899
Phoenix ID: BY16909

Project ID: TIM BAYLY PROPERTY
Client ID: JOIST COMP #2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89		%		05/08/17	Q	SW846-%Solid
Soil Extraction for SVOA	Completed				05/08/17	BJ/CKV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloroethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloroethene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,1-Dichloropropene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,3-Trichloropropane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dibromoethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichloroethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,2-Dichloropropane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,3-Dichloropropane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
2,2-Dichloropropane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
2-Chlorotoluene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C
2-Hexanone	ND	270	ug/Kg	1	05/11/17	JLI	SW8260C
2-Isopropyltoluene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C

Project ID: TIM BAYLY PROPERTY
Client ID: JOIST COMP #2

Phoenix I.D.: BY16909

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
4-Methyl-2-pentanone	ND	270	ug/Kg	1	05/11/17	JLI	SW8260C	
Acetone	ND	270	ug/Kg	1	05/11/17	JLI	SW8260C	
Acrylonitrile	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	
Benzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromobenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromochloromethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromodichloromethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromoform	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Bromomethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon Disulfide	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Carbon tetrachloride	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Chlorobenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloroform	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Chloromethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromochloromethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Dibromomethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Dichlorodifluoromethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Ethylbenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Hexachlorobutadiene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Isopropylbenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
m&p-Xylene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND	270	ug/Kg	1	05/11/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	
Methylene chloride	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	
Naphthalene	270	120	ug/Kg	25	05/12/17	JLI	SW8260C	
n-Butylbenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
n-Propylbenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
o-Xylene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
p-Isopropyltoluene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
sec-Butylbenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Styrene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
tert-Butylbenzene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Tetrachloroethene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	1
Toluene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Total Xylenes	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	110	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichloroethene	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorofluoromethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
Vinyl chloride	ND	54	ug/Kg	1	05/11/17	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96		%	1	05/11/17	JLI	70 - 130 %	

Ver 1

Project ID: TIM BAYLY PROPERTY
Client ID: JOIST COMP #2

Phoenix I.D.: BY16909

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	87		%	1	05/11/17	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	05/11/17	JLI	70 - 130 %
% Toluene-d8	94		%	1	05/11/17	JLI	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
1,2,4-Trichlorobenzene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
1,2-Dichlorobenzene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
1,2-Diphenylhydrazine	ND	1600	ug/Kg	1	05/09/17	DD	SW8270D
1,3-Dichlorobenzene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
1,4-Dichlorobenzene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
2,4-Dichlorophenol	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
2,4-Dimethylphenol	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
2,4-Dinitrophenol	ND	1600	ug/Kg	1	05/09/17	DD	SW8270D
2,4-Dinitrotoluene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
2,6-Dinitrotoluene	1900	1200	ug/Kg	1	05/09/17	DD	SW8270D
2-Chloronaphthalene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
2-Chlorophenol	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
2-Methylnaphthalene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
2-Nitroaniline	ND	1600	ug/Kg	1	05/09/17	DD	SW8270D
2-Nitrophenol	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	5000	1600	ug/Kg	1	05/09/17	DD	SW8270D
3,3'-Dichlorobenzidine	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
3-Nitroaniline	ND	1600	ug/Kg	1	05/09/17	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1600	ug/Kg	1	05/09/17	DD	SW8270D
4-Bromophenyl phenyl ether	ND	1600	ug/Kg	1	05/09/17	DD	SW8270D
4-Chloro-3-methylphenol	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
4-Chloroaniline	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
4-Nitroaniline	ND	2600	ug/Kg	1	05/09/17	DD	SW8270D
4-Nitrophenol	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Acenaphthene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Acenaphthylene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Acetophenone	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Aniline	ND	1600	ug/Kg	1	05/09/17	DD	SW8270D
Anthracene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Benz(a)anthracene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Benzidine	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Benzo(a)pyrene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Benzo(b)fluoranthene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Benzo(ghi)perylene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Benzo(k)fluoranthene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Benzoic acid	ND	3300	ug/Kg	1	05/09/17	DD	SW8270D 1
Benzyl butyl phthalate	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1600	ug/Kg	1	05/09/17	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D

Project ID: TIM BAYLY PROPERTY
Client ID: JOIST COMP #2

Phoenix I.D.: BY16909

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Bis(2-ethylhexyl)phthalate	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Carbazole	ND	1600	ug/Kg	1	05/09/17	DD	SW8270D
Chrysene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Dibenzofuran	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Diethyl phthalate	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Dimethylphthalate	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Di-n-butylphthalate	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Di-n-octylphthalate	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Fluoranthene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Fluorene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorobenzene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorobutadiene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Hexachloroethane	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Isophorone	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Naphthalene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Nitrobenzene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodimethylamine	ND	1600	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	1600	ug/Kg	1	05/09/17	DD	SW8270D
Pentachloronitrobenzene	ND	1600	ug/Kg	1	05/09/17	DD	SW8270D
Pentachlorophenol	ND	1600	ug/Kg	1	05/09/17	DD	SW8270D
Phenanthrene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Phenol	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Pyrene	ND	1200	ug/Kg	1	05/09/17	DD	SW8270D
Pyridine	ND	1600	ug/Kg	1	05/09/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	65		%	1	05/09/17	DD	30 - 130 %
% 2-Fluorobiphenyl	60		%	1	05/09/17	DD	30 - 130 %
% 2-Fluorophenol	57		%	1	05/09/17	DD	30 - 130 %
% Nitrobenzene-d5	58		%	1	05/09/17	DD	30 - 130 %
% Phenol-d5	59		%	1	05/09/17	DD	30 - 130 %
% Terphenyl-d14	73		%	1	05/09/17	DD	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

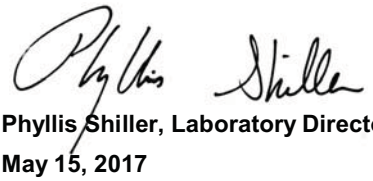
This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile comment:
Elevated reporting limits for volatiles due to dilution for sample matrix.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
May 15, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 15, 2017

QA/QC Data

SDG I.D.: GBY16899

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 385662 (mg/L), QC Sample No: BY16599 (BY16899)													
ICP Metals - TCLP Extraction													
Arsenic	BRL	0.01	<0.01	<0.01	NC	112			108			75 - 125	20
Barium	BRL	0.01	0.24	0.25	4.10	98.6			97.2			75 - 125	20
Cadmium	BRL	0.005	0.001 J	0.001	NC	101			97.9			75 - 125	20
Chromium	BRL	0.010	<0.010	<0.010	NC	101			98.7			75 - 125	20
Lead	BRL	0.010	0.079	0.081	2.50	111			108			75 - 125	20
Selenium	BRL	0.01	<0.01	<0.01	NC	117			115			75 - 125	20
Silver	BRL	0.010	<0.010	<0.010	NC	117			116			75 - 125	20
QA/QC Batch 385666 (mg/L), QC Sample No: BY16599 (BY16899)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	107			97.5			70 - 130	20

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 15, 2017

QA/QC Data

SDG I.D.: GBY16899

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 385654 (mg/Kg), QC Sample No: BY14768 4.85X (BY16899)													
Reactivity Cyanide	BRL	0.05	<5.9	<5.8	NC	92.4						85 - 115	30
QA/QC Batch 385854 (Degree F), QC Sample No: BY17513 (BY16899)													
Flash Point			>200	>200	NC	100						85 - 115	30

Comment:

Additional criteria matrix spike acceptance range is 75-125%.

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 15, 2017

QA/QC Data

SDG I.D.: GBY16899

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 385842 (ug/L), QC Sample No: BY15580 (BY16899 (5X))										
Volatiles - TCLP										
1,1-Dichloroethene	ND	5.0	97	95	2.1				70 - 130	30
1,2-Dichloroethane	ND	0.60	94	92	2.2				70 - 130	30
Benzene	ND	0.70	97	95	2.1				70 - 130	30
Carbon tetrachloride	ND	5.0	98	97	1.0				70 - 130	30
Chlorobenzene	ND	1.0	100	97	3.0				70 - 130	30
Chloroform	ND	5.0	93	91	2.2				70 - 130	30
Methyl ethyl ketone	ND	5.0	80	72	10.5				70 - 130	30
Tetrachloroethene	ND	1.0	98	97	1.0				70 - 130	30
Trichloroethene	ND	5.0	99	97	2.0				70 - 130	30
Vinyl chloride	ND	5.0	84	82	2.4				70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	100	97	3.0				70 - 130	30
% Bromofluorobenzene	96	%	98	97	1.0				70 - 130	30
% Dibromofluoromethane	97	%	96	98	2.1				70 - 130	30
% Toluene-d8	96	%	99	99	0.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 385938 (ug/L), QC Sample No: BY15962 10X (BY16899)

Pesticides

4,4' -DDD	ND	0.25	92	85	7.9				40 - 140	20
4,4' -DDE	ND	0.25	98	90	8.5				40 - 140	20
4,4' -DDT	ND	0.25	96	86	11.0				40 - 140	20
a-BHC	ND	0.15	96	89	7.6				40 - 140	20
Alachlor	ND	0.50	NA	NA	NC				40 - 140	20
Aldrin	ND	0.15	95	88	7.7				40 - 140	20
b-BHC	ND	0.15	99	90	9.5				40 - 140	20
Chlordane	ND	5.0	98	91	7.4				40 - 140	20
d-BHC	ND	0.50	93	85	9.0				40 - 140	20
Dieldrin	ND	0.15	100	88	12.8				40 - 140	20
Endosulfan I	ND	0.50	104	96	8.0				40 - 140	20
Endosulfan II	ND	0.50	91	81	11.6				40 - 140	20
Endosulfan sulfate	ND	0.50	96	87	9.8				40 - 140	20
Endrin	ND	0.50	93	83	11.4				40 - 140	20
Endrin aldehyde	ND	0.50	98	84	15.4				40 - 140	20
g-BHC	ND	0.15	96	89	7.6				40 - 140	20
Heptachlor	ND	0.50	99	93	6.3				40 - 140	20
Heptachlor epoxide	ND	0.50	102	95	7.1				40 - 140	20
Methoxychlor	ND	0.50	99	89	10.6				40 - 140	20
Toxaphene	ND	20	NA	NA	NC				40 - 140	20
% DCBP	98	%	101	93	8.2				30 - 150	20

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% TCMX	96	%	95	94	1.1				30 - 150	20

Comment:

A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate, unless otherwise noted. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane.

QA/QC Batch 385937 (ug/L), QC Sample No: BY15962 (BY16899)

Semivolatiles

1,4-Dichlorobenzene	ND	17	93	91	2.2				30 - 130	20
2,4,5-Trichlorophenol	ND	17	112	111	0.9				30 - 130	20
2,4,6-Trichlorophenol	ND	17	107	105	1.9				30 - 130	20
2,4-Dinitrotoluene	ND	58	124	118	5.0				30 - 130	20
2-Methylphenol (o-cresol)	ND	17	127	120	5.7				30 - 130	20
3&4-Methylphenol (m&p-cresol)	ND	17	114	108	5.4				30 - 130	20
Hexachlorobenzene	ND	58	117	120	2.5				30 - 130	20
Hexachlorobutadiene	ND	58	91	94	3.2				30 - 130	20
Hexachloroethane	ND	58	87	88	1.1				30 - 130	20
Nitrobenzene	ND	58	111	104	6.5				30 - 130	20
Pentachlorophenol	ND	58	100	100	0.0				30 - 130	20
Pyridine	ND	83	76	76	0.0				30 - 130	20
% 2,4,6-Tribromophenol	106	%	106	109	2.8				15 - 110	20
% 2-Fluorobiphenyl	106	%	104	103	1.0				30 - 130	20
% 2-Fluorophenol	85	%	89	90	1.1				15 - 110	20
% Nitrobenzene-d5	114	%	109	104	4.7				30 - 130	20
% Phenol-d5	82	%	85	81	4.8				15 - 110	20
% Terphenyl-d14	103	%	109	109	0.0				30 - 130	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 385587 (ug/Kg), QC Sample No: BY16595 2X (BY16899, BY16900)

Polychlorinated Biphenyls - Soil, Bulk

PCB-1016	ND	33	89	87	2.3	86	88	2.3	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	92	97	5.3	88	90	2.2	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	91	%	107	135	23.1	130	99	27.1	30 - 150	30
% TCMX (Surrogate Rec)	78	%	94	89	5.5	90	92	2.2	30 - 150	30

QA/QC Batch 385584 (ug/Kg), QC Sample No: BY16878 (BY16901)

Semivolatiles - Bulk

1,2,4,5-Tetrachlorobenzene	ND	230	72	76	5.4	68	74	8.5	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	68	71	4.3	68	71	4.3	30 - 130	30
1,2-Dichlorobenzene	ND	180	59	57	3.4	56	61	8.5	30 - 130	30
1,2-Diphenylhydrazine	ND	230	71	73	2.8	66	71	7.3	30 - 130	30
1,3-Dichlorobenzene	ND	230	57	54	5.4	55	58	5.3	30 - 130	30
1,4-Dichlorobenzene	ND	230	59	58	1.7	57	59	3.4	30 - 130	30
2,4,5-Trichlorophenol	ND	230	71	74	4.1	66	71	7.3	30 - 130	30
2,4,6-Trichlorophenol	ND	130	68	70	2.9	63	68	7.6	30 - 130	30

QA/QC Data

SDG I.D.: GBY16899

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2,4-Dichlorophenol	ND	130	77	78	1.3	69	76	9.7	30 - 130	30	
2,4-Dimethylphenol	ND	230	72	76	5.4	65	71	8.8	30 - 130	30	
2,4-Dinitrophenol	ND	230	<10	<10	NC	35	45	25.0	30 - 130	30	l
2,4-Dinitrotoluene	ND	130	73	77	5.3	66	75	12.8	30 - 130	30	
2,6-Dinitrotoluene	ND	130	72	73	1.4	65	71	8.8	30 - 130	30	
2-Chloronaphthalene	ND	230	69	72	4.3	66	70	5.9	30 - 130	30	
2-Chlorophenol	ND	230	65	63	3.1	59	68	14.2	30 - 130	30	
2-Methylnaphthalene	ND	230	70	73	4.2	66	71	7.3	30 - 130	30	
2-Methylphenol (o-cresol)	ND	230	70	67	4.4	63	71	11.9	30 - 130	30	
2-Nitroaniline	ND	330	62	63	1.6	62	70	12.1	30 - 130	30	
2-Nitrophenol	ND	230	73	76	4.0	68	73	7.1	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230	69	68	1.5	62	71	13.5	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	66	70	5.9	60	61	1.7	30 - 130	30	
3-Nitroaniline	ND	330	65	65	0.0	62	68	9.2	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	23	19	19.0	52	62	17.5	30 - 130	30	l
4-Bromophenyl phenyl ether	ND	230	70	73	4.2	66	70	5.9	30 - 130	30	
4-Chloro-3-methylphenol	ND	230	77	80	3.8	69	78	12.2	30 - 130	30	
4-Chloroaniline	ND	230	75	78	3.9	67	72	7.2	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	70	72	2.8	64	70	9.0	30 - 130	30	
4-Nitroaniline	ND	230	73	79	7.9	68	76	11.1	30 - 130	30	
4-Nitrophenol	ND	230	64	64	0.0	55	61	10.3	30 - 130	30	
Acenaphthene	ND	230	72	73	1.4	68	72	5.7	30 - 130	30	
Acenaphthylene	ND	130	67	69	2.9	62	68	9.2	30 - 130	30	
Acetophenone	ND	230	62	59	5.0	57	64	11.6	30 - 130	30	
Aniline	ND	330	58	55	5.3	50	59	16.5	30 - 130	30	
Anthracene	ND	230	74	75	1.3	69	76	9.7	30 - 130	30	
Benz(a)anthracene	ND	230	70	73	4.2	68	73	7.1	30 - 130	30	
Benzidine	ND	330	20	22	9.5	21	17	21.1	30 - 130	30	l,m
Benzo(a)pyrene	ND	130	68	70	2.9	64	70	9.0	30 - 130	30	
Benzo(b)fluoranthene	ND	160	71	78	9.4	67	74	9.9	30 - 130	30	
Benzo(ghi)perylene	ND	230	74	77	4.0	69	76	9.7	30 - 130	30	
Benzo(k)fluoranthene	ND	230	75	73	2.7	69	76	9.7	30 - 130	30	
Benzoic Acid	ND	330	<10	<10	NC	20	20	0.0	30 - 130	30	l,m
Benzyl butyl phthalate	ND	230	72	74	2.7	66	72	8.7	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	77	79	2.6	73	78	6.6	30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	57	55	3.6	55	60	8.7	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	57	54	5.4	53	59	10.7	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	70	74	5.6	65	71	8.8	30 - 130	30	
Carbazole	ND	230	74	75	1.3	67	77	13.9	30 - 130	30	
Chrysene	ND	230	75	78	3.9	71	78	9.4	30 - 130	30	
Dibenz(a,h)anthracene	ND	130	73	76	4.0	66	75	12.8	30 - 130	30	
Dibenzofuran	ND	230	71	74	4.1	65	71	8.8	30 - 130	30	
Diethyl phthalate	ND	230	75	77	2.6	66	74	11.4	30 - 130	30	
Dimethylphthalate	ND	230	72	75	4.1	65	72	10.2	30 - 130	30	
Di-n-butylphthalate	ND	230	75	75	0.0	67	75	11.3	30 - 130	30	
Di-n-octylphthalate	ND	230	70	74	5.6	65	72	10.2	30 - 130	30	
Fluoranthene	ND	230	73	75	2.7	73	77	5.3	30 - 130	30	
Fluorene	ND	230	73	75	2.7	68	73	7.1	30 - 130	30	
Hexachlorobenzene	ND	130	72	76	5.4	70	76	8.2	30 - 130	30	
Hexachlorobutadiene	ND	230	69	71	2.9	67	70	4.4	30 - 130	30	
Hexachlorocyclopentadiene	ND	230	63	65	3.1	57	63	10.0	30 - 130	30	
Hexachloroethane	ND	130	57	57	0.0	55	57	3.6	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	71	74	4.1	67	72	7.2	30 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Isophorone	ND	130	69	73	5.6	64	70	9.0	30 - 130	30	
Naphthalene	ND	230	72	74	2.7	70	74	5.6	30 - 130	30	
Nitrobenzene	ND	130	64	63	1.6	60	66	9.5	30 - 130	30	
N-Nitrosodimethylamine	ND	230	55	55	0.0	54	58	7.1	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	130	66	63	4.7	60	68	12.5	30 - 130	30	
N-Nitrosodiphenylamine	ND	130	71	75	5.5	64	72	11.8	30 - 130	30	
Pentachloronitrobenzene	ND	230	72	73	1.4	64	72	11.8	30 - 130	30	
Pentachlorophenol	ND	230	46	38	19.0	49	54	9.7	30 - 130	30	
Phenanthrene	ND	130	70	72	2.8	70	73	4.2	30 - 130	30	
Phenol	ND	230	68	66	3.0	60	70	15.4	30 - 130	30	
Pyrene	ND	230	75	76	1.3	72	79	9.3	30 - 130	30	
Pyridine	ND	230	42	45	6.9	47	47	0.0	30 - 130	30	
% 2,4,6-Tribromophenol	68	%	71	73	2.8	66	73	10.1	30 - 130	30	
% 2-Fluorobiphenyl	70	%	69	72	4.3	68	70	2.9	30 - 130	30	
% 2-Fluorophenol	67	%	67	63	6.2	61	69	12.3	30 - 130	30	
% Nitrobenzene-d5	64	%	66	63	4.7	61	67	9.4	30 - 130	30	
% Phenol-d5	70	%	69	66	4.4	62	71	13.5	30 - 130	30	
% Terphenyl-d14	76	%	74	76	2.7	69	76	9.7	30 - 130	30	

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 385658 (ug/Kg), QC Sample No: BY16918 (BY16902, BY16903, BY16904, BY16905, BY16906, BY16907, BY16908, BY16909)

Semivolatiles - Bulk

1,2,4,5-Tetrachlorobenzene	ND	230	70	68	2.9	75	72	4.1	30 - 130	30	
1,2,4-Trichlorobenzene	ND	230	67	65	3.0	69	67	2.9	30 - 130	30	
1,2-Dichlorobenzene	ND	180	64	64	0.0	59	57	3.4	30 - 130	30	
1,2-Diphenylhydrazine	ND	230	70	70	0.0	82	77	6.3	30 - 130	30	
1,3-Dichlorobenzene	ND	230	63	64	1.6	58	54	7.1	30 - 130	30	
1,4-Dichlorobenzene	ND	230	63	64	1.6	58	58	0.0	30 - 130	30	
2,4,5-Trichlorophenol	ND	230	74	73	1.4	78	78	0.0	30 - 130	30	
2,4,6-Trichlorophenol	ND	130	74	73	1.4	72	72	0.0	30 - 130	30	
2,4-Dichlorophenol	ND	130	69	67	2.9	73	72	1.4	30 - 130	30	
2,4-Dimethylphenol	ND	230	63	61	3.2	63	61	3.2	30 - 130	30	
2,4-Dinitrophenol	ND	230	<10	<10	NC	61	46	28.0	30 - 130	30	I
2,4-Dinitrotoluene	ND	130	82	82	0.0	77	75	2.6	30 - 130	30	
2,6-Dinitrotoluene	ND	130	79	79	0.0	77	82	6.3	30 - 130	30	
2-Chloronaphthalene	ND	230	77	75	2.6	74	76	2.7	30 - 130	30	
2-Chlorophenol	ND	230	71	70	1.4	65	63	3.1	30 - 130	30	
2-Methylnaphthalene	ND	230	67	65	3.0	72	69	4.3	30 - 130	30	
2-Methylphenol (o-cresol)	ND	230	66	67	1.5	76	76	0.0	30 - 130	30	
2-Nitroaniline	ND	330	66	64	3.1	66	71	7.3	30 - 130	30	
2-Nitrophenol	ND	230	62	61	1.6	74	64	14.5	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230	75	75	0.0	74	74	0.0	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	68	68	0.0	42	36	15.4	30 - 130	30	
3-Nitroaniline	ND	330	73	73	0.0	59	69	15.6	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	17	14	19.4	66	56	16.4	30 - 130	30	I
4-Bromophenyl phenyl ether	ND	230	77	77	0.0	77	76	1.3	30 - 130	30	
4-Chloro-3-methylphenol	ND	230	69	67	2.9	75	76	1.3	30 - 130	30	
4-Chloroaniline	ND	230	59	59	0.0	53	61	14.0	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	84	83	1.2	77	79	2.6	30 - 130	30	
4-Nitroaniline	ND	230	71	70	1.4	80	77	3.8	30 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Nitrophenol	ND	230	70	69	1.4	80	75	6.5	30 - 130	30	
Acenaphthene	ND	230	81	80	1.2	76	74	2.7	30 - 130	30	
Acenaphthylene	ND	130	73	72	1.4	71	70	1.4	30 - 130	30	
Acetophenone	ND	230	65	65	0.0	68	67	1.5	30 - 130	30	
Aniline	ND	330	55	55	0.0	43	49	13.0	30 - 130	30	
Anthracene	ND	230	79	79	0.0	84	77	8.7	30 - 130	30	
Benz(a)anthracene	ND	230	78	76	2.6	99	62	46.0	30 - 130	30	r
Benzidine	ND	330	10	13	26.1	<10	<10	NC	30 - 130	30	l,m
Benzo(a)pyrene	ND	130	77	75	2.6	84	58	36.6	30 - 130	30	r
Benzo(b)fluoranthene	ND	160	79	77	2.6	105	65	47.1	30 - 130	30	r
Benzo(ghi)perylene	ND	230	75	78	3.9	58	61	5.0	30 - 130	30	
Benzo(k)fluoranthene	ND	230	86	83	3.6	79	69	13.5	30 - 130	30	
Benzoic Acid	ND	330	<10	<10	NC	30	43	35.6	30 - 130	30	l,r
Benzyl butyl phthalate	ND	230	75	73	2.7	74	76	2.7	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	66	64	3.1	75	72	4.1	30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	58	58	0.0	56	57	1.8	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	49	50	2.0	58	54	7.1	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	73	72	1.4	82	81	1.2	30 - 130	30	
Carbazole	ND	230	77	77	0.0	81	77	5.1	30 - 130	30	
Chrysene	ND	230	86	84	2.4	104	66	44.7	30 - 130	30	r
Dibenz(a,h)anthracene	ND	130	74	78	5.3	61	76	21.9	30 - 130	30	
Dibenzofuran	ND	230	79	78	1.3	77	74	4.0	30 - 130	30	
Diethyl phthalate	ND	230	84	82	2.4	78	76	2.6	30 - 130	30	
Dimethylphthalate	ND	230	80	80	0.0	78	76	2.6	30 - 130	30	
Di-n-butylphthalate	ND	230	78	78	0.0	79	80	1.3	30 - 130	30	
Di-n-octylphthalate	ND	230	77	76	1.3	82	79	3.7	30 - 130	30	
Fluoranthene	ND	230	81	81	0.0	140	65	73.2	30 - 130	30	m,r
Fluorene	ND	230	79	78	1.3	78	75	3.9	30 - 130	30	
Hexachlorobenzene	ND	130	76	76	0.0	80	75	6.5	30 - 130	30	
Hexachlorobutadiene	ND	230	67	66	1.5	65	62	4.7	30 - 130	30	
Hexachlorocyclopentadiene	ND	230	76	73	4.0	48	32	40.0	30 - 130	30	r
Hexachloroethane	ND	130	60	61	1.7	58	53	9.0	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	72	75	4.1	61	63	3.2	30 - 130	30	
Isophorone	ND	130	60	58	3.4	68	65	4.5	30 - 130	30	
Naphthalene	ND	230	66	65	1.5	76	74	2.7	30 - 130	30	
Nitrobenzene	ND	130	66	66	0.0	67	66	1.5	30 - 130	30	
N-Nitrosodimethylamine	ND	230	65	68	4.5	51	46	10.3	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	130	68	67	1.5	69	65	6.0	30 - 130	30	
N-Nitrosodiphenylamine	ND	130	85	84	1.2	77	75	2.6	30 - 130	30	
Pentachloronitrobenzene	ND	230	80	78	2.5	79	78	1.3	30 - 130	30	
Pentachlorophenol	ND	230	57	53	7.3	73	68	7.1	30 - 130	30	
Phenanthrene	ND	130	76	77	1.3	104	65	46.2	30 - 130	30	r
Phenol	ND	230	67	67	0.0	75	73	2.7	30 - 130	30	
Pyrene	ND	230	82	82	0.0	134	64	70.7	30 - 130	30	m,r
Pyridine	ND	230	48	49	2.1	41	34	18.7	30 - 130	30	
% 2,4,6-Tribromophenol	54	%	65	64	1.6	77	72	6.7	30 - 130	30	
% 2-Fluorobiphenyl	74	%	76	76	0.0	74	74	0.0	30 - 130	30	
% 2-Fluorophenol	53	%	64	62	3.2	61	60	1.7	30 - 130	30	
% Nitrobenzene-d5	64	%	65	66	1.5	71	67	5.8	30 - 130	30	
% Phenol-d5	61	%	69	69	0.0	70	70	0.0	30 - 130	30	
% Terphenyl-d14	79	%	83	83	0.0	81	83	2.4	30 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Comment:											
Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)											
QA/QC Batch 386243 (ug/kg), QC Sample No: BY17427 (BY16901, BY16902, BY16903, BY16904, BY16905, BY16906, BY16907, BY16908, BY16909)											
Volatiles - Bulk											
1,1,1,2-Tetrachloroethane	ND	5.0	101	105	3.9	98	92	6.3	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	99	101	2.0	94	89	5.5	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	97	104	7.0	99	94	5.2	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	94	99	5.2	96	91	5.3	70 - 130	30	
1,1-Dichloroethane	ND	5.0	96	99	3.1	94	88	6.6	70 - 130	30	
1,1-Dichloroethene	ND	5.0	94	97	3.1	80	74	7.8	70 - 130	30	
1,1-Dichloropropene	ND	5.0	97	97	0.0	96	91	5.3	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	97	95	2.1	105	98	6.9	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	92	98	6.3	91	87	4.5	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	98	93	5.2	103	95	8.1	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	96	95	1.0	95	90	5.4	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	97	108	10.7	96	88	8.7	70 - 130	30	
1,2-Dibromoethane	ND	5.0	97	102	5.0	97	91	6.4	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	96	96	0.0	95	89	6.5	70 - 130	30	
1,2-Dichloroethane	ND	5.0	97	100	3.0	96	90	6.5	70 - 130	30	
1,2-Dichloropropane	ND	5.0	94	97	3.1	96	90	6.5	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	97	95	2.1	95	90	5.4	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	97	95	2.1	95	88	7.7	70 - 130	30	
1,3-Dichloropropane	ND	5.0	95	99	4.1	96	89	7.6	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	96	94	2.1	94	88	6.6	70 - 130	30	
2,2-Dichloropropane	ND	5.0	97	101	4.0	93	86	7.8	70 - 130	30	
2-Chlorotoluene	ND	5.0	96	96	0.0	95	89	6.5	70 - 130	30	
2-Hexanone	ND	25	88	98	10.8	91	87	4.5	70 - 130	30	
2-Isopropyltoluene	ND	5.0	103	102	1.0	102	96	6.1	70 - 130	30	
4-Chlorotoluene	ND	5.0	95	93	2.1	92	88	4.4	70 - 130	30	
4-Methyl-2-pentanone	ND	25	92	101	9.3	96	91	5.3	70 - 130	30	
Acetone	ND	10	72	78	8.0	60	59	1.7	70 - 130	30	m
Acrylonitrile	ND	5.0	94	105	11.1	100	95	5.1	70 - 130	30	
Benzene	ND	1.0	94	98	4.2	96	90	6.5	70 - 130	30	
Bromobenzene	ND	5.0	96	99	3.1	97	90	7.5	70 - 130	30	
Bromochloromethane	ND	5.0	97	101	4.0	95	90	5.4	70 - 130	30	
Bromodichloromethane	ND	5.0	97	102	5.0	96	89	7.6	70 - 130	30	
Bromoform	ND	5.0	106	113	6.4	100	90	10.5	70 - 130	30	
Bromomethane	ND	5.0	107	104	2.8	79	61	25.7	70 - 130	30	m
Carbon Disulfide	ND	5.0	107	109	1.9	90	81	10.5	70 - 130	30	
Carbon tetrachloride	ND	5.0	102	102	0.0	92	85	7.9	70 - 130	30	
Chlorobenzene	ND	5.0	96	97	1.0	97	89	8.6	70 - 130	30	
Chloroethane	ND	5.0	97	99	2.0	51	48	6.1	70 - 130	30	m
Chloroform	ND	5.0	96	99	3.1	94	88	6.6	70 - 130	30	
Chloromethane	ND	5.0	82	84	2.4	80	78	2.5	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	96	99	3.1	91	88	3.4	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	96	101	5.1	97	91	6.4	70 - 130	30	
Dibromochloromethane	ND	3.0	105	110	4.7	102	93	9.2	70 - 130	30	
Dibromomethane	ND	5.0	94	98	4.2	95	89	6.5	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	82	80	2.5	83	79	4.9	70 - 130	30	
Ethylbenzene	ND	1.0	97	97	0.0	97	90	7.5	70 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Hexachlorobutadiene	ND	5.0	98	91	7.4	99	94	5.2	70 - 130	30	
Isopropylbenzene	ND	1.0	95	95	0.0	95	90	5.4	70 - 130	30	
m&p-Xylene	ND	2.0	97	96	1.0	98	90	8.5	70 - 130	30	
Methyl ethyl ketone	ND	5.0	86	97	12.0	89	85	4.6	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	111	118	6.1	110	103	6.6	70 - 130	30	
Methylene chloride	ND	5.0	86	88	2.3	84	78	7.4	70 - 130	30	
Naphthalene	ND	5.0	99	104	4.9	108	100	7.7	70 - 130	30	
n-Butylbenzene	ND	1.0	98	90	8.5	97	91	6.4	70 - 130	30	
n-Propylbenzene	ND	1.0	95	92	3.2	94	88	6.6	70 - 130	30	
o-Xylene	ND	2.0	98	100	2.0	99	92	7.3	70 - 130	30	
p-Isopropyltoluene	ND	1.0	97	93	4.2	96	90	6.5	70 - 130	30	
sec-Butylbenzene	ND	1.0	100	97	3.0	99	94	5.2	70 - 130	30	
Styrene	ND	5.0	97	97	0.0	96	89	7.6	70 - 130	30	
tert-Butylbenzene	ND	1.0	97	96	1.0	96	91	5.3	70 - 130	30	
Tetrachloroethene	ND	5.0	97	92	5.3	96	90	6.5	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	92	101	9.3	96	92	4.3	70 - 130	30	
Toluene	ND	1.0	94	97	3.1	96	90	6.5	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	95	98	3.1	90	84	6.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	94	99	5.2	94	87	7.7	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	102	109	6.6	98	93	5.2	70 - 130	30	
Trichloroethene	ND	5.0	96	97	1.0	96	90	6.5	70 - 130	30	
Trichlorofluoromethane	ND	5.0	96	95	1.0	29	28	3.5	70 - 130	30	m
Trichlorotrifluoroethane	ND	5.0	101	95	6.1	83	78	6.2	70 - 130	30	
Vinyl chloride	ND	5.0	88	90	2.2	91	86	5.6	70 - 130	30	
% 1,2-dichlorobenzene-d4	99	%	98	98	0.0	99	99	0.0	70 - 130	30	
% Bromofluorobenzene	97	%	99	98	1.0	99	98	1.0	70 - 130	30	
% Dibromofluoromethane	98	%	99	99	0.0	98	98	0.0	70 - 130	30	
% Toluene-d8	97	%	98	99	1.0	100	99	1.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 385837 (ug/L), QC Sample No: BY17727 10X (BY16899)

Chlorinated Herbicides

2,4,5-TP (Silvex)	ND	2.5	79	78	1.3				40 - 140	20	
2,4-D	ND	5.0	99	99	0.0				40 - 140	20	
% DCAA (Surrogate Rec)	81	%	86	85	1.2				30 - 150	20	

QA/QC Batch 386245 (ug/kg), QC Sample No: BY19134 (BY16902 (25X) , BY16903 (25X) , BY16908 (25X))

Volatiles - Bulk

1,1,2,2-Tetrachloroethane	ND	3.0	100	84	17.4	93	85	9.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	96	79	19.4	57	55	3.6	70 - 130	30	m
1,2,3-Trichloropropane	ND	5.0	96	80	18.2	90	83	8.1	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	95	78	19.7	61	57	6.8	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	1.0	99	82	18.8	90	83	8.1	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	99	79	22.5	85	80	6.1	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	98	82	17.8	78	73	6.6	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	101	85	17.2	96	88	8.7	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	97	81	18.0	82	75	8.9	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	97	81	18.0	80	74	7.8	70 - 130	30	
2-Chlorotoluene	ND	5.0	98	84	15.4	94	87	7.7	70 - 130	30	
2-Isopropyltoluene	ND	5.0	103	88	15.7	97	90	7.5	70 - 130	30	
4-Chlorotoluene	ND	5.0	98	82	17.8	87	81	7.1	70 - 130	30	
Bromobenzene	ND	5.0	97	82	16.8	89	82	8.2	70 - 130	30	

QA/QC Data

SDG I.D.: GBY16899

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Hexachlorobutadiene	ND	5.0	101	85	17.2	76	69	9.7	70 - 130	30	m
Isopropylbenzene	ND	1.0	102	86	17.0	104	96	8.0	70 - 130	30	
Naphthalene	ND	5.0	101	85	17.2	71	65	8.8	70 - 130	30	m
n-Butylbenzene	ND	1.0	102	85	18.2	90	82	9.3	70 - 130	30	
n-Propylbenzene	ND	1.0	99	84	16.4	99	91	8.4	70 - 130	30	
p-Isopropyltoluene	ND	1.0	101	85	17.2	94	86	8.9	70 - 130	30	
sec-Butylbenzene	ND	1.0	107	90	17.3	102	93	9.2	70 - 130	30	
tert-Butylbenzene	ND	1.0	103	87	16.8	100	91	9.4	70 - 130	30	
Tetrachloroethene	ND	5.0	98	86	13.0	93	89	4.4	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	106	87	19.7	75	70	6.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	%	101	101	0.0	98	98	0.0	70 - 130	30	
% Bromofluorobenzene	98	%	99	100	1.0	96	98	2.1	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 386264 (ug/kg), QC Sample No: BY19153 (BY16901 (25X) , BY16909 (25X))

Volatiles - Bulk

2-Isopropyltoluene	ND	5.0	102	90	12.5	89	90	1.1	70 - 130	30	
Naphthalene	ND	5.0	106	98	7.8	61	70	13.7	70 - 130	30	m
p-Isopropyltoluene	ND	1.0	98	87	11.9	58	65	11.4	70 - 130	30	m
Toluene	ND	1.0	103	90	13.5	89	90	1.1	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
May 15, 2017

Monday, May 15, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBY16899 - AZTECHNY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

May 15, 2017 SDG I.D.: GBY16899

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

SVOA Narration

CHEM06 05/09/17-1: BY16903, BY16904, BY16905, BY16906, BY16907, BY16908, BY16909
The following Initial Calibration compounds did not meet RSD% criteria: Benzidine 23% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM19 05/08/17-1: BY16901
The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.058 (0.1), Hexachlorobenzene 0.085 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.064 (0.1), Hexachlorobenzene 0.086 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM27 05/11/17-1: BY16899
The following Initial Calibration compounds did not meet RSD% criteria: Pentachlorophenol 26% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Hexachlorobenzene 0.090 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: Hexachlorobenzene 0.089 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM29 05/10/17-1: BY16902, BY16903
The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.061 (0.1), Hexachlorobenzene 0.083 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.053 (0.1), Hexachlorobenzene 0.077 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

VOA Narration

CHEM03 05/11/17-1: BY16901, BY16902, BY16903, BY16904, BY16905, BY16906, BY16907, BY16908, BY16909

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

May 15, 2017 SDG I.D.: GBY16899

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 31% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

Environmental Laboratories, Inc.
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NY Temperature Narration

May 15, 2017

SDG I.D.: GBY16899

The samples in this delivery group were received at 2.4°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 2.4° C Pg of

Contact Options:
☐ Fax:
☐ Phone:
☒ Email: Tgiamichael@aztechenv.com

Customer: Bill To: Hansen-Vanvleet, LLC.
Address: 902 Rt 146
Clifton Park, NY 12065

Project: Tim Bayly Property
Report to: TGIAMICHAEL@AZTECHENV.COM
Invoice to: K. VanVleet

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5/5/17

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCLP VOCs 8260	TCLP SVOCs 8270	TCLP Metals 6010	TCLP Pest/Herb 8081/8151	Total PCBs 8082	Flashpoint, corosivity, reactivity, paint filter	VOCS Full list 8260	Svocs Ful list 8270	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (4) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
16899	Disposal #1	soil	5/5/2017	9:50	X	X	X	X	X	X						1	3					
16900	WF-1-1	wood	5/5/2017	10:40					X								1					
16901	WF-4	wood	5/5/2017	10:50							X	X				1	1					
16902	WF-5	wood	5/5/2017	11:00							X	X				1	1					
16903	WF-6	wood	5/5/2017	11:10							X	X				1	1					
16904	WF-7	wood	5/5/2017	11:20							X	X				1	1					
16905	WF-8	wood	5/5/2017	11:30							X	X				1	1					
16906	WF-9	wood	5/5/2017	11:40							X	X				1	1					
16907	WF-10	wood	5/5/2017	11:50							X	X				1	1					
16908	Joist Comp #1	wood	5/5/2017	13:30							X	X				1	1					
16909	Joist Comp #2	wood	5/5/2017	14:00							X	X				1	1					

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5/5/17	16:30
[signature]	[signature]	5/8/17	1135
[signature]	[signature]	5/8	3:00
[signature]	[signature]	5/18/17	16:43

Comments, Special Requirements or Regulations:

If VOC or SVOC samples exceed 20X rule please run TCLP analysis

Call Tom Giamichael to verify 518-337-7635
Also Copy reprts to
Kirby VanVleet - Kvanvleet@hansonvanvleet.com
Bill Toran - Btoran@aztechenv.com

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☒ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ NY 375 GWP
☐ NY375 Unrestricted Use Soil
☐ NY375 Residential Soil
☐ Restricted/Residential
☐ Commercial
☐ Industrial

State where samples were collected: NY

Data Format
☒ Phoenix Std Report
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

Invoice: 344918 Workorder 15-00 9062900 Manifest 017538762JJK

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CES QG
2. Page 1 of: 1
3. Emergency Response Phone: 518-537-7635
4. Manifest Tracking Number: 017538762 JJK

GENERATOR

5. Generator's Name and Mailing Address: TIM BAYLY DEVELOPMENT, LLC
360 WEST 34TH STREET
NEW YORK CITY, NY 10001
Generator's Phone: (917) 697-8647

Generator's Site Address (if different than mailing address)
800 BROADWAY
RENSSELAER, NY 12144

6. Transporter 1 Company Name: EQ NORTHEAST, INC.
U.S. EPA ID Number: MAD 084 814 136

7. Transporter 2 Company Name: EQ Industrial Services
U.S. EPA ID Number: MIK 435 627 42

8. Designated Facility Name and Site Address: MICHIGAN DISPOSAL WASTE TREATMEN
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 000 724 831

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, NA3077, Hazardous waste, solid, n.o.s., (Tetrachloroethene), 9, PGIII, (D039,F002), ERG #171	2	CF	400	P	F002 D039
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. E170028MDI / (S,E,T) WOOD FLOORING WITH CVOCs

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Thomas Gismichael on Behalf of T. Bayly Development
Signature:
Month 7 Day 12 Year 17

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JONATHAN D LAFT
Signature:
Month 7 Day 19 Year 17

Transporter 2 Printed/Typed Name: Tonya Stewart
Signature:
Month 07 Day 20 Year 17

DESIGNATED FACILITY

16. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H070			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name Signature Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

US ecology

EQ Northeast, Inc.
185 Industrial Road
Wrentham, MA 02093

Emergency
Response #:
Phone: (508) 384-6151
Fax: (508) 384-6026

Work Order: 9062900
Reference Code:
Arrival Time:
Date: 07/13/2017
Prepared By: Patrick Quinn

BILLING INFORMATION

Name: AZTECH TECHNOLOGIES
Acct. #: 15250-99
Phone: (518) 885-5383
Addr: 5 MOOREA HILL ROAD
BALLSTON SPA, NY 12020

Contact: JOE SABANOS
Title:
Phone: (518) 885-5383
Mobile: ( ) -
PO / Rel:

GENERATOR INFORMATION

Name: TIM BAYLY DEVELOPMENT, LL Contact:
EPA #: CESQG (ID: 167245) Title:
Phone: (917) 697-8647 Phone: ( ) -
Addr: 800 BROADWAY Mobile: ( ) -
RENSSELAER, NY 12144

TSDF INFORMATION

TSDF: MICHIGAN DISPOSAL WASTE TREATM
Addr: 49350 N I-94 SERVICE DRIVE
BELLEVILLE,MI 48111

EPA #: MID000724831
Phone: (800) 592-5489
Fax: (800) 592-5329

Manifest: 017539617.UK

TSDF: MICHIGAN DISPOSAL WASTE TREATMEN EPA #: MID000724831
Addr: 49350 N I-94 SERVICE DRIVE Phone: (800) 592-5489
BELLEVILLE,MI 48111 Fax: (800) 592-5329

HM DESCRIPTION	# OF CONT.	TYPE	QUANTITY	UNIT
X 1. NA3077, RQ, Hazardous waste, solid, n.o.s., (Tetrachloroethene), 9, PGIII, (D039,F002) Approval Code: E17D028MDI (572585) Waste Codes: F002 D039 Hand. Instruct:	2	CF	400	P

Supplies	Qty	Bill Unit	Qty Req	Description

Supplies	Qty	Bill Unit	Qty Req	Description

EQUIPMENT ACKNOWLEDGMENT

Customer acknowledges that this equipment is suitable for the transportation, storage or other service to be provided.

Tractor # 23 Trailer #____ Tanker #____ Roll-Off Box #____ w/ liner?____ Spotted #____ Picked_up #____ Vac Fee ____

Driver Signature — Date: 7-19-17 — NO ONE @ SITE — Customer Signature — Date

Pickup	Date	Time	Explanation
Arrive at Shipper:		630	
Start Loading:	7/19		
Finish Loading:			
Leave Site:		695	

SHIPMENT RECEIVED IN APPARENT GOOD ORDER (CONTENTS UNKNOWN) SUBJECT TO THE TERMS AND CONDITIONS OF THE UNIFORM STRAIGHT BILL OF LADING AND ANY CONTRACTS, CLASSIFICATIONS AND TARIFFS LAWFULLY ON FILE ON THE DATE OF SHIPMENT

THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION

Driver Signature — Date — Customer Signature — Date

Delivery	Date	Time	Explanation
Arrive at TSDF:			
Start Unloading:			
Finish Unloading:			
Leave Site:			

Driver Signature — Date — Receiver Signature — 7/20/17 Date

Please comment on the job so we can continue to provide better service: ☐ Excellent ☐ Satisfactory ☐ Poor

Basement Soil Analytical Data

PHOENIX
Environmental Laboratories, Inc.

Friday, June 09, 2017

Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Project ID: TIM BAYLY PROPERTY
Sample ID#s: BY35328 - BY35332

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

June 09, 2017

SDG I.D.: GBY35328

BY35328 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BY35329 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BY35330 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BY35331 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BY35332 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2017

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/06/17	10:00
Location Code:	HANSONV	Received by:	LB	06/07/17	17:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY35328
Phoenix ID: BY35328

Project ID: TIM BAYLY PROPERTY
Client ID: BF-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	83		%		06/07/17	Q	SW846-%Solid
Soil Extraction for SVOA	Completed				06/07/17	JJ/CKV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,1-Dichloroethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,1-Dichloroethene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,1-Dichloropropene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,3-Trichloropropane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dibromoethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dichloroethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dichloropropane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,3-Dichloropropane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
2,2-Dichloropropane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
2-Chlorotoluene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C
2-Hexanone	ND	30	ug/Kg	1	06/08/17	JLI	SW8260C
2-Isopropyltoluene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C 1

Project ID: TIM BAYLY PROPERTY
Client ID: BF-1

Phoenix I.D.: BY35328

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
4-Methyl-2-pentanone	ND	30	ug/Kg	1	06/08/17	JLI	SW8260C	
Acetone	ND	30	ug/Kg	1	06/08/17	JLI	SW8260C	
Acrylonitrile	ND	12	ug/Kg	1	06/08/17	JLI	SW8260C	
Benzene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromobenzene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromochloromethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromodichloromethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromoform	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromomethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Carbon Disulfide	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Carbon tetrachloride	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Chlorobenzene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloroethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloroform	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloromethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Dibromochloromethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Dibromomethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Dichlorodifluoromethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Ethylbenzene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Hexachlorobutadiene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Isopropylbenzene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
m&p-Xylene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND	30	ug/Kg	1	06/08/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	06/08/17	JLI	SW8260C	
Methylene chloride	ND	12	ug/Kg	1	06/08/17	JLI	SW8260C	
Naphthalene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
n-Butylbenzene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
n-Propylbenzene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
o-Xylene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
p-Isopropyltoluene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
sec-Butylbenzene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Styrene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
tert-Butylbenzene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Tetrachloroethene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	06/08/17	JLI	SW8260C	1
Toluene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Total Xylenes	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichloroethene	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichlorofluoromethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
Vinyl chloride	ND	6.0	ug/Kg	1	06/08/17	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102		%	1	06/08/17	JLI	70 - 130 %	

Ver 1

Project ID: TIM BAYLY PROPERTY
Client ID: BF-1

Phoenix I.D.: BY35328

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	91		%	1	06/08/17	JLI	70 - 130 %	
% Dibromofluoromethane	105		%	1	06/08/17	JLI	70 - 130 %	
% Toluene-d8	99		%	1	06/08/17	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
1,2-Dichlorobenzene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
1,2-Diphenylhydrazine	ND	390	ug/Kg	1	06/08/17	DD	SW8270D	
1,3-Dichlorobenzene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
1,4-Dichlorobenzene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dichlorophenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dimethylphenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dinitrophenol	ND	390	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2-Chloronaphthalene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2-Chlorophenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2-Methylnaphthalene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2-Nitroaniline	ND	390	ug/Kg	1	06/08/17	DD	SW8270D	
2-Nitrophenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	1	06/08/17	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
3-Nitroaniline	ND	390	ug/Kg	1	06/08/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	390	ug/Kg	1	06/08/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	390	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chloroaniline	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
4-Nitroaniline	ND	630	ug/Kg	1	06/08/17	DD	SW8270D	
4-Nitrophenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Acenaphthene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Acenaphthylene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Acetophenone	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Aniline	ND	390	ug/Kg	1	06/08/17	DD	SW8270D	
Anthracene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Benz(a)anthracene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Benzidine	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(a)pyrene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(ghi)perylene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Benzoic acid	ND	790	ug/Kg	1	06/08/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	390	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: BF-1

Phoenix I.D.: BY35328

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Bis(2-ethylhexyl)phthalate	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Carbazole	ND	390	ug/Kg	1	06/08/17	DD	SW8270D
Chrysene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Dibenzofuran	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Diethyl phthalate	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Dimethylphthalate	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Di-n-butylphthalate	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Di-n-octylphthalate	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Fluoranthene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Fluorene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Hexachlorobenzene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Hexachlorobutadiene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Hexachloroethane	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Isophorone	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Naphthalene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Nitrobenzene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodimethylamine	ND	390	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	390	ug/Kg	1	06/08/17	DD	SW8270D
Pentachloronitrobenzene	ND	390	ug/Kg	1	06/08/17	DD	SW8270D
Pentachlorophenol	ND	390	ug/Kg	1	06/08/17	DD	SW8270D
Phenanthrene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Phenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Pyrene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Pyridine	ND	390	ug/Kg	1	06/08/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	78		%	1	06/08/17	DD	30 - 130 %
% 2-Fluorobiphenyl	68		%	1	06/08/17	DD	30 - 130 %
% 2-Fluorophenol	51		%	1	06/08/17	DD	30 - 130 %
% Nitrobenzene-d5	54		%	1	06/08/17	DD	30 - 130 %
% Phenol-d5	47		%	1	06/08/17	DD	30 - 130 %
% Terphenyl-d14	82		%	1	06/08/17	DD	30 - 130 %

Project ID: TIM BAYLY PROPERTY
Client ID: BF-1

Phoenix I.D.: BY35328

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
June 09, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2017

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/06/17	10:10
Location Code:	HANSONV	Received by:	LB	06/07/17	17:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY35328
Phoenix ID: BY35329

Project ID: TIM BAYLY PROPERTY
Client ID: BF-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	93		%		06/07/17	Q	SW846-%Solid
Soil Extraction for SVOA	Completed				06/07/17	JJ/CKV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,1-Dichloroethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,1-Dichloroethene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,1-Dichloropropene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dibromoethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dichloroethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dichloropropane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,3-Dichloropropane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
2,2-Dichloropropane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
2-Chlorotoluene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
2-Hexanone	ND	27	ug/Kg	1	06/08/17	JLI	SW8260C
2-Isopropyltoluene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C 1

Project ID: TIM BAYLY PROPERTY
Client ID: BF-2

Phoenix I.D.: BY35329

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
4-Methyl-2-pentanone	ND	27	ug/Kg	1	06/08/17	JLI	SW8260C	
Acetone	ND	27	ug/Kg	1	06/08/17	JLI	SW8260C	
Acrylonitrile	ND	11	ug/Kg	1	06/08/17	JLI	SW8260C	
Benzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromobenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromochloromethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromodichloromethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromoform	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromomethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Carbon Disulfide	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Carbon tetrachloride	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Chlorobenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloroethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloroform	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloromethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Dibromochloromethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Dibromomethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Ethylbenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Hexachlorobutadiene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Isopropylbenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
m&p-Xylene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND	27	ug/Kg	1	06/08/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	06/08/17	JLI	SW8260C	
Methylene chloride	ND	11	ug/Kg	1	06/08/17	JLI	SW8260C	
Naphthalene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
n-Butylbenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
n-Propylbenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
o-Xylene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
p-Isopropyltoluene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
sec-Butylbenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Styrene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
tert-Butylbenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Tetrachloroethene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	06/08/17	JLI	SW8260C	1
Toluene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Total Xylenes	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichloroethene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichlorofluoromethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Vinyl chloride	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103		%	1	06/08/17	JLI	70 - 130 %	

Ver 1

Project ID: TIM BAYLY PROPERTY
Client ID: BF-2

Phoenix I.D.: BY35329

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	87		%	1	06/08/17	JLI	70 - 130 %	
% Dibromofluoromethane	105		%	1	06/08/17	JLI	70 - 130 %	
% Toluene-d8	99		%	1	06/08/17	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
1,2-Dichlorobenzene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
1,2-Diphenylhydrazine	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
1,3-Dichlorobenzene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
1,4-Dichlorobenzene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dichlorophenol	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dimethylphenol	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dinitrophenol	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
2-Chloronaphthalene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
2-Chlorophenol	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
2-Methylnaphthalene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
2-Nitroaniline	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
2-Nitrophenol	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
3-Nitroaniline	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chloroaniline	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
4-Nitroaniline	ND	560	ug/Kg	1	06/08/17	DD	SW8270D	
4-Nitrophenol	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
Acenaphthene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
Acenaphthylene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
Acetophenone	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
Aniline	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
Anthracene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
Benz(a)anthracene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
Benzidine	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(a)pyrene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(ghi)perylene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
Benzoic acid	ND	700	ug/Kg	1	06/08/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	1	06/08/17	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: BF-2

Phoenix I.D.: BY35329

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Carbazole	ND	350	ug/Kg	1	06/08/17	DD	SW8270D
Chrysene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Dibenzofuran	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Diethyl phthalate	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Dimethylphthalate	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Di-n-butylphthalate	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Di-n-octylphthalate	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Fluoranthene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Fluorene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Hexachlorobenzene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Hexachlorobutadiene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Hexachloroethane	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Isophorone	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Naphthalene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Nitrobenzene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodimethylamine	ND	350	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	350	ug/Kg	1	06/08/17	DD	SW8270D
Pentachloronitrobenzene	ND	350	ug/Kg	1	06/08/17	DD	SW8270D
Pentachlorophenol	ND	350	ug/Kg	1	06/08/17	DD	SW8270D
Phenanthrene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Phenol	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Pyrene	ND	240	ug/Kg	1	06/08/17	DD	SW8270D
Pyridine	ND	350	ug/Kg	1	06/08/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	79		%	1	06/08/17	DD	30 - 130 %
% 2-Fluorobiphenyl	69		%	1	06/08/17	DD	30 - 130 %
% 2-Fluorophenol	56		%	1	06/08/17	DD	30 - 130 %
% Nitrobenzene-d5	58		%	1	06/08/17	DD	30 - 130 %
% Phenol-d5	54		%	1	06/08/17	DD	30 - 130 %
% Terphenyl-d14	78		%	1	06/08/17	DD	30 - 130 %

Project ID: TIM BAYLY PROPERTY
Client ID: BF-2

Phoenix I.D.: BY35329

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
June 09, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2017

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/06/17	10:20
Location Code:	HANSONV	Received by:	LB	06/07/17	17:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY35328
Phoenix ID: BY35330

Project ID: TIM BAYLY PROPERTY
Client ID: BF-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	81		%		06/07/17	Q	SW846-%Solid
Soil Extraction for SVOA	Completed				06/07/17	JJ/CKV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,1-Dichloroethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,1-Dichloroethene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,1-Dichloropropene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,3-Trichloropropane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dibromoethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dichloroethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dichloropropane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,3-Dichloropropane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
2,2-Dichloropropane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
2-Chlorotoluene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C
2-Hexanone	ND	31	ug/Kg	1	06/08/17	JLI	SW8260C
2-Isopropyltoluene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C

1

Project ID: TIM BAYLY PROPERTY
Client ID: BF-3

Phoenix I.D.: BY35330

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
4-Methyl-2-pentanone	ND	31	ug/Kg	1	06/08/17	JLI	SW8260C	
Acetone	ND	31	ug/Kg	1	06/08/17	JLI	SW8260C	
Acrylonitrile	ND	12	ug/Kg	1	06/08/17	JLI	SW8260C	
Benzene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromobenzene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromochloromethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromodichloromethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromoform	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromomethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Carbon Disulfide	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Carbon tetrachloride	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Chlorobenzene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloroethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloroform	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloromethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Dibromochloromethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Dibromomethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Dichlorodifluoromethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Ethylbenzene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Hexachlorobutadiene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Isopropylbenzene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
m&p-Xylene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND	31	ug/Kg	1	06/08/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	06/08/17	JLI	SW8260C	
Methylene chloride	ND	12	ug/Kg	1	06/08/17	JLI	SW8260C	
Naphthalene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
n-Butylbenzene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
n-Propylbenzene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
o-Xylene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
p-Isopropyltoluene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
sec-Butylbenzene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Styrene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
tert-Butylbenzene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Tetrachloroethene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	06/08/17	JLI	SW8260C	1
Toluene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Total Xylenes	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichloroethene	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichlorofluoromethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
Vinyl chloride	ND	6.2	ug/Kg	1	06/08/17	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102		%	1	06/08/17	JLI	70 - 130 %	

Ver 1

Project ID: TIM BAYLY PROPERTY
Client ID: BF-3

Phoenix I.D.: BY35330

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	89		%	1	06/08/17	JLI	70 - 130 %	
% Dibromofluoromethane	106		%	1	06/08/17	JLI	70 - 130 %	
% Toluene-d8	98		%	1	06/08/17	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
1,2-Dichlorobenzene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
1,2-Diphenylhydrazine	ND	400	ug/Kg	1	06/08/17	DD	SW8270D	
1,3-Dichlorobenzene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
1,4-Dichlorobenzene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dichlorophenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dimethylphenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dinitrophenol	ND	400	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2-Chloronaphthalene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2-Chlorophenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2-Methylnaphthalene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
2-Nitroaniline	ND	400	ug/Kg	1	06/08/17	DD	SW8270D	
2-Nitrophenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	400	ug/Kg	1	06/08/17	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
3-Nitroaniline	ND	400	ug/Kg	1	06/08/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	400	ug/Kg	1	06/08/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	400	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chloroaniline	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
4-Nitroaniline	ND	650	ug/Kg	1	06/08/17	DD	SW8270D	
4-Nitrophenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Acenaphthene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Acenaphthylene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Acetophenone	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Aniline	ND	400	ug/Kg	1	06/08/17	DD	SW8270D	
Anthracene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Benz(a)anthracene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Benzidine	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(a)pyrene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(ghi)perylene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Benzoic acid	ND	810	ug/Kg	1	06/08/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	400	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	280	ug/Kg	1	06/08/17	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: BF-3

Phoenix I.D.: BY35330

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Bis(2-ethylhexyl)phthalate	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Carbazole	ND	400	ug/Kg	1	06/08/17	DD	SW8270D
Chrysene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Dibenzofuran	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Diethyl phthalate	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Dimethylphthalate	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Di-n-butylphthalate	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Di-n-octylphthalate	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Fluoranthene	350	280	ug/Kg	1	06/08/17	DD	SW8270D
Fluorene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Hexachlorobenzene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Hexachlorobutadiene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Hexachloroethane	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Isophorone	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Naphthalene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Nitrobenzene	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodimethylamine	ND	400	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	400	ug/Kg	1	06/08/17	DD	SW8270D
Pentachloronitrobenzene	ND	400	ug/Kg	1	06/08/17	DD	SW8270D
Pentachlorophenol	ND	400	ug/Kg	1	06/08/17	DD	SW8270D
Phenanthrene	350	280	ug/Kg	1	06/08/17	DD	SW8270D
Phenol	ND	280	ug/Kg	1	06/08/17	DD	SW8270D
Pyrene	310	280	ug/Kg	1	06/08/17	DD	SW8270D
Pyridine	ND	400	ug/Kg	1	06/08/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	63		%	1	06/08/17	DD	30 - 130 %
% 2-Fluorobiphenyl	53		%	1	06/08/17	DD	30 - 130 %
% 2-Fluorophenol	55		%	1	06/08/17	DD	30 - 130 %
% Nitrobenzene-d5	57		%	1	06/08/17	DD	30 - 130 %
% Phenol-d5	56		%	1	06/08/17	DD	30 - 130 %
% Terphenyl-d14	79		%	1	06/08/17	DD	30 - 130 %

Project ID: TIM BAYLY PROPERTY
Client ID: BF-3

Phoenix I.D.: BY35330

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

June 09, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2017

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/06/17	10:30
Location Code:	HANSONV	Received by:	LB	06/07/17	17:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY35328
Phoenix ID: BY35331

Project ID: TIM BAYLY PROPERTY
Client ID: BF-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	93		%		06/07/17	Q	SW846-%Solid
Soil Extraction for SVOA	Completed				06/07/17	JJ/CKV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,1-Dichloroethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,1-Dichloroethene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,1-Dichloropropene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dibromoethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dichloroethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dichloropropane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,3-Dichloropropane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
2,2-Dichloropropane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
2-Chlorotoluene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C
2-Hexanone	ND	27	ug/Kg	1	06/08/17	JLI	SW8260C
2-Isopropyltoluene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C 1

Ver 1

Project ID: TIM BAYLY PROPERTY
Client ID: BF-4

Phoenix I.D.: BY35331

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
4-Methyl-2-pentanone	ND	27	ug/Kg	1	06/08/17	JLI	SW8260C	
Acetone	ND	27	ug/Kg	1	06/08/17	JLI	SW8260C	
Acrylonitrile	ND	11	ug/Kg	1	06/08/17	JLI	SW8260C	
Benzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromobenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromochloromethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromodichloromethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromoform	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromomethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Carbon Disulfide	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Carbon tetrachloride	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Chlorobenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloroethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloroform	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloromethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Dibromochloromethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Dibromomethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Ethylbenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Hexachlorobutadiene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Isopropylbenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
m&p-Xylene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND	27	ug/Kg	1	06/08/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	06/08/17	JLI	SW8260C	
Methylene chloride	ND	11	ug/Kg	1	06/08/17	JLI	SW8260C	
Naphthalene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
n-Butylbenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
n-Propylbenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
o-Xylene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
p-Isopropyltoluene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
sec-Butylbenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Styrene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
tert-Butylbenzene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Tetrachloroethene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	06/08/17	JLI	SW8260C	1
Toluene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Total Xylenes	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichloroethene	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichlorofluoromethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
Vinyl chloride	ND	5.4	ug/Kg	1	06/08/17	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	06/08/17	JLI	70 - 130 %	

Project ID: TIM BAYLY PROPERTY
Client ID: BF-4

Phoenix I.D.: BY35331

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	85		%	1	06/08/17	JLI	70 - 130 %	
% Dibromofluoromethane	110		%	1	06/08/17	JLI	70 - 130 %	
% Toluene-d8	97		%	1	06/08/17	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
1,2-Dichlorobenzene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
1,2-Diphenylhydrazine	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
1,3-Dichlorobenzene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
1,4-Dichlorobenzene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dichlorophenol	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dimethylphenol	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dinitrophenol	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2-Chloronaphthalene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2-Chlorophenol	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2-Methylnaphthalene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
2-Nitroaniline	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
2-Nitrophenol	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
3-Nitroaniline	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chloroaniline	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
4-Nitroaniline	ND	560	ug/Kg	1	06/08/17	DD	SW8270D	
4-Nitrophenol	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Acenaphthene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Acenaphthylene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Acetophenone	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Aniline	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
Anthracene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Benz(a)anthracene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Benzidine	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(a)pyrene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(ghi)perylene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Benzoic acid	ND	700	ug/Kg	1	06/08/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	350	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	1	06/08/17	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: BF-4

Phoenix I.D.: BY35331

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Carbazole	ND	350	ug/Kg	1	06/08/17	DD	SW8270D
Chrysene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Dibenzofuran	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Diethyl phthalate	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Dimethylphthalate	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Di-n-butylphthalate	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Di-n-octylphthalate	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Fluoranthene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Fluorene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Hexachlorobenzene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Hexachlorobutadiene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Hexachloroethane	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Isophorone	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Naphthalene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Nitrobenzene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodimethylamine	ND	350	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	350	ug/Kg	1	06/08/17	DD	SW8270D
Pentachloronitrobenzene	ND	350	ug/Kg	1	06/08/17	DD	SW8270D
Pentachlorophenol	ND	350	ug/Kg	1	06/08/17	DD	SW8270D
Phenanthrene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Phenol	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Pyrene	ND	250	ug/Kg	1	06/08/17	DD	SW8270D
Pyridine	ND	350	ug/Kg	1	06/08/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	63		%	1	06/08/17	DD	30 - 130 %
% 2-Fluorobiphenyl	65		%	1	06/08/17	DD	30 - 130 %
% 2-Fluorophenol	58		%	1	06/08/17	DD	30 - 130 %
% Nitrobenzene-d5	62		%	1	06/08/17	DD	30 - 130 %
% Phenol-d5	63		%	1	06/08/17	DD	30 - 130 %
% Terphenyl-d14	64		%	1	06/08/17	DD	30 - 130 %

Project ID: TIM BAYLY PROPERTY
Client ID: BF-4

Phoenix I.D.: BY35331

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
June 09, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2017

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/06/17	10:40
Location Code:	HANSONV	Received by:	LB	06/07/17	17:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY35328
Phoenix ID: BY35332

Project ID: TIM BAYLY PROPERTY
Client ID: BF-5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	88		%		06/07/17	Q	SW846-%Solid
Soil Extraction for SVOA	Completed				06/07/17	JJ/CKV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,1-Dichloroethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,1-Dichloroethene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,1-Dichloropropene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dibromoethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dichloroethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,2-Dichloropropane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,3-Dichloropropane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
2,2-Dichloropropane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
2-Chlorotoluene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C
2-Hexanone	ND	28	ug/Kg	1	06/08/17	JLI	SW8260C
2-Isopropyltoluene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C 1

Project ID: TIM BAYLY PROPERTY
Client ID: BF-5

Phoenix I.D.: BY35332

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
4-Methyl-2-pentanone	ND	28	ug/Kg	1	06/08/17	JLI	SW8260C	
Acetone	ND	28	ug/Kg	1	06/08/17	JLI	SW8260C	
Acrylonitrile	ND	11	ug/Kg	1	06/08/17	JLI	SW8260C	
Benzene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromobenzene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromochloromethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromodichloromethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromoform	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Bromomethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Carbon Disulfide	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Carbon tetrachloride	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Chlorobenzene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloroethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloroform	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Chloromethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Dibromochloromethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Dibromomethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Ethylbenzene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Hexachlorobutadiene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Isopropylbenzene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
m&p-Xylene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND	28	ug/Kg	1	06/08/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	06/08/17	JLI	SW8260C	
Methylene chloride	ND	11	ug/Kg	1	06/08/17	JLI	SW8260C	
Naphthalene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
n-Butylbenzene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
n-Propylbenzene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
o-Xylene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
p-Isopropyltoluene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
sec-Butylbenzene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Styrene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
tert-Butylbenzene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Tetrachloroethene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	06/08/17	JLI	SW8260C	1
Toluene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Total Xylenes	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichloroethene	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichlorofluoromethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
Vinyl chloride	ND	5.6	ug/Kg	1	06/08/17	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102		%	1	06/08/17	JLI	70 - 130 %	

Ver 1

Project ID: TIM BAYLY PROPERTY
Client ID: BF-5

Phoenix I.D.: BY35332

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	91		%	1	06/08/17	JLI	70 - 130 %	
% Dibromofluoromethane	106		%	1	06/08/17	JLI	70 - 130 %	
% Toluene-d8	99		%	1	06/08/17	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
1,2,4-Trichlorobenzene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
1,2-Dichlorobenzene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
1,2-Diphenylhydrazine	ND	370	ug/Kg	1	06/08/17	DD	SW8270D	
1,3-Dichlorobenzene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
1,4-Dichlorobenzene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dichlorophenol	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dimethylphenol	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dinitrophenol	ND	370	ug/Kg	1	06/08/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
2,6-Dinitrotoluene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
2-Chloronaphthalene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
2-Chlorophenol	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
2-Methylnaphthalene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
2-Nitroaniline	ND	370	ug/Kg	1	06/08/17	DD	SW8270D	
2-Nitrophenol	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	1	06/08/17	DD	SW8270D	
3,3'-Dichlorobenzidine	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
3-Nitroaniline	ND	370	ug/Kg	1	06/08/17	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	370	ug/Kg	1	06/08/17	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	370	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chloro-3-methylphenol	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chloroaniline	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
4-Nitroaniline	ND	600	ug/Kg	1	06/08/17	DD	SW8270D	
4-Nitrophenol	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
Acenaphthene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
Acenaphthylene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
Acetophenone	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
Aniline	ND	370	ug/Kg	1	06/08/17	DD	SW8270D	
Anthracene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
Benz(a)anthracene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
Benzidine	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(a)pyrene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(ghi)perylene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
Benzoic acid	ND	750	ug/Kg	1	06/08/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	370	ug/Kg	1	06/08/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	1	06/08/17	DD	SW8270D	

Project ID: TIM BAYLY PROPERTY
Client ID: BF-5

Phoenix I.D.: BY35332

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Carbazole	ND	370	ug/Kg	1	06/08/17	DD	SW8270D
Chrysene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Dibenzofuran	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Diethyl phthalate	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Dimethylphthalate	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Di-n-butylphthalate	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Di-n-octylphthalate	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Fluoranthene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Fluorene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Hexachlorobenzene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Hexachlorobutadiene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Hexachloroethane	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Isophorone	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Naphthalene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Nitrobenzene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodimethylamine	ND	370	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	370	ug/Kg	1	06/08/17	DD	SW8270D
Pentachloronitrobenzene	ND	370	ug/Kg	1	06/08/17	DD	SW8270D
Pentachlorophenol	ND	370	ug/Kg	1	06/08/17	DD	SW8270D
Phenanthrene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Phenol	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Pyrene	ND	260	ug/Kg	1	06/08/17	DD	SW8270D
Pyridine	ND	370	ug/Kg	1	06/08/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	58		%	1	06/08/17	DD	30 - 130 %
% 2-Fluorobiphenyl	77		%	1	06/08/17	DD	30 - 130 %
% 2-Fluorophenol	56		%	1	06/08/17	DD	30 - 130 %
% Nitrobenzene-d5	58		%	1	06/08/17	DD	30 - 130 %
% Phenol-d5	59		%	1	06/08/17	DD	30 - 130 %
% Terphenyl-d14	79		%	1	06/08/17	DD	30 - 130 %

Project ID: TIM BAYLY PROPERTY
Client ID: BF-5

Phoenix I.D.: BY35332

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
June 09, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 09, 2017

QA/QC Data

SDG I.D.: GBY35328

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 389207 (ug/kg), QC Sample No: BY34292 (BY35328, BY35329, BY35330, BY35331, BY35332)											
Volatiles - Soil											
1,1,1,2-Tetrachloroethane	ND	5.0	105	111	5.6	106	102	3.8	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	100	102	2.0	99	99	0.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	111	112	0.9	105	115	9.1	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	101	101	0.0	95	90	5.4	70 - 130	30	
1,1-Dichloroethane	ND	5.0	99	102	3.0	100	101	1.0	70 - 130	30	
1,1-Dichloroethene	ND	5.0	105	107	1.9	107	106	0.9	70 - 130	30	
1,1-Dichloropropene	ND	5.0	103	108	4.7	106	103	2.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	101	107	5.8	107	56	62.6	70 - 130	30	m,r
1,2,3-Trichloropropane	ND	5.0	109	107	1.9	102	118	14.5	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	98	109	10.6	111	67	49.4	70 - 130	30	m,r
1,2,4-Trimethylbenzene	ND	1.0	106	113	6.4	110	NC	NC	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	110	113	2.7	104	103	1.0	70 - 130	30	
1,2-Dibromoethane	ND	5.0	106	108	1.9	101	98	3.0	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	105	110	4.7	107	91	16.2	70 - 130	30	
1,2-Dichloroethane	ND	5.0	98	101	3.0	98	94	4.2	70 - 130	30	
1,2-Dichloropropane	ND	5.0	101	104	2.9	102	99	3.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	109	114	4.5	112	104	7.4	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	105	112	6.5	108	103	4.7	70 - 130	30	
1,3-Dichloropropane	ND	5.0	103	105	1.9	101	100	1.0	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	102	108	5.7	107	99	7.8	70 - 130	30	
2,2-Dichloropropane	ND	5.0	103	110	6.6	102	103	1.0	70 - 130	30	
2-Chlorotoluene	ND	5.0	110	116	5.3	112	124	10.2	70 - 130	30	
2-Hexanone	ND	25	105	104	1.0	93	46	67.6	70 - 130	30	m,r
2-Isopropyltoluene	ND	5.0	113	118	4.3	116	121	4.2	70 - 130	30	
4-Chlorotoluene	ND	5.0	107	113	5.5	110	116	5.3	70 - 130	30	
4-Methyl-2-pentanone	ND	25	106	104	1.9	96	73	27.2	70 - 130	30	
Acetone	ND	10	79	76	3.9	82	65	23.1	70 - 130	30	m
Acrylonitrile	ND	5.0	105	105	0.0	99	66	40.0	70 - 130	30	m,r
Benzene	ND	1.0	100	103	3.0	102	99	3.0	70 - 130	30	
Bromobenzene	ND	5.0	109	112	2.7	109	116	6.2	70 - 130	30	
Bromochloromethane	ND	5.0	103	105	1.9	101	98	3.0	70 - 130	30	
Bromodichloromethane	ND	5.0	99	101	2.0	97	93	4.2	70 - 130	30	
Bromoform	ND	5.0	107	110	2.8	99	86	14.1	70 - 130	30	
Bromomethane	ND	5.0	95	97	2.1	66	67	1.5	70 - 130	30	m
Carbon Disulfide	ND	5.0	107	110	2.8	108	103	4.7	70 - 130	30	
Carbon tetrachloride	ND	5.0	100	102	2.0	96	98	2.1	70 - 130	30	
Chlorobenzene	ND	5.0	102	107	4.8	104	98	5.9	70 - 130	30	
Chloroethane	ND	5.0	97	98	1.0	28	97	110.4	70 - 130	30	m,r
Chloroform	ND	5.0	97	98	1.0	96	96	0.0	70 - 130	30	
Chloromethane	ND	5.0	87	89	2.3	86	82	4.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	101	102	1.0	100	99	1.0	70 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,3-Dichloropropene	ND	5.0	105	108	2.8	100	86	15.1	70 - 130	30	
Dibromochloromethane	ND	3.0	109	110	0.9	103	101	2.0	70 - 130	30	
Dibromomethane	ND	5.0	100	102	2.0	95	94	1.1	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	99	99	0.0	94	96	2.1	70 - 130	30	
Ethylbenzene	ND	1.0	105	108	2.8	107	102	4.8	70 - 130	30	
Hexachlorobutadiene	ND	5.0	104	107	2.8	109	70	43.6	70 - 130	30	r
Isopropylbenzene	ND	1.0	116	120	3.4	115	133	14.5	70 - 130	30	m
m&p-Xylene	ND	2.0	105	109	3.7	108	93	14.9	70 - 130	30	
Methyl ethyl ketone	ND	5.0	97	95	2.1	88	66	28.6	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	126	126	0.0	125	127	1.6	70 - 130	30	
Methylene chloride	ND	5.0	91	93	2.2	93	91	2.2	70 - 130	30	
Naphthalene	ND	5.0	108	114	5.4	114	20	140.3	70 - 130	30	m,r
n-Butylbenzene	ND	1.0	106	112	5.5	113	100	12.2	70 - 130	30	
n-Propylbenzene	ND	1.0	110	115	4.4	113	117	3.5	70 - 130	30	
o-Xylene	ND	2.0	110	113	2.7	111	100	10.4	70 - 130	30	
p-Isopropyltoluene	ND	1.0	111	117	5.3	115	130	12.2	70 - 130	30	
sec-Butylbenzene	ND	1.0	115	119	3.4	117	111	5.3	70 - 130	30	
Styrene	ND	5.0	106	110	3.7	109	86	23.6	70 - 130	30	
tert-Butylbenzene	ND	1.0	113	117	3.5	113	126	10.9	70 - 130	30	
Tetrachloroethene	ND	5.0	101	106	4.8	101	97	4.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	102	98	4.0	90	93	3.3	70 - 130	30	
Toluene	ND	1.0	99	102	3.0	99	95	4.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	101	104	2.9	104	102	1.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	103	105	1.9	96	84	13.3	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	122	121	0.8	106	89	17.4	70 - 130	30	
Trichloroethene	ND	5.0	102	106	3.8	101	100	1.0	70 - 130	30	
Trichlorofluoromethane	ND	5.0	86	87	1.2	30	86	96.6	70 - 130	30	m,r
Trichlorotrifluoroethane	ND	5.0	108	110	1.8	112	109	2.7	70 - 130	30	
Vinyl chloride	ND	5.0	95	95	0.0	92	95	3.2	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	%	100	99	1.0	101	96	5.1	70 - 130	30	
% Bromofluorobenzene	90	%	95	94	1.1	94	88	6.6	70 - 130	30	
% Dibromofluoromethane	103	%	98	99	1.0	96	97	1.0	70 - 130	30	
% Toluene-d8	99	%	98	97	1.0	96	96	0.0	70 - 130	30	

Comment:

The MSD is not reported for this batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 389085 (ug/Kg), QC Sample No: BY34542 (BY35328, BY35329, BY35330, BY35331, BY35332)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	69	70	1.4	60			30 - 130	30	
1,2,4-Trichlorobenzene	ND	230	64	60	6.5	59			30 - 130	30	
1,2-Dichlorobenzene	ND	180	58	54	7.1	50			30 - 130	30	
1,2-Diphenylhydrazine	ND	230	66	70	5.9	63			30 - 130	30	
1,3-Dichlorobenzene	ND	230	55	51	7.5	49			30 - 130	30	
1,4-Dichlorobenzene	ND	230	57	51	11.1	49			30 - 130	30	
2,4,5-Trichlorophenol	ND	230	70	68	2.9	65			30 - 130	30	
2,4,6-Trichlorophenol	ND	130	70	68	2.9	61			30 - 130	30	
2,4-Dichlorophenol	ND	130	72	72	0.0	63			30 - 130	30	
2,4-Dimethylphenol	ND	230	65	63	3.1	54			30 - 130	30	
2,4-Dinitrophenol	ND	230	14	<10	NC	20			30 - 130	30	l,m
2,4-Dinitrotoluene	ND	130	74	80	7.8	68			30 - 130	30	
2,6-Dinitrotoluene	ND	130	71	75	5.5	64			30 - 130	30	
2-Chloronaphthalene	ND	230	65	62	4.7	59			30 - 130	30	

QA/QC Data

SDG I.D.: GBY35328

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2-Chlorophenol	ND	230	66	61	7.9	51			30 - 130	30	
2-Methylnaphthalene	ND	230	63	64	1.6	56			30 - 130	30	
2-Methylphenol (o-cresol)	ND	230	70	64	9.0	52			30 - 130	30	
2-Nitroaniline	ND	330	60	63	4.9	58			30 - 130	30	
2-Nitrophenol	ND	230	60	59	1.7	57			30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230	71	67	5.8	49			30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	63	62	1.6	56			30 - 130	30	
3-Nitroaniline	ND	330	66	69	4.4	61			30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	32	25	24.6	37			30 - 130	30	l
4-Bromophenyl phenyl ether	ND	230	70	67	4.4	62			30 - 130	30	
4-Chloro-3-methylphenol	ND	230	72	78	8.0	63			30 - 130	30	
4-Chloroaniline	ND	230	62	65	4.7	53			30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	69	72	4.3	65			30 - 130	30	
4-Nitroaniline	ND	230	66	68	3.0	60			30 - 130	30	
4-Nitrophenol	ND	230	64	68	6.1	56			30 - 130	30	
Acenaphthene	ND	230	68	68	0.0	61			30 - 130	30	
Acenaphthylene	ND	130	68	66	3.0	60			30 - 130	30	
Acetophenone	ND	230	61	58	5.0	45			30 - 130	30	
Aniline	ND	330	57	56	1.8	45			30 - 130	30	
Anthracene	ND	230	73	71	2.8	66			30 - 130	30	
Benz(a)anthracene	ND	230	69	69	0.0	64			30 - 130	30	
Benzidine	ND	330	21	23	9.1	11			30 - 130	30	l,m
Benzo(a)pyrene	ND	130	69	69	0.0	61			30 - 130	30	
Benzo(b)fluoranthene	ND	160	75	72	4.1	69			30 - 130	30	
Benzo(ghi)perylene	ND	230	63	63	0.0	59			30 - 130	30	
Benzo(k)fluoranthene	ND	230	71	74	4.1	63			30 - 130	30	
Benzoic Acid	ND	330	<10	<10	NC	<10			30 - 130	30	l,m
Benzyl butyl phthalate	ND	230	71	73	2.8	76			30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	66	65	1.5	59			30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	49	43	13.0	41			30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	49	44	10.8	38			30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	72	75	4.1	69			30 - 130	30	
Carbazole	ND	230	73	74	1.4	67			30 - 130	30	
Chrysene	ND	230	72	73	1.4	66			30 - 130	30	
Dibenz(a,h)anthracene	ND	130	68	66	3.0	67			30 - 130	30	
Dibenzofuran	ND	230	68	70	2.9	62			30 - 130	30	
Diethyl phthalate	ND	230	70	74	5.6	67			30 - 130	30	
Dimethylphthalate	ND	230	69	72	4.3	64			30 - 130	30	
Di-n-butylphthalate	ND	230	75	76	1.3	68			30 - 130	30	
Di-n-octylphthalate	ND	230	76	78	2.6	72			30 - 130	30	
Fluoranthene	ND	230	75	74	1.3	69			30 - 130	30	
Fluorene	ND	230	68	72	5.7	63			30 - 130	30	
Hexachlorobenzene	ND	130	68	68	0.0	65			30 - 130	30	
Hexachlorobutadiene	ND	230	64	58	9.8	59			30 - 130	30	
Hexachlorocyclopentadiene	ND	230	63	58	8.3	53			30 - 130	30	
Hexachloroethane	ND	130	57	50	13.1	46			30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	68	67	1.5	69			30 - 130	30	
Isophorone	ND	130	60	61	1.7	52			30 - 130	30	
Naphthalene	ND	230	64	60	6.5	58			30 - 130	30	
Nitrobenzene	ND	130	61	58	5.0	46			30 - 130	30	
N-Nitrosodimethylamine	ND	230	54	48	11.8	27			30 - 130	30	m
N-Nitrosodi-n-propylamine	ND	130	65	61	6.3	46			30 - 130	30	
N-Nitrosodiphenylamine	ND	130	70	76	8.2	65			30 - 130	30	

QA/QC Data

SDG I.D.: GBY35328

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Pentachloronitrobenzene	ND	230	71	70	1.4	66			30 - 130	30	
Pentachlorophenol	ND	230	48	47	2.1	33			30 - 130	30	
Phenanthrene	ND	130	68	69	1.5	64			30 - 130	30	
Phenol	ND	230	70	65	7.4	54			30 - 130	30	
Pyrene	ND	230	77	77	0.0	70			30 - 130	30	
Pyridine	ND	230	39	39	0.0	23			30 - 130	30	m
% 2,4,6-Tribromophenol	60	%	60	59	1.7	55			30 - 130	30	
% 2-Fluorobiphenyl	63	%	66	61	7.9	59			30 - 130	30	
% 2-Fluorophenol	58	%	61	53	14.0	49			30 - 130	30	
% Nitrobenzene-d5	58	%	62	59	5.0	47			30 - 130	30	
% Phenol-d5	62	%	66	61	7.9	50			30 - 130	30	
% Terphenyl-d14	76	%	77	76	1.3	68			30 - 130	30	

Comment:

MSD not reported for this batch.

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
June 09, 2017

Friday, June 09, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBY35328 - HANSONV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

June 09, 2017 SDG I.D.: GBY35328

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

SVOA Narration

CHEM06 06/07/17-1: BY35328, BY35329

The following Initial Calibration compounds did not meet RSD% criteria: 2,4-Dinitrophenol 21% (20%), Benzidine 24% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.095 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: Benzidine 88%H (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: Benzidine 88%H (40%)
The following Continuing Calibration compounds did not meet recommended response factors: Bis(2-chloroethoxy)methane 0.294 (0.3)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM19 06/07/17-1: BY35330, BY35331, BY35332

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.064 (0.1), Hexachlorobenzene 0.090 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.059 (0.1), Hexachlorobenzene 0.088 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

VOA Narration

CHEM26 06/07/17-2: BY35328, BY35329, BY35330, BY35331, BY35332

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 24% (20%), Naphthalene 24% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

June 09, 2017

SDG I.D.: GBY35328

The samples in this delivery group were received at 3.7°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

Temp 3.7 C Pg of

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Fax:
☐ Phone:
☒ Email: Tgiamichael@aztechenv.com

Customer: Bill To: Hansen-Vanvleet, LLC.
Address: 902 Rt 146
Clifton Park, NY 12065

Project: Tim Bayly Property
Report to: TGIAMICHAEL@AZTECHENV.COM
Invoice to: K. VanVleet

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature ____ Date: ____

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs Full List 8260	SVOCs Full list 8270	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (4) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
35328	BF-1	soil	6/6/2017	10:00	X	X		1	1							
35329	BF-2	soil	6/6/2017	10:10	X	X		1	1							
35330	BF-3	soil	6/6/2017	10:20	X	X		1	1							
35331	BF-4	soil	6/6/2017	10:30	X	X		1	1							
35332	BF-5	soil	6/6/2017	10:40	X	X		1	1							

Relinquished by:	Accepted by:	Date:	Time:
Tom Giamichael	Sarah Cooley	6/6/17	14:00
[illegible]	[illegible]	7 June 2017	1300
[illegible]	[illegible]	6/7	3:00
		6-7-17	17:30

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ NY 375 GWP
☐ NY375 Unrestricted Use Soil
☐ NY375 Residential Soil
☐ Restricted/Residential
☐ Commercial
☐ Industrial

Data Format
☒ Phoenix Std Report
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other ____

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

Comments, Special Requirements or Regulations:

If VOC or SVOC samples exceed 20X rule please run TCLP analysis

Call Tom Giamichael to verify 518-337-7635
Also Copy reprts to
Kirby VanVleet - Kvanvleet@hansonvanvleet.com
Bill Toran - Btoran@aztechenv.com

State where samples were collected: NY

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 15, 2017

FOR: Attn: Tommy Giamichael
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY: 12020

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/05/17	9:50
Location Code:	AZTECHNY	Received by:	LB	05/08/17	16:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY16899
Phoenix ID: BY16899

Project ID: TIM BAYLY PROPERTY
Client ID: DISPOSAL #1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
TCLP Silver	< 0.10	0.10	mg/L	1	05/09/17	LK	SW6010C	
TCLP Arsenic	< 0.10	0.10	mg/L	1	05/09/17	LK	SW6010C	
TCLP Barium	0.35	0.10	mg/L	1	05/09/17	LK	SW6010C	
TCLP Cadmium	< 0.050	0.050	mg/L	1	05/09/17	LK	SW6010C	
TCLP Chromium	< 0.10	0.10	mg/L	1	05/09/17	LK	SW6010C	
TCLP Mercury	< 0.0002	0.0002	mg/L	1	05/09/17	RS	SW7470A	
TCLP Lead	0.12	0.10	mg/L	1	05/09/17	LK	SW6010C	
TCLP Selenium	< 0.10	0.10	mg/L	1	05/09/17	LK	SW6010C	
TCLP Metals Digestion	Completed				05/09/17	W/Q	SW3005A	
Percent Solid	83		%		05/08/17	Q	SW846-%Solid	
Corrosivity	Negative		Pos/Neg	1	05/08/17	O	SW846-Corr	1
Flash Point	>200	200	Degree F	1	05/10/17	Y	SW1010A	
Ignitability	Passed	140	degree F	1	05/10/17	Y	SW846-Ignit	1
pH at 25C - Soil	7.41	1.00	pH Units	1	05/08/17 18:57	O	SW9045	1
Reactivity Cyanide	< 5.8	5.8	mg/Kg	1	05/09/17	BS/GD	SW846-ReactCyn	1
Reactivity Sulfide	< 20	20	mg/Kg	1	05/09/17	BS/GD	SW-7.3	1
Reactivity	Negative		Pos/Neg	1	05/09/17	BS/GD	SW846-React	1
Soil Extraction for PCB	Completed				05/08/17	CC/V	SW3545A	
Paint Filter Test	Passed		PASS/FAIL		05/08/17	J	SW9095B	
TCLP Digestion Mercury	Completed				05/09/17	W/Q	SW7470A	
TCLP Herbicides Extraction	Completed				05/10/17	/D	SW8150 MOD	
TCLP Extraction for Metals	Completed				05/08/17	W	SW1311	
TCLP Extraction for Organics	Completed				05/08/17	W	SW1311	
TCLP Pesticides Extraction	Completed				05/10/17	TN	SW3510C	
TCLP Semi-Volatile Extraction	Completed				05/10/17	TN	SW3510C	
TCLP Extraction Volatiles	Completed				05/08/17	Y	SW1311	

Project ID: TIM BAYLY PROPERTY
Client ID: DISPOSAL #1

Phoenix I.D.: BY16899

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Polychlorinated Biphenyls								
PCB-1016	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
PCB-1221	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
PCB-1232	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
PCB-1242	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
PCB-1248	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
PCB-1254	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
PCB-1260	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
PCB-1262	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
PCB-1268	ND	390	ug/Kg	10	05/10/17	AW	SW8082A	
QA/QC Surrogates								
% DCBP	104		%	10	05/10/17	AW	30 - 150 %	
% TCMX	88		%	10	05/10/17	AW	30 - 150 %	
TCLP Herbicides								
2,4,5-TP (Silvex)	ND	8.3	ug/L	10	05/11/17	CE	SW8151A	
2,4-D	ND	17	ug/L	10	05/11/17	CE	SW8151A	
QA/QC Surrogates								
% DCAA	54		%	10	05/11/17	CE	30 - 150 %	
TCLP Pesticides								
4,4' -DDD	ND	1.0	ug/L	10	05/11/17	CE	SW8081B	
4,4' -DDE	ND	1.0	ug/L	10	05/11/17	CE	SW8081B	
4,4' -DDT	ND	1.0	ug/L	10	05/11/17	CE	SW8081B	
a-BHC	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
Alachlor	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	1
Aldrin	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
b-BHC	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
Chlordane	ND	5.0	ug/L	10	05/11/17	CE	SW8081B	
d-BHC	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
Dieldrin	ND	1.0	ug/L	10	05/11/17	CE	SW8081B	
Endosulfan I	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
Endosulfan II	ND	1.0	ug/L	10	05/11/17	CE	SW8081B	
Endosulfan Sulfate	ND	1.0	ug/L	10	05/11/17	CE	SW8081B	
Endrin	ND	1.0	ug/L	10	05/11/17	CE	SW8081B	
Endrin Aldehyde	ND	1.0	ug/L	10	05/11/17	CE	SW8081B	
g-BHC (Lindane)	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
Heptachlor	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
Heptachlor epoxide	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
Methoxychlor	ND	0.50	ug/L	10	05/11/17	CE	SW8081B	
Toxaphene	ND	20	ug/L	10	05/11/17	CE	SW8081B	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	94		%	10	05/11/17	CE	30 - 150 %	
%TCMX (Surrogate Rec)	89		%	10	05/11/17	CE	30 - 150 %	
TCLP Volatiles								
1,1-Dichloroethene	ND	25	ug/L	5	05/09/17	HM	SW8260C	
1,2-Dichloroethane	ND	25	ug/L	5	05/09/17	HM	SW8260C	
Benzene	ND	25	ug/L	5	05/09/17	HM	SW8260C	

Project ID: TIM BAYLY PROPERTY
Client ID: DISPOSAL #1

Phoenix I.D.: BY16899

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Carbon tetrachloride	ND	25	ug/L	5	05/09/17	HM	SW8260C	
Chlorobenzene	ND	25	ug/L	5	05/09/17	HM	SW8260C	
Chloroform	ND	25	ug/L	5	05/09/17	HM	SW8260C	
Methyl ethyl ketone	ND	25	ug/L	5	05/09/17	HM	SW8260C	
Tetrachloroethene	ND	25	ug/L	5	05/09/17	HM	SW8260C	
Trichloroethene	ND	25	ug/L	5	05/09/17	HM	SW8260C	
Vinyl chloride	ND	25	ug/L	5	05/09/17	HM	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	5	05/09/17	HM	70 - 130 %	
% Bromofluorobenzene	97		%	5	05/09/17	HM	70 - 130 %	
% Dibromofluoromethane	99		%	5	05/09/17	HM	70 - 130 %	
% Toluene-d8	99		%	5	05/09/17	HM	70 - 130 %	
TCLP Acid/Base-Neutral								
1,4-Dichlorobenzene	ND	83	ug/L	1	05/11/17	DD	SW8270D	
2,4,5-Trichlorophenol	ND	83	ug/L	1	05/11/17	DD	SW8270D	
2,4,6-Trichlorophenol	ND	83	ug/L	1	05/11/17	DD	SW8270D	
2,4-Dinitrotoluene	ND	83	ug/L	1	05/11/17	DD	SW8270D	
2-Methylphenol (o-cresol)	ND	83	ug/L	1	05/11/17	DD	SW8270D	
3&4-Methylphenol (m&p-Cresol)	ND	83	ug/L	1	05/11/17	DD	SW8270D	
Hexachlorobenzene	ND	83	ug/L	1	05/11/17	DD	SW8270D	
Hexachlorobutadiene	ND	83	ug/L	1	05/11/17	DD	SW8270D	
Hexachloroethane	ND	83	ug/L	1	05/11/17	DD	SW8270D	
Nitrobenzene	ND	83	ug/L	1	05/11/17	DD	SW8270D	
Pentachlorophenol	ND	83	ug/L	1	05/11/17	DD	SW8270D	
Pyridine	ND	83	ug/L	1	05/11/17	DD	SW8270D	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	132		%	1	05/11/17	DD	15 - 110 %	3
% 2-Fluorobiphenyl	106		%	1	05/11/17	DD	30 - 130 %	
% 2-Fluorophenol	90		%	1	05/11/17	DD	15 - 110 %	
% Nitrobenzene-d5	120		%	1	05/11/17	DD	30 - 130 %	
% Phenol-d5	87		%	1	05/11/17	DD	15 - 110 %	
% Terphenyl-d14	112		%	1	05/11/17	DD	30 - 130 %	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Cyanide.This method is no longer listed in the current version of SW-846.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Sulfide. This method is no longer listed in the current version of SW-846.

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

Corrosivity is based solely on the pH analysis performed above.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Semi-Volatile Comment:
One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
May 15, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 2.4° C Pg of

Contact Options:
☐ Fax:
☐ Phone:
☒ Email: Tgiamichael@aztechenv.com

Customer: Bill To: Hansen-Vanvleet, LLC.
Address: 902 Rt 146
Clifton Park, NY 12065

Project: Tim Bayly Property
Report to: TGIAMICHAEL@AZTECHENV.COM
Invoice to: K. VanVleet

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5/5/17

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCLP VOCs 8260	TCLP SVOCs 8270	TCLP Metals 6010	TCLP Pest/Herb 8081/8151	Total PCBs 8082	Flashpoint, corosivity, reactivity, paint filter	VOCS Full list 8260	Svocs Ful list 8270	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (4) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
16899	Disposal #1	soil	5/5/2017	9:50	X	X	X	X	X	X						1	3					
16900	WF-1-1	wood	5/5/2017	10:40					X								1					
16901	WF-4	wood	5/5/2017	10:50							X	X				1	1					
16902	WF-5	wood	5/5/2017	11:00							X	X				1	1					
16903	WF-6	wood	5/5/2017	11:10							X	X				1	1					
16904	WF-7	wood	5/5/2017	11:20							X	X				1	1					
16905	WF-8	wood	5/5/2017	11:30							X	X				1	1					
16906	WF-9	wood	5/5/2017	11:40							X	X				1	1					
16907	WF-10	wood	5/5/2017	11:50							X	X				1	1					
16908	Joist Comp #1	wood	5/5/2017	13:30							X	X				1	1					
16909	Joist Comp #2	wood	5/5/2017	14:00							X	X				1	1					

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5/5/17	16:30
[signature]	[signature]	5/8/17	1135
[signature]	[signature]	5/8	3:00
[signature]	[signature]	5/18/17	16:43

Comments, Special Requirements or Regulations:

If VOC or SVOC samples exceed 20X rule please run TCLP analysis

Call Tom Giamichael to verify 518-337-7635
Also Copy reprts to
Kirby VanVleet - Kvanvleet@hansonvanvleet.com
Bill Toran - Btoran@aztechenv.com

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☒ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ NY 375 GWP
☐ NY375 Unrestricted Use Soil
☐ NY375 Residential Soil
☐ Restricted/Residential
☐ Commercial
☐ Industrial

State where samples were collected: NY

Data Format
☒ Phoenix Std Report
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

AOC-1/Natural Gas Line Analytical Data

&

Disposal Documentation

PHOENIX
Environmental Laboratories, Inc.

Wednesday, May 24, 2017

Attn:
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY 12020

Project ID: TIM BAYLY PROPERTY
Sample ID#s: BY21577

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 24, 2017

FOR: Attn:
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/15/17	10:50
Location Code:	AZTECHNY	Received by:	SW	05/16/17	16:58
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY21577
Phoenix ID: BY21577

Project ID: TIM BAYLY PROPERTY
Client ID: DISPOSAL #2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
TCLP Silver	< 0.10	0.10	mg/L	1	05/17/17	LK	SW6010C	
TCLP Arsenic	< 0.10	0.10	mg/L	1	05/17/17	LK	SW6010C	
TCLP Barium	1.02	0.10	mg/L	1	05/17/17	LK	SW6010C	
TCLP Cadmium	< 0.050	0.050	mg/L	1	05/17/17	LK	SW6010C	
TCLP Chromium	< 0.10	0.10	mg/L	1	05/17/17	LK	SW6010C	
TCLP Mercury	< 0.0002	0.0002	mg/L	1	05/17/17	RS	SW7470A	
TCLP Lead	1.05	0.10	mg/L	1	05/17/17	LK	SW6010C	
TCLP Selenium	< 0.10	0.10	mg/L	1	05/17/17	LK	SW6010C	
TCLP Metals Digestion	Completed				05/17/17	W/W	SW3005A	
Percent Solid	81		%		05/16/17	Q	SW846-%Solid	
Corrosivity	Negative		Pos/Neg	1	05/16/17	O	SW846-Corr	1
Flash Point	>200	200	Degree F	1	05/18/17	Y	SW1010A	
Ignitability	Passed	140	degree F	1	05/18/17	Y	SW846-Ignit	1
pH at 25C - Soil	8.73	1.00	pH Units	1	05/16/17 20:06	O	SW9045	1
Reactivity Cyanide	< 6.0	6.0	mg/Kg	1	05/19/17	EG	SW846-ReactCyn	1
Reactivity Sulfide	< 20	20	mg/Kg	1	05/19/17	EG/GD	SW-7.3	1
Reactivity	Negative		Pos/Neg	1	05/19/17	EG/GD	SW846-React	1
Soil Extraction for PCB	Completed				05/16/17	CC/V	SW3545A	
Paint Filter Test	Passed		PASS/FAIL		05/16/17	J	SW9095B	
TCLP Digestion Mercury	Completed				05/17/17	W/W	SW7470A	
TCLP Herbicides Extraction	Completed				05/18/17	I/D	SW8150 MOD	
TCLP Extraction for Metals	Completed				05/16/17	W	SW1311	
TCLP Extraction for Organics	Completed				05/16/17	Z/W	SW1311	
TCLP Pesticides Extraction	Completed				05/18/17	N	SW3510C	
TCLP Semi-Volatile Extraction	Completed				05/18/17	TN	SW3510C	
TCLP Extraction Volatiles	Completed				05/16/17	Y	SW1311	

Project ID: TIM BAYLY PROPERTY
Client ID: DISPOSAL #2

Phoenix I.D.: BY21577

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Polychlorinated Biphenyls								
PCB-1016	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
PCB-1221	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
PCB-1232	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
PCB-1242	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
PCB-1248	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
PCB-1254	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
PCB-1260	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
PCB-1262	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
PCB-1268	ND	400	ug/Kg	10	05/18/17	AW	SW8082A	
QA/QC Surrogates								
% DCBP	86		%	10	05/18/17	AW	30 - 150 %	
% TCMX	88		%	10	05/18/17	AW	30 - 150 %	
TCLP Herbicides								
2,4,5-TP (Silvex)	ND	8.3	ug/L	10	05/19/17	KCA	SW8151A	
2,4-D	ND	17	ug/L	10	05/19/17	KCA	SW8151A	
QA/QC Surrogates								
% DCAA	39		%	10	05/19/17	KCA	30 - 150 %	
TCLP Pesticides								
4,4' -DDD	ND	1.0	ug/L	10	05/20/17	KCA	SW8081B	
4,4' -DDE	ND	1.0	ug/L	10	05/20/17	KCA	SW8081B	
4,4' -DDT	ND	1.0	ug/L	10	05/20/17	KCA	SW8081B	
a-BHC	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
Alachlor	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	1
Aldrin	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
b-BHC	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
Chlordane	ND	5.0	ug/L	10	05/20/17	KCA	SW8081B	
d-BHC	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
Dieldrin	ND	1.0	ug/L	10	05/20/17	KCA	SW8081B	
Endosulfan I	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
Endosulfan II	ND	1.0	ug/L	10	05/20/17	KCA	SW8081B	
Endosulfan Sulfate	ND	1.0	ug/L	10	05/20/17	KCA	SW8081B	
Endrin	ND	1.0	ug/L	10	05/20/17	KCA	SW8081B	
Endrin Aldehyde	ND	1.0	ug/L	10	05/20/17	KCA	SW8081B	
g-BHC (Lindane)	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
Heptachlor	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
Heptachlor epoxide	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
Methoxychlor	ND	0.50	ug/L	10	05/20/17	KCA	SW8081B	
Toxaphene	ND	20	ug/L	10	05/20/17	KCA	SW8081B	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	83		%	10	05/20/17	KCA	30 - 150 %	
%TCMX (Surrogate Rec)	81		%	10	05/20/17	KCA	30 - 150 %	
TCLP Volatiles								
1,1-Dichloroethene	ND	25	ug/L	5	05/17/17	HM	SW8260C	
1,2-Dichloroethane	ND	25	ug/L	5	05/17/17	HM	SW8260C	
Benzene	ND	25	ug/L	5	05/17/17	HM	SW8260C	

Ver 1

Project ID: TIM BAYLY PROPERTY
Client ID: DISPOSAL #2

Phoenix I.D.: BY21577

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Carbon tetrachloride	ND	25	ug/L	5	05/17/17	HM	SW8260C
Chlorobenzene	ND	25	ug/L	5	05/17/17	HM	SW8260C
Chloroform	ND	25	ug/L	5	05/17/17	HM	SW8260C
Methyl ethyl ketone	ND	25	ug/L	5	05/17/17	HM	SW8260C
Tetrachloroethene	ND	25	ug/L	5	05/17/17	HM	SW8260C
Trichloroethene	ND	25	ug/L	5	05/17/17	HM	SW8260C
Vinyl chloride	ND	25	ug/L	5	05/17/17	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	5	05/17/17	HM	70 - 130 %
% Bromofluorobenzene	99		%	5	05/17/17	HM	70 - 130 %
% Dibromofluoromethane	102		%	5	05/17/17	HM	70 - 130 %
% Toluene-d8	98		%	5	05/17/17	HM	70 - 130 %
TCLP Acid/Base-Neutral							
1,4-Dichlorobenzene	ND	83	ug/L	1	05/19/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	83	ug/L	1	05/19/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	83	ug/L	1	05/19/17	DD	SW8270D
2,4-Dinitrotoluene	ND	83	ug/L	1	05/19/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	83	ug/L	1	05/19/17	DD	SW8270D
3&4-Methylphenol (m&p-Cresol)	ND	83	ug/L	1	05/19/17	DD	SW8270D
Hexachlorobenzene	ND	83	ug/L	1	05/19/17	DD	SW8270D
Hexachlorobutadiene	ND	83	ug/L	1	05/19/17	DD	SW8270D
Hexachloroethane	ND	83	ug/L	1	05/19/17	DD	SW8270D
Nitrobenzene	ND	83	ug/L	1	05/19/17	DD	SW8270D
Pentachlorophenol	ND	83	ug/L	1	05/19/17	DD	SW8270D
Pyridine	ND	83	ug/L	1	05/19/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	92		%	1	05/19/17	DD	15 - 110 %
% 2-Fluorobiphenyl	93		%	1	05/19/17	DD	30 - 130 %
% 2-Fluorophenol	76		%	1	05/19/17	DD	15 - 110 %
% Nitrobenzene-d5	88		%	1	05/19/17	DD	30 - 130 %
% Phenol-d5	69		%	1	05/19/17	DD	15 - 110 %
% Terphenyl-d14	101		%	1	05/19/17	DD	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Corrosivity is based solely on the pH analysis performed above.

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

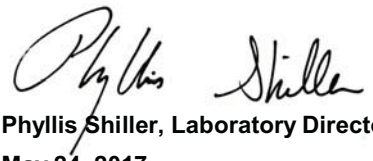
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Cyanide.This method is no longer listed in the current version of SW-846.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Sulfide. This method is no longer listed in the current version of SW-846.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
May 24, 2017
Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 24, 2017

QA/QC Data

SDG I.D.: GBY21577

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 386753 (mg/L), QC Sample No: BY21015 (BY21577)													
ICP Metals - TCLP Extraction													
Arsenic	BRL	0.01	<0.01	<0.01	NC	120			112			75 - 125	20
Barium	BRL	0.01	0.56	0.58	3.50	100			95.1			75 - 125	20
Cadmium	BRL	0.005	<0.004	<0.005	NC	112			106			75 - 125	20
Chromium	BRL	0.010	<0.010	<0.010	NC	111			105			75 - 125	20
Lead	BRL	0.010	<0.010	0.010	NC	114			108			75 - 125	20
Selenium	BRL	0.01	<0.04	<0.01	NC	118			111			75 - 125	20
Silver	BRL	0.010	<0.005	<0.010	NC	116			110			75 - 125	20
QA/QC Batch 386758 (mg/L), QC Sample No: BY21392 (BY21577)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	108			96.7			80 - 120	20

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

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QA/QC Report

May 24, 2017

QA/QC Data

SDG I.D.: GBY21577

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 386734 (PH), QC Sample No: BY20823 (BY21577)													
pH at 25C - Soil			11.1	11.1	0	100						85 - 115	20
QA/QC Batch 387132 (mg/Kg), QC Sample No: BY20823 5X (BY21577)													
Reactivity Cyanide	BRL	0.05	<5.6	<5.5	NC	90.7						85 - 115	30
QA/QC Batch 386957 (Degree F), QC Sample No: BY22083 (BY21577)													
Flash Point			>200	>200	NC	100						85 - 115	30

Comment:

Additional criteria matrix spike acceptance range is 75-125%.

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QA/QC Report

May 24, 2017

QA/QC Data

SDG I.D.: GBY21577

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 386662 (ug/Kg), QC Sample No: BY21015 2X (BY21577)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	33	87	71	20.3	83	65	24.3	40 - 140	30	
PCB-1221	ND	33							40 - 140	30	
PCB-1232	ND	33							40 - 140	30	
PCB-1242	ND	33							40 - 140	30	
PCB-1248	ND	33							40 - 140	30	
PCB-1254	ND	33							40 - 140	30	
PCB-1260	ND	33	97	83	15.6	91	76	18.0	40 - 140	30	
PCB-1262	ND	33							40 - 140	30	
PCB-1268	ND	33							40 - 140	30	
% DCBP (Surrogate Rec)	100	%	103	91	12.4	98	85	14.2	30 - 150	30	
% TCMX (Surrogate Rec)	95	%	100	85	16.2	96	75	24.6	30 - 150	30	
QA/QC Batch 386946 (ug/L), QC Sample No: BY21475 10X (BY21577)											
Chlorinated Herbicides											
2,4,5-TP (Silvex)	ND	2.5	60	62	3.3				40 - 140	20	
2,4-D	ND	5.0	55	55	0.0				40 - 140	20	
% DCAA (Surrogate Rec)	47	%	55	66	18.2				30 - 150	20	
QA/QC Batch 386953 (ug/L), QC Sample No: BY21549 (BY21577 (5X))											
Volatiles - TCLP											
1,1-Dichloroethene	ND	5.0	97	103	6.0	112	108	3.6	70 - 130	30	
1,2-Dichloroethane	ND	0.60	100	101	1.0	114	109	4.5	70 - 130	30	
Benzene	ND	0.70	95	97	2.1	110	106	3.7	70 - 130	30	
Carbon tetrachloride	ND	5.0	103	104	1.0	116	114	1.7	70 - 130	30	
Chlorobenzene	ND	1.0	99	100	1.0	109	108	0.9	70 - 130	30	
Chloroform	ND	5.0	100	100	0.0	111	109	1.8	70 - 130	30	
Methyl ethyl ketone	ND	5.0	103	102	1.0	118	116	1.7	70 - 130	30	
Tetrachloroethene	ND	1.0	98	100	2.0	109	107	1.9	70 - 130	30	
Trichloroethene	ND	5.0	100	101	1.0	109	108	0.9	70 - 130	30	
Vinyl chloride	ND	5.0	84	87	3.5	94	93	1.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	%	100	99	1.0	101	101	0.0	70 - 130	30	
% Bromofluorobenzene	97	%	99	100	1.0	101	101	0.0	70 - 130	30	
% Dibromofluoromethane	102	%	101	100	1.0	99	101	2.0	70 - 130	30	
% Toluene-d8	100	%	98	99	1.0	100	99	1.0	70 - 130	30	
Comment:											
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.											
QA/QC Batch 387100 (ug/L), QC Sample No: BY21577 10X (BY21577)											
Pesticides											
4,4' -DDD	ND	0.25	54	100	59.7				40 - 140	20	r
4,4' -DDE	ND	0.25	53	95	56.8				40 - 140	20	r
4,4' -DDT	ND	0.25	54	98	57.9				40 - 140	20	r

QA/QC Data

SDG I.D.: GBY21577

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
a-BHC	ND	0.15	51	91	56.3				40 - 140	20	r
Alachlor	ND	0.50	NA	NA	NC				40 - 140	20	
Aldrin	ND	0.15	46	88	62.7				40 - 140	20	r
b-BHC	ND	0.15	56	96	52.6				40 - 140	20	r
Chlordane	ND	5.0	53	96	57.7				40 - 140	20	r
d-BHC	ND	0.50	48	82	52.3				40 - 140	20	r
Dieldrin	ND	0.15	52	95	58.5				40 - 140	20	r
Endosulfan I	ND	0.50	51	97	62.2				40 - 140	20	r
Endosulfan II	ND	0.50	55	98	56.2				40 - 140	20	r
Endosulfan sulfate	ND	0.50	53	94	55.8				40 - 140	20	r
Endrin	ND	0.50	47	85	57.6				40 - 140	20	r
Endrin aldehyde	ND	0.50	57	98	52.9				40 - 140	20	r
g-BHC	ND	0.15	56	97	53.6				40 - 140	20	r
Heptachlor	ND	0.50	51	94	59.3				40 - 140	20	r
Heptachlor epoxide	ND	0.50	53	95	56.8				40 - 140	20	r
Methoxychlor	ND	0.50	53	94	55.8				40 - 140	20	r
Toxaphene	ND	20	NA	NA	NC				40 - 140	20	
% DCBP	79	%	63	91	36.4				30 - 150	20	r
% TCMX	73	%	51	91	56.3				30 - 150	20	r

Comment:

Several of the LCS/LCSD RPDs are above the criteria. Both of the recoveries are within the acceptable range. No significant bias is suspected.
Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane.

QA/QC Batch 387099 (ug/L), QC Sample No: BY21662 (BY21577)

Semivolatiles

1,4-Dichlorobenzene	ND	17	98	92	6.3				30 - 130	20	
2,4,5-Trichlorophenol	ND	17	117	111	5.3				30 - 130	20	
2,4,6-Trichlorophenol	ND	17	114	106	7.3				30 - 130	20	
2,4-Dinitrotoluene	ND	58	119	114	4.3				30 - 130	20	
2-Methylphenol (o-cresol)	ND	17	99	98	1.0				30 - 130	20	
3&4-Methylphenol (m&p-cresol)	ND	17	108	103	4.7				30 - 130	20	
Hexachlorobenzene	ND	58	108	102	5.7				30 - 130	20	
Hexachlorobutadiene	ND	58	109	106	2.8				30 - 130	20	
Hexachloroethane	ND	58	97	90	7.5				30 - 130	20	
Nitrobenzene	ND	58	104	99	4.9				30 - 130	20	
Pentachlorophenol	ND	58	96	95	1.0				30 - 130	20	
Pyridine	ND	83	59	57	3.4				30 - 130	20	
% 2,4,6-Tribromophenol	87	%	92	87	5.6				15 - 110	20	
% 2-Fluorobiphenyl	86	%	90	86	4.5				30 - 130	20	
% 2-Fluorophenol	76	%	72	69	4.3				15 - 110	20	
% Nitrobenzene-d5	90	%	85	83	2.4				30 - 130	20	
% Phenol-d5	72	%	69	66	4.4				15 - 110	20	
% Terphenyl-d14	99	%	99	96	3.1				30 - 130	20	

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

r = This parameter is outside laboratory RPD specified recovery limits.

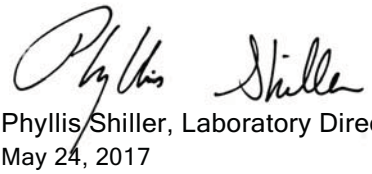
QA/QC Data

SDG I.D.: GBY21577

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference



Phyllis Shiller, Laboratory Director
May 24, 2017

Wednesday, May 24, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBY21577 - AZTECHNY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

May 24, 2017 SDG I.D.: GBY21577

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

SVOA Narration

CHEM27 05/19/17-1: BY21577

The following Initial Calibration compounds did not meet recommended response factors: Hexachlorobenzene 0.096 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: Hexachlorobenzene 0.093 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

May 24, 2017

SDG I.D.: GBY21577

The samples in this delivery group were received at 1.9°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 1.9 °C Pg of

Contact Options:
[ ] Fax:
[ ] Phone:
[X] Email: Tgiamichael@aztechenv.com

Customer: Bill To: Hansen-Vanvleet, LLC.
Address: 902 Rt 146
Clifton Park, NY 12065

Project: Tim Bayly Property
Report to: TGIAMICHAEL@AZTECHENV.COM
Invoice to: K. VanVleet

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Tom Giamichael Date: 5/15/17

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCLP VOCs 8260	TCLP SVOCs 8270	TCLP Metals 6010	TCLP Pest/Herb 8081/8151	Total PCBs 8082	Flashpoint, corosivity, reactivity, paint filter	VOCS Full list 8260	Svocs Ful list 8270	Soil VOA Vials [ ]methanol [ ] H2O	GL Soil container (4)oz	GL Soil container (8)oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
21577	Disposal #2	soil	5/15/2017	10:50	X	X	X	X	X	X					1	4						

Relinquished by:	Accepted by:	Date:	Time:
Tom G	Sample Cooler	5/15/17	12:00
		5/16/17	1340
		5/16	3:00

Comments, Special Requirements or Regulations: 5/16/17 1658

If VOC or SVOC samples exceed 20X rule please run TCLP analysis

Call Tom Giamichael to verify 518-337-7635
Also Copy reprts to
Kirby VanVleet - Kvanvleet@hansonvanvleet.com
Bill Toran - Btoran@aztechenv.com

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] 5 Days
[X] 10 Days
[ ] Other
* SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[ ] NY 375 GWP
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential Soil
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

State where samples were collected: NY

Data Format
[X] Phoenix Std Report
[ ] Excel
[ ] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] NJ Hazsite EDD
[ ] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[ ] NY Enhanced (ASP B) *
[ ] Other

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
TIM BAYLY DEVELOPMENT
800 BROADWAY RENNSALAER, NY

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: REAL BARN MULCH — U.S. EPA ID Number: SA735

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
E.S.M.I. OF NEW YORK
304 TOWPATH RD. - FORT EDWARD, NY 12828
U.S. EPA ID Number
NY STATE FACILITY ID # 5-5330-00038/00019

Facility's Phone: 800-511-3764 NYSDEC PROGRAM ID # 58Z01

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	URBAN fill	1	ROLLOFF	23.23	
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF TIM BAYLY DEV. Todd Rollend — Signature: Todd Rollend — Month: 9 Day: 14 Year: 17

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVE ALCMY — Signature: Dave Alcmy — Month: 9 Day: 14 Year: 17

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Donella Fisher — Signature: Donella Fisher — Month: 9 Day: 14 Year: 17

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1		

GENERATOR

5. Generator's Name and Mailing Address
WAINSCHAF ASSOC
589 3rd Ave Rensselaer NY

Generator's Site Address (if different than mailing address)
800 Broadway
Rensselaer

Generator's Phone:

6. Transporter 1 Company Name (X)

U.S. EPA ID Number (X)

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
EMI of NY
304 Towpath Road Ft. Edward NY

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON HAZARDOUS SOIL	1		20T	
2.					
3.					
4.				10.21	

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name (X) Terrance L Gibson — Signature (X) Terrance L. Gibson — Month 9 — Day 15 — Year 17

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name (X) — Signature (X) — Month 9 — Day 15 — Year 17

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name Donella Fisher — Signature Donella Fisher — Month 9 — Day 19 — Year 17

169-BLS-C 6 10497 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Water Service Line Analytical Data

&

Disposal Documentation

PHOENIX
Environmental Laboratories, Inc.

Monday, August 28, 2017

Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Project ID: TIM BAYLY PROPERTY
Sample ID#s: BY79131

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 28, 2017

FOR: Attn: Mr. Kirby VanVleet
Hanson VanVleet LLC
902 Route 146
Clifton Park, NY 12065

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	RS	08/04/17	12:45
Location Code:	HANSONV	Received by:	B	08/04/17	17:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY79131
Phoenix ID: BY79131

Project ID: TIM BAYLY PROPERTY
Client ID: WATER LINE DISPOSAL

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
TCLP Silver	< 0.10	0.10	mg/L	1	08/07/17	LK	SW6010C	
TCLP Arsenic	< 0.10	0.10	mg/L	1	08/07/17	LK	SW6010C	
TCLP Barium	0.65	0.10	mg/L	1	08/07/17	LK	SW6010C	
TCLP Cadmium	< 0.050	0.050	mg/L	1	08/07/17	LK	SW6010C	
TCLP Chromium	< 0.10	0.10	mg/L	1	08/07/17	LK	SW6010C	
TCLP Mercury	< 0.0002	0.0002	mg/L	1	08/07/17	RS	SW7470A	
TCLP Lead	< 0.10	0.10	mg/L	1	08/07/17	LK	SW6010C	
TCLP Selenium	< 0.10	0.10	mg/L	1	08/07/17	LK	SW6010C	
TCLP Metals Digestion	Completed				08/07/17	Q/Q	SW3005A	
Percent Solid	93		%		08/04/17	Q	SW846-%Solid	
Corrosivity	Negative		Pos/Neg	1	08/04/17	O	SW846-Corr	1
Flash Point	>200	200	Degree F	1	08/07/17	Y	SW1010A	
Ignitability	Passed	140	degree F	1	08/07/17	Y	SW846-Ignit	1
pH at 25C - Soil	11.3	1.00	pH Units	1	08/04/17 20:28	O	SW9045	1
Reactivity Cyanide	< 5	5	mg/Kg	1	08/08/17	B/O/K	SW846-ReactCyn	1
Reactivity Sulfide	< 20	20	mg/Kg	1	08/09/17	BS/GD	SW-7.3	1
Reactivity	Negative		Pos/Neg	1	08/09/17	BS/GD	SW846-React	1
Soil Extraction for PCB	Completed				08/07/17	BB/V	SW3545A	
Paint Filter Test	Passed		PASS/FAIL		08/04/17	J	SW9095B	
TCLP Digestion Mercury	Completed				08/07/17	Q/Q	SW7470A	
TCLP Herbicides Extraction	Completed				08/11/17	R/D	SW8150 MOD	
TCLP Extraction for Metals	Completed				08/04/17	Q	SW1311	
TCLP Extraction for Organics	Completed				08/10/17	Q	SW1311	
TCLP Pesticides Extraction	Completed				08/07/17	N	SW3510C	
TCLP Semi-Volatile Extraction	Completed				08/07/17	TN	SW3510C	
TCLP Extraction Volatiles	Completed				08/04/17	Y	SW1311	
Extraction of TPH SM	Completed				08/25/17	BC/JCK	SW3545A	

Project ID: TIM BAYLY PROPERTY
Client ID: WATER LINE DISPOSAL

Phoenix I.D.: BY79131

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Gasoline Range Hydrocarbons (C6-C10)								
GRO (C6-C10)	ND	5.4	mg/Kg	50	08/26/17	CG	SW8015D	1
QA/QC Surrogates								
% 2,5-Dibromotoluene (FID)	83		%	50	08/26/17	CG	70 - 130 %	
Polychlorinated Biphenyls								
PCB-1016	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
PCB-1221	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
PCB-1232	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
PCB-1242	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
PCB-1248	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
PCB-1254	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
PCB-1260	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
PCB-1262	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
PCB-1268	ND	350	ug/Kg	10	08/08/17	AW	SW8082A	
QA/QC Surrogates								
% DCBP	112		%	10	08/08/17	AW	30 - 150 %	
% TCMX	95		%	10	08/08/17	AW	30 - 150 %	
TCLP Herbicides								
2,4,5-TP (Silvex)	ND	8.3	ug/L	10	08/14/17	CW	SW8151A	
2,4-D	ND	17	ug/L	10	08/14/17	CW	SW8151A	
QA/QC Surrogates								
% DCAA	59		%	10	08/14/17	CW	30 - 150 %	
TCLP Pesticides								
4,4' -DDD	ND	1.0	ug/L	10	08/08/17	CW	SW8081B	
4,4' -DDE	ND	1.0	ug/L	10	08/08/17	CW	SW8081B	
4,4' -DDT	ND	1.0	ug/L	10	08/08/17	CW	SW8081B	
a-BHC	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
Alachlor	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	1
Aldrin	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
b-BHC	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
Chlordane	ND	5.0	ug/L	10	08/08/17	CW	SW8081B	
d-BHC	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
Dieldrin	ND	1.0	ug/L	10	08/08/17	CW	SW8081B	
Endosulfan I	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
Endosulfan II	ND	1.0	ug/L	10	08/08/17	CW	SW8081B	
Endosulfan Sulfate	ND	1.0	ug/L	10	08/08/17	CW	SW8081B	
Endrin	ND	1.0	ug/L	10	08/08/17	CW	SW8081B	
Endrin Aldehyde	ND	1.0	ug/L	10	08/08/17	CW	SW8081B	
g-BHC (Lindane)	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
Heptachlor	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
Heptachlor epoxide	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
Methoxychlor	ND	0.50	ug/L	10	08/08/17	CW	SW8081B	
Toxaphene	ND	20	ug/L	10	08/08/17	CW	SW8081B	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	88		%	10	08/08/17	CW	30 - 150 %	
%TCMX (Surrogate Rec)	75		%	10	08/08/17	CW	30 - 150 %	

Ver 2

Project ID: TIM BAYLY PROPERTY
Client ID: WATER LINE DISPOSAL

Phoenix I.D.: BY79131

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
TPH DRO (C10-C28)							
Diesel Range Organics (C10-C28)	ND	53	mg/Kg	1	08/26/17	JRB	SW8015D DRO
QA/QC Surrogates							
% n-Pentacosane	84		%	1	08/26/17	JRB	50 - 150 %
TCLP Volatiles							
1,1-Dichloroethene	ND	50	ug/L	10	08/07/17	MH	SW8260C
1,2-Dichloroethane	ND	50	ug/L	10	08/07/17	MH	SW8260C
Benzene	ND	50	ug/L	10	08/07/17	MH	SW8260C
Carbon tetrachloride	ND	50	ug/L	10	08/07/17	MH	SW8260C
Chlorobenzene	ND	50	ug/L	10	08/07/17	MH	SW8260C
Chloroform	ND	50	ug/L	10	08/07/17	MH	SW8260C
Methyl ethyl ketone	ND	50	ug/L	10	08/07/17	MH	SW8260C
Tetrachloroethene	ND	50	ug/L	10	08/07/17	MH	SW8260C
Trichloroethene	ND	50	ug/L	10	08/07/17	MH	SW8260C
Vinyl chloride	ND	50	ug/L	10	08/07/17	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	10	08/07/17	MH	70 - 130 %
% Bromofluorobenzene	100		%	10	08/07/17	MH	70 - 130 %
% Dibromofluoromethane	96		%	10	08/07/17	MH	70 - 130 %
% Toluene-d8	104		%	10	08/07/17	MH	70 - 130 %
TCLP Acid/Base-Neutral							
1,4-Dichlorobenzene	ND	83	ug/L	1	08/08/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	83	ug/L	1	08/08/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	83	ug/L	1	08/08/17	DD	SW8270D
2,4-Dinitrotoluene	ND	83	ug/L	1	08/08/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	83	ug/L	1	08/08/17	DD	SW8270D
3&4-Methylphenol (m&p-Cresol)	ND	83	ug/L	1	08/08/17	DD	SW8270D
Hexachlorobenzene	ND	83	ug/L	1	08/08/17	DD	SW8270D
Hexachlorobutadiene	ND	83	ug/L	1	08/08/17	DD	SW8270D
Hexachloroethane	ND	83	ug/L	1	08/08/17	DD	SW8270D
Nitrobenzene	ND	83	ug/L	1	08/08/17	DD	SW8270D
Pentachlorophenol	ND	83	ug/L	1	08/08/17	DD	SW8270D
Pyridine	ND	83	ug/L	1	08/08/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	95		%	1	08/08/17	DD	15 - 110 %
% 2-Fluorobiphenyl	85		%	1	08/08/17	DD	30 - 130 %
% 2-Fluorophenol	79		%	1	08/08/17	DD	15 - 110 %
% Nitrobenzene-d5	98		%	1	08/08/17	DD	30 - 130 %
% Phenol-d5	77		%	1	08/08/17	DD	15 - 110 %
% Terphenyl-d14	97		%	1	08/08/17	DD	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Corrosivity is based solely on the pH analysis performed above.

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Cyanide.This method is no longer listed in the current version of SW-846.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Sulfide. This method is no longer listed in the current version of SW-846.

BY79131 - The pH in the preserved volatile vial was greater than 2. A negative bias may have occurred.

The GRO (C6-C10) is quantitated using an gasoline standard.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

The TPH (C10-C28) is quantitated using an alkane standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services.

Phyllis Shiller, Laboratory Director
August 28, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

August 28, 2017

QA/QC Data

SDG I.D.: GBY79131

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 396646 (mg/L), QC Sample No: BY78989 (BY79131)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	99.7			101			80 - 120	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 396650 (mg/L), QC Sample No: BY79001 (BY79131)													
ICP Metals - TCLP Extraction													
Arsenic	BRL	0.10	0.10 J	0.05	NC	106			96.8			75 - 125	20
Barium	BRL	0.10	0.49	0.48	NC	101			101			75 - 125	20
Cadmium	BRL	0.050	<0.050	<0.050	NC	101			98.8			75 - 125	20
Chromium	BRL	0.10	<0.10	<0.10	NC	101			98.9			75 - 125	20
Lead	BRL	0.10	0.03 J	<0.10	NC	104			101			75 - 125	20
Selenium	BRL	0.10	<0.10	<0.10	NC	106			94.9			75 - 125	20
Silver	BRL	0.10	<0.10	<0.10	NC	104			97.2			75 - 125	20

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

August 28, 2017

QA/QC Data

SDG I.D.: GBY79131

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 396795 (mg/Kg), QC Sample No: BY79020 5X (BY79131)													
Reactivity Cyanide	BRL	0.05	<5	<5.6	NC	98.7						85 - 115	30
QA/QC Batch 396705 (Degree F), QC Sample No: BY79120 (BY79131)													
Flash Point			>200	>200	NC	100						75 - 125	30
Comment:													
Additional criteria matrix spike acceptance range is 75-125%.													
QA/QC Batch 396595 (PH), QC Sample No: BY79131 (BY79131)													
pH at 25C - Soil			11.3	11.3	0	100						85 - 115	20

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

August 28, 2017

QA/QC Data

SDG I.D.: GBY79131

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 396778 (ug/L), QC Sample No: BY75515 10X (BY79131)										
Pesticides										
4,4' -DDD	ND	0.25	97	100	3.0				40 - 140	20
4,4' -DDE	ND	0.25	92	93	1.1				40 - 140	20
4,4' -DDT	ND	0.25	102	107	4.8				40 - 140	20
a-BHC	ND	0.15	93	93	0.0				40 - 140	20
Alachlor	ND	0.50	NA	NA	NC				40 - 140	20
Aldrin	ND	0.15	91	92	1.1				40 - 140	20
b-BHC	ND	0.15	87	92	5.6				40 - 140	20
Chlordane	ND	5.0	92	96	4.3				40 - 140	20
d-BHC	ND	0.50	91	94	3.2				40 - 140	20
Dieldrin	ND	0.15	92	96	4.3				40 - 140	20
Endosulfan I	ND	0.50	94	96	2.1				40 - 140	20
Endosulfan II	ND	0.50	94	99	5.2				40 - 140	20
Endosulfan sulfate	ND	0.50	91	95	4.3				40 - 140	20
Endrin	ND	0.50	96	102	6.1				40 - 140	20
Endrin aldehyde	ND	0.50	91	96	5.3				40 - 140	20
g-BHC	ND	0.15	94	95	1.1				40 - 140	20
Heptachlor	ND	0.50	93	95	2.1				40 - 140	20
Heptachlor epoxide	ND	0.50	95	99	4.1				40 - 140	20
Hexachlorobenzene	ND	0.50	75	75	0.0				40 - 140	20
Methoxychlor	ND	0.50	103	112	8.4				40 - 140	20
Toxaphene	ND	20	NA	NA	NC				40 - 140	20
% DCBP	99	%	93	97	4.2				30 - 150	20
% TCMX	86	%	83	80	3.7				30 - 150	20

Comment:

A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate, unless otherwise noted. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane.

QA/QC Batch 396777 (ug/L), QC Sample No: BY75515 (BY79131)

Semivolatiles

1,4-Dichlorobenzene	ND	17	79	76	3.9				30 - 130	20
2,4,5-Trichlorophenol	ND	17	101	97	4.0				30 - 130	20
2,4,6-Trichlorophenol	ND	17	95	93	2.1				30 - 130	20
2,4-Dinitrotoluene	ND	58	106	99	6.8				30 - 130	20
2-Methylphenol (o-cresol)	ND	17	103	97	6.0				30 - 130	20
3&4-Methylphenol (m&p-cresol)	ND	17	91	89	2.2				30 - 130	20
Hexachlorobenzene	ND	58	99	93	6.3				30 - 130	20
Hexachlorobutadiene	ND	58	90	83	8.1				30 - 130	20
Hexachloroethane	ND	58	75	70	6.9				30 - 130	20
Nitrobenzene	ND	58	92	89	3.3				30 - 130	20
Pentachlorophenol	ND	58	74	87	16.1				30 - 130	20
Pyridine	ND	83	77	64	18.4				30 - 130	20
% 2,4,6-Tribromophenol	95	%	96	99	3.1				15 - 110	20

QA/QC Data

SDG I.D.: GBY79131

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% 2-Fluorobiphenyl	93	%		89	86	3.4				30 - 130	20
% 2-Fluorophenol	86	%		82	80	2.5				15 - 110	20
% Nitrobenzene-d5	89	%		87	85	2.3				30 - 130	20
% Phenol-d5	76	%		73	75	2.7				15 - 110	20
% Terphenyl-d14	99	%		93	96	3.2				30 - 130	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 396659 (ug/Kg), QC Sample No: BY78825 2X (BY79131)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33		84	83	1.2	75	81	7.7	40 - 140	30
PCB-1221	ND	33								40 - 140	30
PCB-1232	ND	33								40 - 140	30
PCB-1242	ND	33								40 - 140	30
PCB-1248	ND	33								40 - 140	30
PCB-1254	ND	33								40 - 140	30
PCB-1260	ND	33		99	108	8.7	82	89	8.2	40 - 140	30
PCB-1262	ND	33								40 - 140	30
PCB-1268	ND	33								40 - 140	30
% DCBP (Surrogate Rec)	105	%		108	117	8.0	92	98	6.3	30 - 150	30
% TCMX (Surrogate Rec)	78	%		86	87	1.2	79	84	6.1	30 - 150	30

QA/QC Batch 397351 (ug/L), QC Sample No: BY79131 10X (BY79131)

Chlorinated Herbicides

2,4,5-TP (Silvex)	ND	8.3		93	97	4.2				40 - 140	20
2,4-D	ND	17		78	80	2.5				40 - 140	20
% DCAA (Surrogate Rec)	60	%		62	70	12.1				30 - 150	20

QA/QC Batch 396863 (ug/L), QC Sample No: BY79140 (BY79131 (10X))

Volatiles - TCLP

1,1-Dichloroethene	ND	5.0		95	92	3.2				70 - 130	30
1,2-Dichloroethane	ND	0.60		94	93	1.1				70 - 130	30
Benzene	ND	0.70		92	92	0.0				70 - 130	30
Carbon tetrachloride	ND	5.0		103	101	2.0				70 - 130	30
Chlorobenzene	ND	1.0		90	88	2.2				70 - 130	30
Chloroform	ND	5.0		94	92	2.2				70 - 130	30
Methyl ethyl ketone	ND	5.0		108	110	1.8				70 - 130	30
Tetrachloroethene	ND	1.0		93	92	1.1				70 - 130	30
Trichloroethene	ND	5.0		92	91	1.1				70 - 130	30
Vinyl chloride	ND	5.0		114	110	3.6				70 - 130	30
% 1,2-dichlorobenzene-d4	98	%		100	100	0.0				70 - 130	30
% Bromofluorobenzene	98	%		103	102	1.0				70 - 130	30
% Dibromofluoromethane	99	%		97	98	1.0				70 - 130	30
% Toluene-d8	101	%		102	102	0.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 399286 (mg/Kg), QC Sample No: BY90288 (BY79131)

TPH by GC (Extractable Products) - Soil

Ext. Petroleum HC	ND	50		78	88	12.0	93	95	2.1	30 - 130	30

QA/QC Data

SDG I.D.: GBY79131

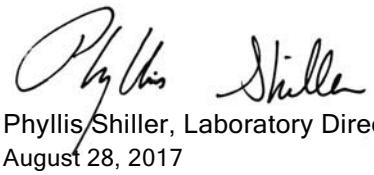
Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% n-Pentacosane	77	%		72	79	9.3	83	86	3.6	50 - 150	30

Comment:

Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference



Phyllis Shiller, Laboratory Director
August 28, 2017

Monday, August 28, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBY79131 - HANSONV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

August 28, 2017 SDG I.D.: GBY79131

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

ETPH Narration

AU-FID21 08/25/17-1: BY79131

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: BY79131
Preceding CC 825A023 - DRO (C10-C28) 91%L (30%)
Succeeding CC 825A034 - None.

The ETPH method allows for one discrimination check standard outlier.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

August 28, 2017

SDG I.D.: GBY79131

The samples in this delivery group were received at 3.5°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]
Temp 3.5 °C Pg of

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
[ ] Fax:
[ ] Phone:
[X] Email: Tgiamichael@aztechenv.com

Customer: Bill To: Hansen-Vanvleet, LLC.
Address: 902 Rt 146
Clifton Park, NY 12065

Project: Tim Bayly Property
Report to: TGIAMICHAEL@AZTECHENV.COM
Invoice to: Hansen VanVleet, LLC

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: R-Strecker Date: 8/4/17

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCLP VOCs 8260	TCLP SVOCs 8270	TCLP Metals 6010	TCLP Pest/Herb 8081/8151	Total PCBs 8082	Flashpoint, corosivity, reactivity, paint filter	VOCS Full list 8260	Svocs Full list 8270				Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (4) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
79131	Water Line Disposal	soil	8/4/2017	12:45	X	X	X	X	X	X							1	3							

Relinquished by:	Accepted by:	Date:	Time:
Ben Strecker	[signature]	4 August 2017	1330
[signature] GZ	[signature] GZ	8/4/17	30
	[signature]	8/4/17	1717

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[X] 5 Days
10 Days
[ ] Other
* SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[ ] NY 375 GWP
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[X] Phoenix Std Report
[ ] Excel
[ ] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] NJ Hazsite EDD
[ ] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[ ] NY Enhanced (ASP B) *
[ ] Other

Comments, Special Requirements or Regulations:

If VOC or SVOC samples exceed 20X rule please run TCLP analysis

Call Tom Giamichael to verify 518-337-7635
Also Copy reprts to
Kirby VanVleet - Kvanvleet@hansonvanvleet.com
Bill Toran - Btoran@aztechenv.com

State where samples were collected: NY

Bobbi Aloisa

From: Buddy Beames <buddy.phoenixlabs@twc.com>
Sent: Friday, August 25, 2017 2:00 PM
To: Bobbi Aloisa
Subject: FW: Water Line Sample Results-Tim Bayly
Attachments: 00085a62.pdf; T Bayly Disposal Characterization Surface Soil Analysis Report.pdf

Can you see if we have sample please to run?
Thank you,

Clarence (Buddy) Beames
Regional Sales Manager
Phoenix Environmental Laboratories, Inc.
Ph: (518) 232-2420
Fax: (518) 792-0033

From: Phoenix NewYork [mailto:phoenixny@phoenixlabs.com]
Sent: Friday, August 25, 2017 1:44 PM
To: Buddy Beames <buddy.phoenixlabs@twc.com>
Subject: FW: Water Line Sample Results-Tim Bayly

From: Bill Toran [mailto:btoran@aztechenv.com]
Sent: Friday, August 25, 2017 12:13 PM
To: Phoenix NewYork
Cc: Tommy Giamichael; Kirby VanVleet
Subject: FW: Water Line Sample Results-Tim Bayly

Buddy/Greg,
See below. My original email to Buddy got kicked back.

Bill Toran
Aztech Environmental Technologies

Please note our new company name and e-mail address.

From: Bill Toran
Sent: Friday, August 25, 2017 12:10 PM
To: 'Buddy Beames' <buddy.phoenixlabs@verizon.net>
Cc: Tommy Giamichael <tgiamichael@aztechenv.com>; 'Kirby VanVleet' <kvanvleet@hansonvanvleet.com>
Subject: FW: Water Line Sample Results-Tim Bayly

Hi Buddy,
Any chance the samples (or usable data) from the 2 attached reports is available for a DRO & GRO analysis?
If so, can we have those run? I realize they're likely out of holding time.
Kirby VanVleet is copied on this in case you need his approval.
Thanks,

Bill Toran
Aztech Environmental Technologies

Please note our new company name and e-mail address.

From: Kirby Van Vleet [mailto:kvanvleet@hansonvanvleet.com]
Sent: Tuesday, August 15, 2017 4:45 PM
To: Bill Toran <btoran@aztechenv.com>; Tommy Giamichael <tgiamichael@aztechenv.com>
Subject: Water Line Sample Results-Tim Bayly

Attached are the results from Phoenix. I didn't look at them yet.
Kirby

Kirby Van Vleet
Vice President/Senior Hydrogeologist

Hanson Van Vleet, LLC
902 Route 146
Clifton Park, NY 12065
Phone: (518) 371-7940
Fax: (518) 371-5885
Cell: (518) 577-5291
E-Mail: kvanvleet@hansonvanvleet.com
www.hansonvanvleet.com

ESMI OF NEW YORK

Customer Usage by Date

Date Run: 10/2/2017
Time Run: 4:30:58PM

Ticket Date	Ticket Number	Truck/Trailer ID	Material ID	Unit	Net	Material	Delivery	Tax/Misc.	Total
Customer: ATT10			AZTECH TECHNOLOGIES						
Order: 10438			T. BAYLY DEVELOPMENT						
			800 BROADWAY			RENSSELAER	NY	12144	
9/29/17	2720773	MC-53	UF01		1.500	tn			
07 URBAN FILL Totals					1.500	tn			
Total Tickets: 1									
T. BAYLY DEVELOPMENT, LLC Totals					1.500	tn			
Total Tickets: 1									
AZTECH TECHNOLOGIES INC. Totals					1.500	tn			
Total Tickets: 1									
Grand Totals					1.500	tn			
Total Tickets: 1									

ESMI OF NEW YORK
304 Towpath Road

Fort Edward, New York 12828

(518)747-5500

Ticket No :2720773
Date :9/29/17

Max. Acceptable Soil: 150.00

Customer: ATT10
AZTECH TECHNOLOGIES INC.
5 McCrea Hill Rd

Ballston Spa, NY 12020

Job No : 10438
T. BAYLY DEVELOPMENT, LLC
800 BROADWAY
RENSSELAER NY 12144

Running Tonnage: 34.94

Truck : MC-53 MC ENVIRONMENTAL
Location: DEFAULT

Gross : 20100 lb Scale 1 In
Tare : 17100 lb STORED Out

Net : 3000 lb
1.500 tn

Weigh Master: DONELLA_FISHER

License # 603581

Donella L Fisher

Material $
Delivery $
Misc $
Tax $
Total $

Remarks:

Signature:

MATERIAL	QTY	UNIT-$	DELIVERY-$	MISC-$	TAX-$	TOTAL-$
07 URBAN FILL	1.500 tn					

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A	1	800-451-8984	092917-S1

GENERATOR

5. Generator's Name and Mailing Address: T.Bayle Development, LLC.
800 Broadway
Rensselaer, NY 12144 USA

Generator's Site Address (if different than mailing address): Same

Generator's Phone: 518-747-5500

6. Transporter 1 Company Name: MC Environmental Services, Inc.
U.S. EPA ID Number: NYR000021071

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: ESMI OF NEW YORK
304 TOWPATH ROAD
FORT EDWARD, NY 12828 USA
U.S. EPA ID Number: N/A

Facility's Phone: 518-747-5500

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Petroleum Contaminated Soil	1	DT	1.50	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Terrance L Gibson
Signature: Terrance L. Gibson
Month: 9 Day: 29 Year: 2017

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: John Kemble
Signature:
Month: 9 Day: 29 Year: 17

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Donella L Fisher
Signature: Donella L Fisher
Month: 9 Day: 29 Year: 17

APPENDIX F

WELL ABANDONMENT LOGS

FIGURE 3

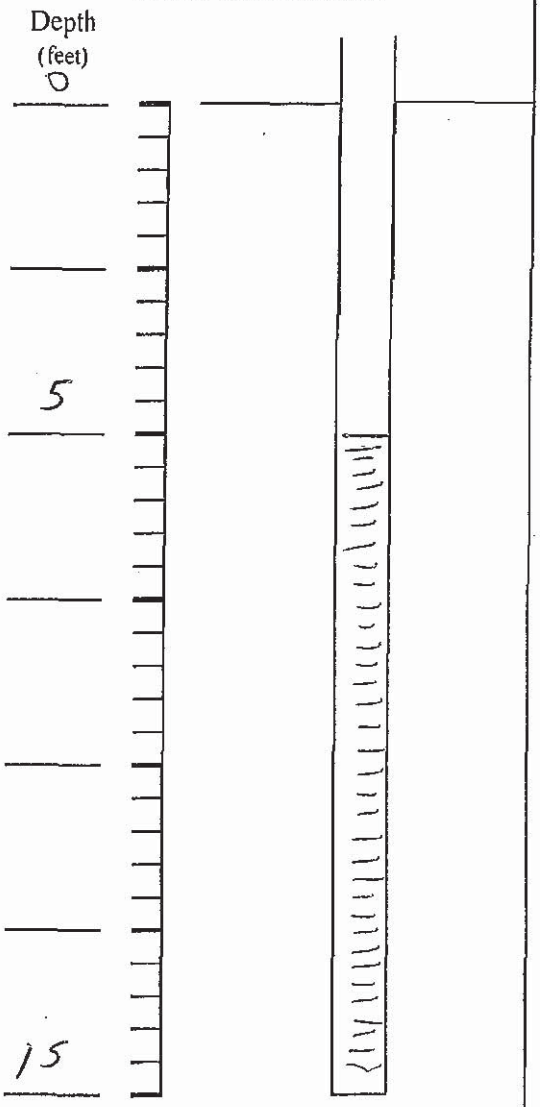
WELL DECOMMISSIONING RECORD

Site Name: Tim Bayly Property	Well I.D.: MW-1
Site Location: 300 Broadway, Rensselaer, NY	Driller: Jeff. M.
Drilling Co.: Aztech Environmental	Inspector: Ba S.
	Date: 8/4/14

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	hand
Casing retrieved (feet)	15
Casing type/dia. (in)	2"
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	15
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	Portland
Quantity of bentonite used (lbs.)	12
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	5
Volume of grout used (gal.)	5

WELL SCHEMATIC*



COMMENTS: PVC pulled with rig, grout Bentonite mix used to fill up to 6" below existing side walk, concrete used to fill side walk.

* Sketch in all relevant decommissioning data, including interval overdrilled, interval grouted, casing left in hole, well stickup, etc

Drilling Contractor

Department Representative

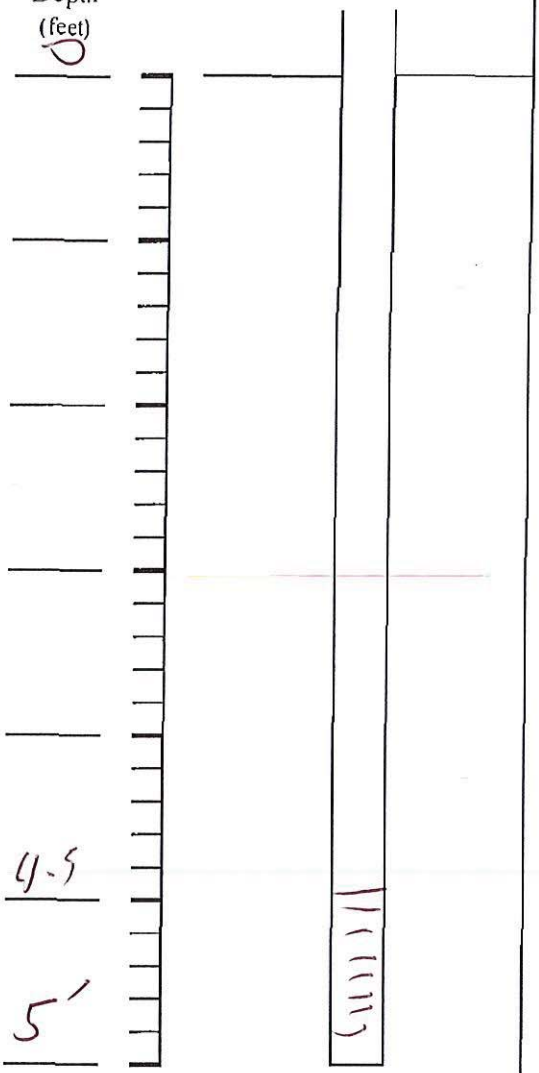
FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: Tim Bayly Property	Well I.D.: SV-1
Site Location: 800 Broadway, Rensselaer, NY	Driller: Jeff. M.
Drilling Co.: Aztech Environmental	Inspector: Ben S.
	Date: 8/4/17

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	hand
Casing retrieved (feet)	3'
Casing type/dia. (in)	1/8" rubber tubing
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	
# of batches prepared	
For each batch record:	
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	3
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS: filled in hole from tubing with bentonite, hydrated

* Sketch in all relevant decommissioning data, including interval overdrilled, interval grouted, casing left in hole, well stickup, etc

Drilling Contractor

Department Representative

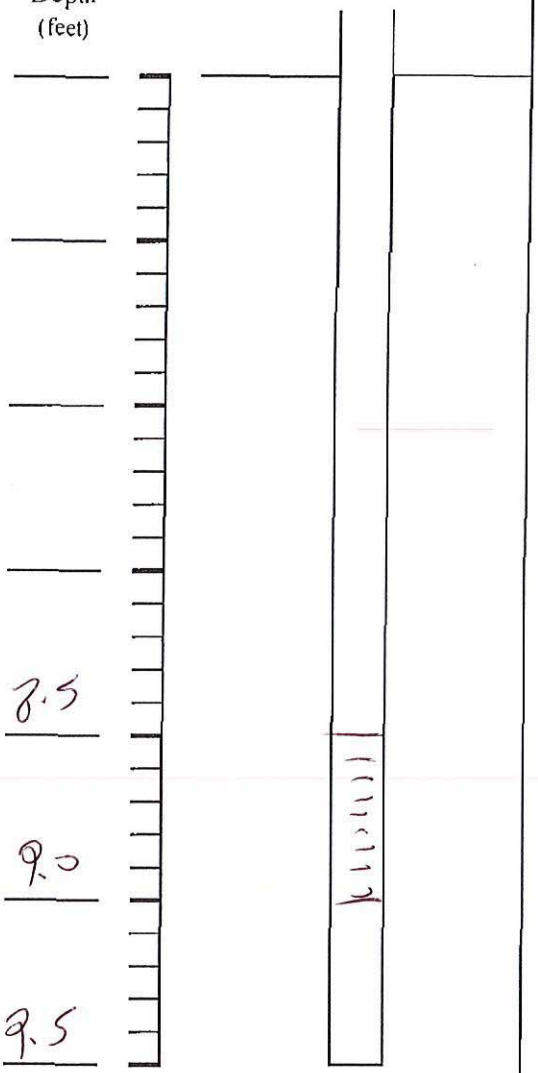
FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: Tim Bayly Property	Well I.D.: SV-05
Site Location: 800 Broadway, Rensselaer, NY	Driller: Jeff M.
Drilling Co.: Aztech Environmental	Inspector: B. S.
	Date: 8/4/14

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	hand
Casing retrieved (feet)	8'
Casing type/dia. (in)	1/8"
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	
# of batches prepared	
For each batch record:	
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	4
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS: filled hole left from tubing with bentonite, hydrated

* Sketch in all relevant decommissioning data, including interval overdrilled, interval grouted, casing left in hole, well stickup, etc

Drilling Contractor

Department Representative

FIGURE 3

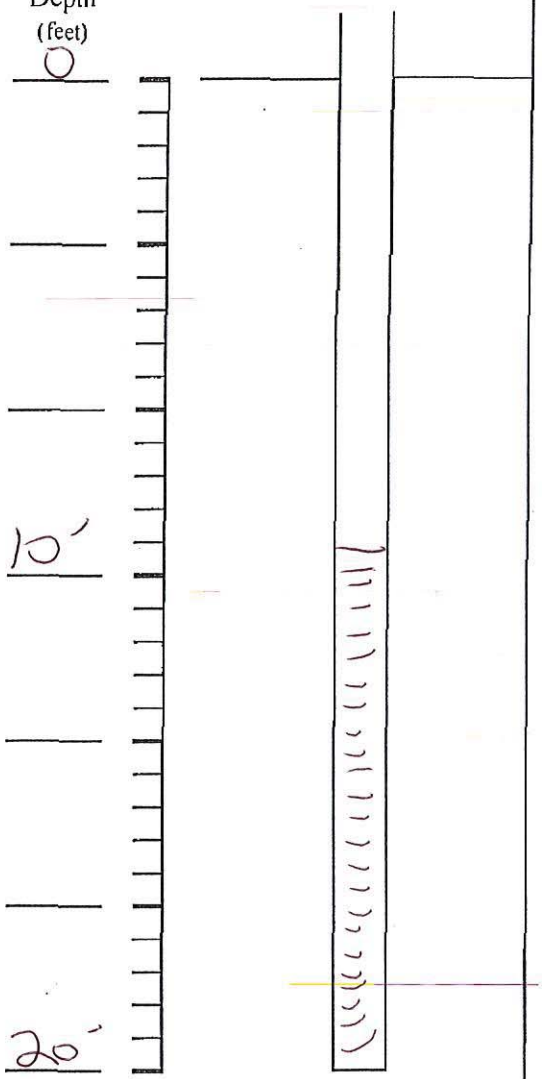
WELL DECOMMISSIONING RECORD

Site Name: Tim Bayly Property	Well I.D.: MW-8
Site Location: 800 Broadway, Rensselaer, NY	Driller: Jeff. M.
Drilling Co.: Aztech Environmental	Inspector: Ben S.
	Date: 8/4/17

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	hand
Casing retrieved (feet)	20'
Casing type/dia. (in)	2"
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	19.75
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	portland
Quantity of bentonite used (lbs.)	12
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	5
Volume of grout used (gal.)	5

WELL SCHEMATIC*



COMMENTS: PVC well pulled with rig, grout bentonite mix used to fill borehole up to 4" below top of side walk, concrete used for last 4" to make existing side walk

* Sketch in all relevant decommissioning data, including interval overdrilled, interval grouted, casing left in hole, well stickup, etc

Drilling Contractor

Department Representative

FIGURE 3

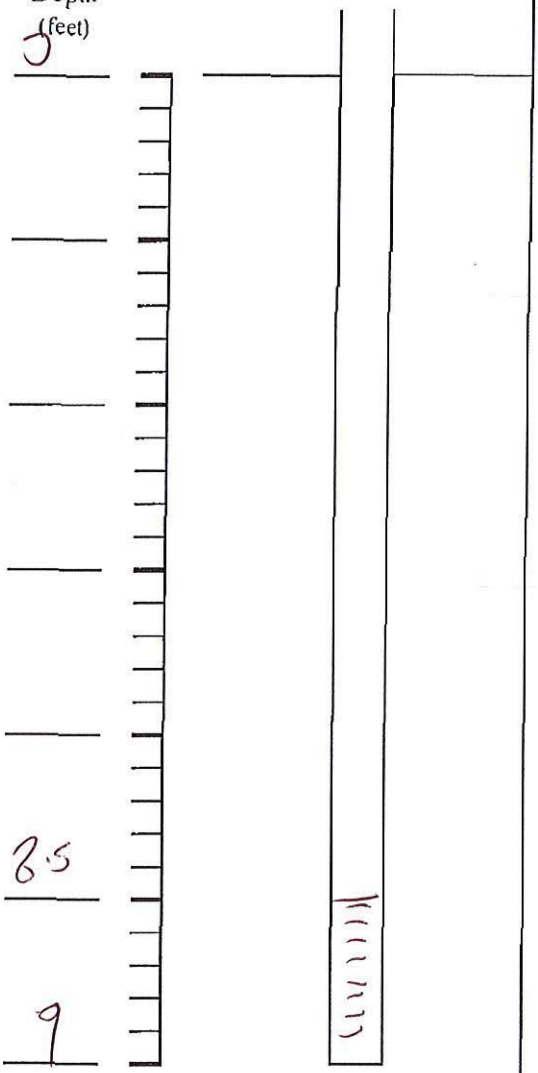
WELL DECOMMISSIONING RECORD

Site Name: Tim Bayly Property	Well I.D.: SV-4
Site Location: 800 Broadway, Rensselaer, NY	Driller: Jeff M.
Drilling Co.: Aztech Environmental	Inspector: Ben S.
	Date: 8/4/17

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	hand
Casing retrieved (feet)	3'
Casing type/dia. (in)	1/8" tubing
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	
# of batches prepared	
For each batch record:	
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	2
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS: filled hole from tubbing with bentonite and hydrated

* Sketch in all relevant decommissioning data, including interval overdrilled, interval grouted, casing left in hole, well stickup, etc

Drilling Contractor

Department Representative

FIGURE 3

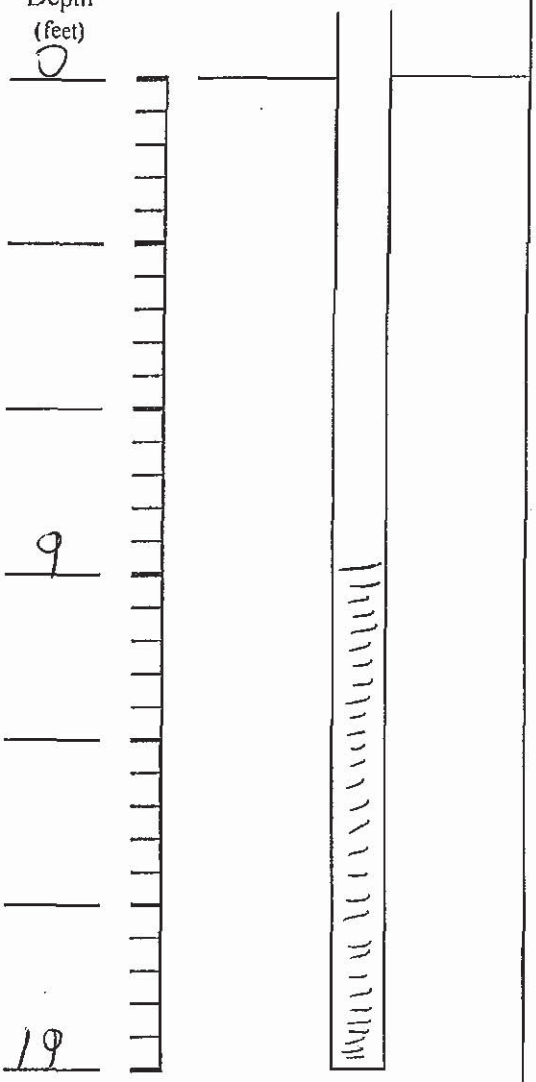
WELL DECOMMISSIONING RECORD

Site Name: Tim Bayl Property	Well I.D.: MW-4
Site Location: 300 Broadway, Rensselaer, NY	Driller: Jeff M.
Drilling Co.: Aztech Environmental	Inspector: Ben S.
	Date: 8/4/17

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	hmd
Casing retrieved (feet)	19'
Casing type/dia. (in)	2"
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	18.5
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	Portland
Quantity of bentonite used (lbs.)	8
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	5
Volume of grout used (gal.)	5

WELL SCHEMATIC*



COMMENTS: PVC pulled by ~~hand~~ rig, grout Bentonite mix used to fill bore holes until 6" below top of side walk, Concrete used to fill to top of Concrete.

* Sketch in all relevant decommissioning data, including interval overdrilled, interval grouted, casing left in hole, well stickup, etc

Drilling Contractor

Department Representative

FIGURE 3

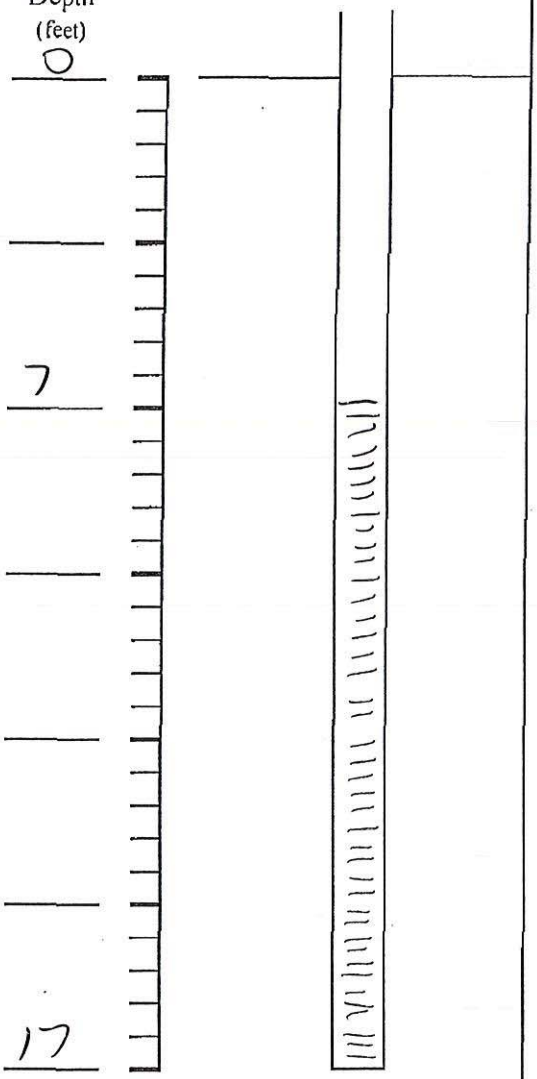
WELL DECOMMISSIONING RECORD

Site Name: Tim Bayly Property	Well I.D.: MW-3
Site Location: 800 Broadway, Rensselaer, NY	Driller: Jeff Mc
Drilling Co.: Aztech Environmental	Inspector: Ben S.
	Date: 8/4/17

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	hand
Casing retrieved (feet)	17'
Casing type/dia. (in)	2"
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	16.5
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	Portland
Quantity of bentonite used (lbs.)	8
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	5
Volume of grout used (gal.)	5

WELL SCHEMATIC*



COMMENTS: PVC Well Pulled with rig, grout bentonite mix used to fill bore hole up to 6' with top of hole, Concrete use for last 6" to top of grade

* Sketch in all relevant decommissioning data, including interval overdrilled, interval grouted, casing left in hole, well stickup, etc

Drilling Contractor

Department Representative

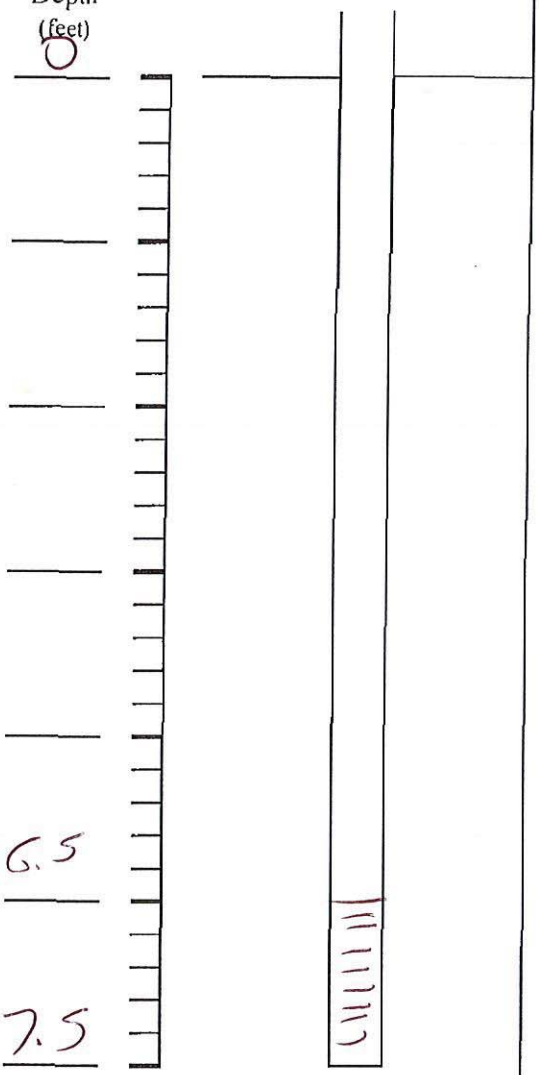
FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: Tim Bapp Property	Well I.D.: SV-03
Site Location: 300 Broadway, Rensselaer, NY	Driller: Jeff Mc
Drilling Co.: Aztech Environmental	Inspector: Ben S.
	Date: 8/4/17

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	mud
Casing retrieved (feet)	3'
Casing type/dia. (in)	1/8 tubing
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	
# of batches prepared	
For each batch record:	
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	2
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS: filled in hole left from tubing with bentonite, hydrated

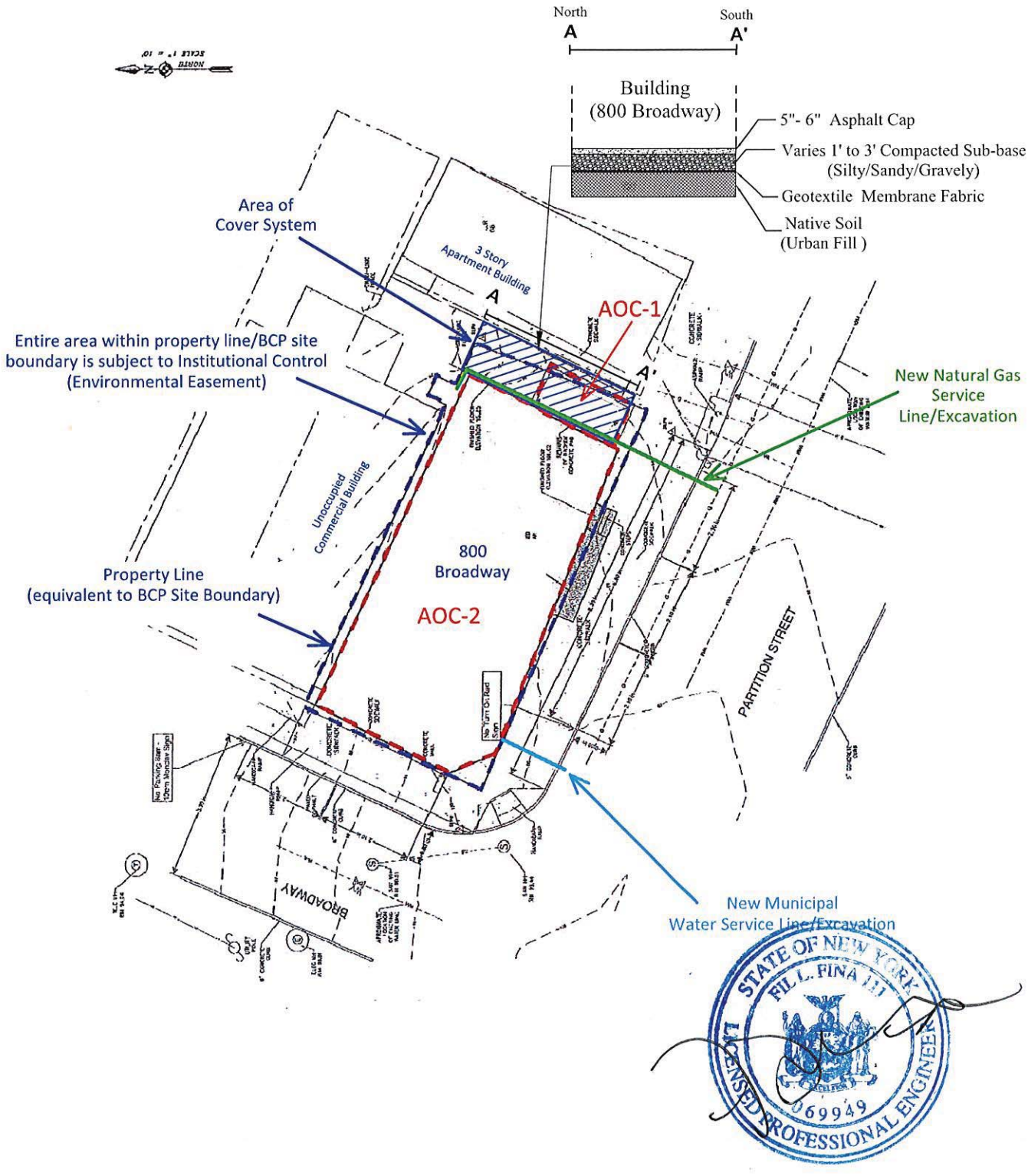
* Sketch in all relevant decommissioning data, including interval overdrilled, interval grouted, casing left in hole, well stickup, etc

Drilling Contractor

Department Representative

APPENDIX G

AS-BUILT DRAWINGS



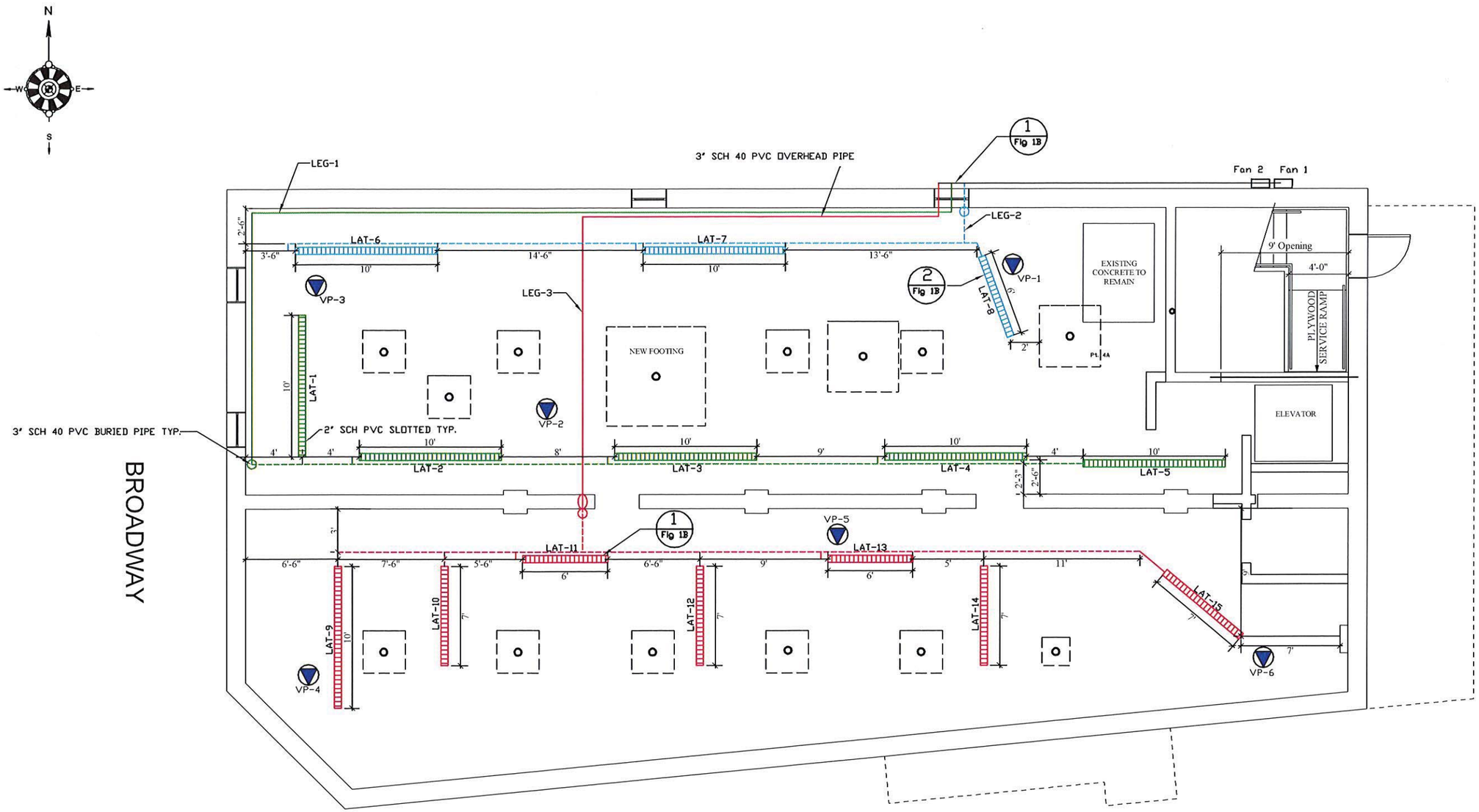
As-Built 1
Cover System - AOC 1

Aztech Environmental

5 McCrea Hill Road, Ballston Spa, NY 12020
518 885-5383 | aztechenv.com

T. Bayly property - 800 Broadway, Rensselaer, New York

October 27, 2017 | Scale: 1/8" = 1'



FIL L. FINA III
069949

KEY

- ▼ - Vacuum Monitoring Point
- 🟥 - Above Ground Pipe Run
- - - - - Subsurface Pipe Run

AS-BUILT 2A

SSD SYSTEM LAYOUT - ASBUILT DRAWING

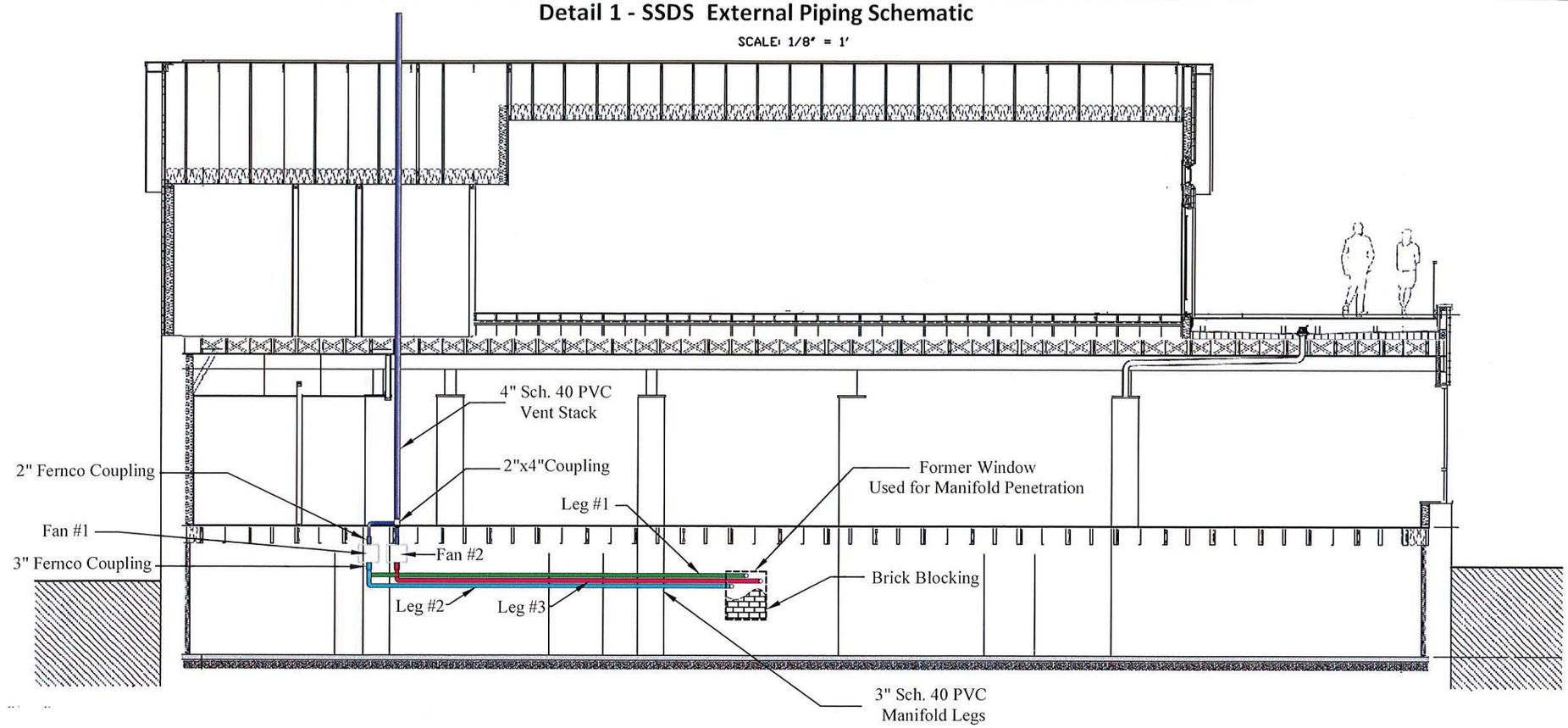
Aztech Environmental
TECHNOLOGIES
Woman Owned Business
5 McCrea Hill Road, Ballston Spa, NY 12020
518.885-5383 | aztechenv.com

T. Bayly property - 800 Broadway, Rensselaer, New York

October 30, 2017 | Scale: 1/8" = 1'

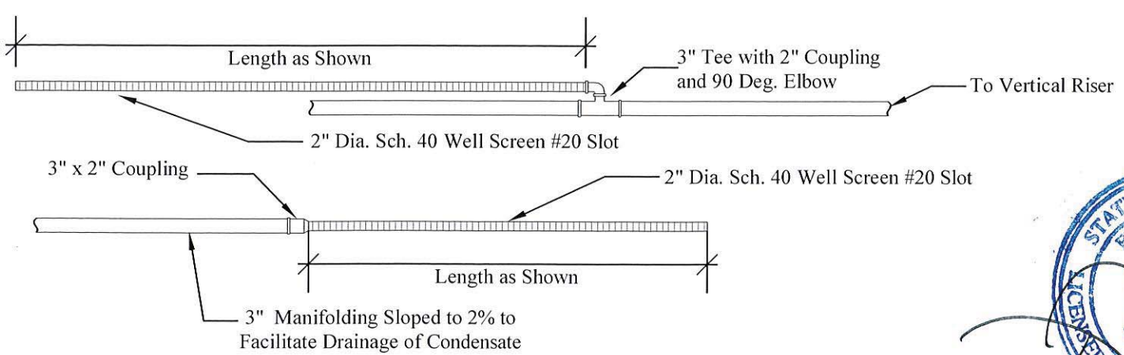
Detail 1 - SSDS External Piping Schematic

SCALE: 1/8" = 1'



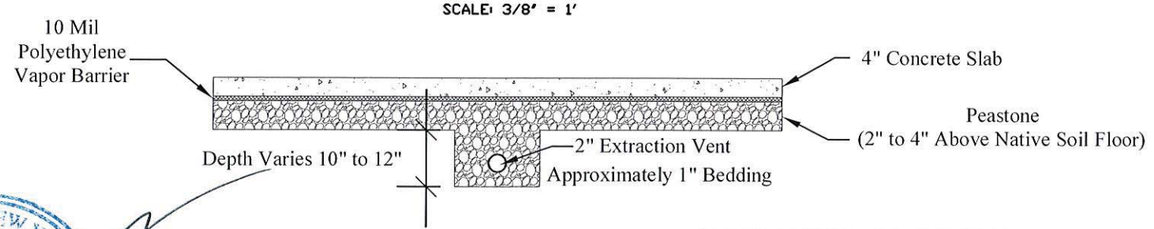
Detail 2 - SSDS Typical Exraction Vent Schematic

SCALE: 3/8" = 1'



Detail 3 - SSDS Typical Exraction Vent Schematic

SCALE: 3/8" = 1'



STATE OF NEW YORK
FIL L. FINA III
069949
LICENSED PROFESSIONAL ENGINEER

AS-BUILT 2B

SSD SYSTEM LAYOUT - ASBUILT DRAWING DETAILS

Aztech Environmental
TECHNOLOGIES
Woman Owned Business
5 McCrea Hill Road, Ballston Spa, NY 12020
518.885-5383 | aztechenv.com

T. Bayly property - 800 Broadway, Rensselaer, New York

October 30, 2017 | Scale: As Shown

APPENDIX H

ENVIRONMENTAL EASEMENT

Rensselaer County
Frank J Merola
County Clerk
Troy, New York 12180

60 2017 00523795

Volm-8337 Pg-334

Instrument Number: 2017- 00523795

As

Recorded On: October 27, 2017 **Easement**

Parties: TIM BAYLY DEVELOPMENT LLC

To

PEOPLE OF THE STATE OF NEW YORK -COMMISSIONER OF THE DE

Billable Pages: 9

Recorded By: TIM BAYLY

Num Of Pages: 10

Comment:

**** Examined and Charged as Follows: ****

Easement	85.00	Coversheet	5.00	TP584 Affidavit	5.00		
Recording Charge:	**95.00**						

	Amount	Consideration Amount	RS#/CS#				
Tax-Transfer	0.00	0.00	RS 1276	Basic	0.00		
RENSSELAER				Local	0.00	Special Additional	0.00
				Additional	0.00	Transfer	0.00
Tax Charge:	**0.00**						

**** THIS PAGE IS PART OF THE INSTRUMENT ****

I hereby certify that the within and foregoing was recorded in the Clerk's Office For: Rensselaer County, NY

File Information:

Document Number: 2017- 00523795
Receipt Number: 1098259
Recorded Date/Time: October 27, 2017 01:32:21P
Book-Vol/Pg: Bk-R Vl-8337 Pg-334
Cashier / Station: M L / Cashier Station 2

Record and Return To:

TIM BAYLY
37 PARTITION STREET
FLOOR 1
RENSSELAER NY 12144

RENSSELAER COUNTY • INCORPORATED 1791 •

Frank J. Merola
Rensselaer County Clerk

County: Rensselaer Site No: C442043 Brownfield Cleanup Agreement Index : C442043-06-14

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 27th day of October, 2017 between Owner(s) Tim Bayly Development LLC, having an office at 360 W. 34th Street, New York, New York 10001, County of New York, State of New York (the "Grantor"), and The People of the State of New York (the "Grantee"), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of 800 Broadway in the City of Rensselaer, County of Rensselaer and State of New York, known and designated on the tax map of the County Clerk of Rensselaer as tax map parcel numbers: Section 143.52 Block 3 Lot 18, being the same as that property conveyed to Grantor by deed dated April 29, 2013 and recorded in the Rensselaer County Clerk's Office in Liber and Page 6811/218. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 0.081 +/- acres, and is hereinafter more fully described in the Land Title Survey dated August 31, 2017 prepared by Timothy J. McAlonen, L.L.S. of Environmental Design Partnership, LLP, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is

extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: C442043-06-14, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Rensselaer County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining

contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation

Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her 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

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against

the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:

Site Number: C442043
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the

recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

Remainder of Page Intentionally Left Blank

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

Tim Bayly Development LLC:

By: _____

Print Name: TIMOTHY BAYLY

Title: SOLE MEMBER Date: 10/18/17

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF Albany)

On the 18th day of October, in the year 2017, before me, the undersigned, personally appeared Timothy Bayly, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Katherine A Vogel
Notary Public - State of New York

KATHERINE A. VOGEL
Notary Public, State of New York
No. 01VO4831480
Qualified in Albany County
Commission Expires Feb. 28, 2018

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____

Robert W. Schick, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 27th day of October, in the year 2017, before me, the undersigned, personally appeared Robert W. Schick, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

David J. Chiusano
Notary Public, State of New York
No. 01CH5032146
Qualified in Schenectady County
Commission Expires August 22, 2018

SCHEDULE "A" PROPERTY DESCRIPTION

SURVEY DESCRIPTION
LANDS OF TIM BAYLY DEVELOPMENT LLC
LOCATED 800 BROADWAY
CITY OF RENSSELAER, NY

ALL THAT CERTAIN TRACT, PIECE OR PARCEL OF LAND SITUATE in the City of Rensselaer, County of Rensselaer, State of New York lying at the intersection of the easterly line of Broadway and the northerly line of Partition Street and being further bounded and described as follows:

Beginning at the point of intersection of the easterly line of Broadway with the northerly line of Partition Street;

Thence from said *Point of Beginning* along said easterly line of Broadway, North 23 deg. 40 min. 40 sec. East, 43.50 feet to the point of intersection of said easterly line with the common division line of lands now or formerly of 810 Broadway, LLC as conveyed in Book 5441 of Deeds at Page 302 to the north and the parcel of land herein being described to the south;

Thence along the common division line of said lands of 810 Broadway, LLC generally to the north and east and the parcel of land herein being described generally to the south and west the following six (6) courses and distances:

1) South 65 deg. 20 min. 40 sec. East, 71.80 feet to a point;

2) North 24 deg. 39 min. 20 sec. East, 4.68 feet to a point;

3) South 65 deg. 20 min. 40 sec. East, 4.90 feet to a point;

4) South 24 deg. 39 min. 20 sec. West, 4.68 feet to a point;

5) South 65 deg. 20 min. 40 sec. East, 10.00 feet to a point;

6) South 17 deg. 52 min. 00 sec. West, 36.24 feet to a point in the northerly line of Partition Street;

Thence along said northerly line of Partition Street, North 70 deg. 06 min. 10 sec. West, 90.55 feet to the point or place of beginning of said *parcel* and containing 3,548± square feet or 0.081± acres of land.

Said *parcel* made subject to any and all enforceable covenants, conditions, easements and restrictions of record as they may appear.

TP-584 (4/13)

New York State Department of Taxation and Finance

Combined Real Estate Transfer Tax Return, Credit Line Mortgage Certificate, and Certification of Exemption from the Payment of Estimated Personal Income Tax

Recording office time stamp

Filed for Record in: Rensselaer County
Recorded At: Oct 27,2017 01:32P
Type: TP584 Affidavit
Doc #: 00523795
Amount: 5.00
Receipt #: 1098259

See Form TP-584-I, Instructions for Form TP-584, *before completing this form. Print or type.*

Schedule A — Information relating to conveyance

Grantor/Transferor ☐ Individual ☐ Corporation ☐ Partnership ☐ Estate/Trust ☐ Single member LLC ☒ Other	Name *(if individual, last, first, middle initial)* (☐ *check if more than one grantor*) Tim Bayly Development, LLC			Social security number
	Mailing address 360 West 34th Street, Apt. 11C			Social security number
	City New York	State NY	ZIP code 10001	Federal EIN 46-0986038
	Single member's name if grantor is a single member LLC *(see instructions)*			Single member EIN or SSN
Grantee/Transferee ☐ Individual ☐ Corporation ☐ Partnership ☐ Estate/Trust ☐ Single member LLC ☒ Other	Name *(if individual, last, first, middle initial)* (☐ *check if more than one grantee*) The People of The State of New York			Social security number
	Mailing address 625 Broadway			Social security number
	City Albany	State NY	ZIP code 12233	Federal EIN 14-6003207
	Single member's name if grantee is a single member LLC *(see instructions)*			Single member EIN or SSN

Location and description of property conveyed

Tax map designation – Section, block & lot *(include dots and dashes)*	SWIS code (six digits)	Street address	City, town, or village	County
143.52-3-18	381400	800 Broadway	Rensselaer	Rensselaer

Type of property conveyed *(check applicable box)*

1 ☐ One- to three-family house
2 ☐ Residential cooperative
3 ☐ Residential condominium
4 ☐ Vacant land
5 ☒ Commercial/Industrial
6 ☐ Apartment building
7 ☐ Office building
8 ☐ Other _____

Date of conveyance: 10 (month) 27 (day) 2017 (year)

Percentage of real property conveyed which is residential real property _____ % *(see instructions)*

Condition of conveyance *(check all that apply)*

a. ☐ Conveyance of fee interest
b. ☐ Acquisition of a controlling interest (state percentage acquired _____ %)
c. ☐ Transfer of a controlling interest (state percentage transferred _____ %)
d. ☐ Conveyance to cooperative housing corporation
e. ☐ Conveyance pursuant to or in lieu of foreclosure or enforcement of security interest *(attach Form TP-584.1, Schedule E)*
f. ☐ Conveyance which consists of a mere change of identity or form of ownership or organization *(attach Form TP-584.1, Schedule F)*
g. ☐ Conveyance for which credit for tax previously paid will be claimed *(attach Form TP-584.1, Schedule G)*
h. ☐ Conveyance of cooperative apartment(s)
i. ☐ Syndication
j. ☐ Conveyance of air rights or development rights
k. ☐ Contract assignment
l. ☐ Option assignment or surrender
m. ☐ Leasehold assignment or surrender
n. ☐ Leasehold grant
o. ☒ Conveyance of an easement
p. ☐ Conveyance for which exemption from transfer tax claimed *(complete Schedule B, Part III)*
q. ☐ Conveyance of property partly within and partly outside the state
r. ☐ Conveyance pursuant to divorce or separation
s. ☐ Other *(describe)* _____

For recording officer's use	Amount received Schedule B., Part I $ _____ Schedule B., Part II $	Date received	Transaction number
		10/27/17	RS1276

Schedule B — Real estate transfer tax return (Tax Law, Article 31)

Part I – Computation of tax due

1	Enter amount of consideration for the conveyance *(if you are claiming a total exemption from tax, check the exemption claimed box, enter consideration and proceed to Part III)* ☒ **Exemption claimed**	1.	
2	Continuing lien deduction *(see instructions if property is taken subject to mortgage or lien)*	2.	
3	Taxable consideration *(subtract line 2 from line 1)*	3.	
4	Tax: $2 for each $500, or fractional part thereof, of consideration on line 3	4.	
5	Amount of credit claimed for tax previously paid *(see instructions and attach Form TP-584.1,* Schedule G*)*	5.	
6	Total tax due* *(subtract line 5 from line 4)*	6.	

Part II – Computation of additional tax due on the conveyance of residential real property for $1 million or more

1	Enter amount of consideration for conveyance *(from* Part I*, line 1)*	1.	
2	Taxable consideration *(multiply line 1 by the percentage of the premises which is residential real property, as shown in* Schedule A*)*	2.	
3	Total additional transfer tax due* *(multiply line 2 by 1% (.01))*	3.	

Part III – Explanation of exemption claimed on Part I, line 1 *(check any boxes that apply)*

The conveyance of real property is exempt from the real estate transfer tax for the following reason:

a. Conveyance is to the United Nations, the United States of America, the state of New York, or any of their instrumentalities, agencies, or political subdivisions (or any public corporation, including a public corporation created pursuant to agreement or compact with another state or Canada) ..... a ☐

b. Conveyance is to secure a debt or other obligation ..... b ☐

c. Conveyance is without additional consideration to confirm, correct, modify, or supplement a prior conveyance ..... c ☒

d. Conveyance of real property is without consideration and not in connection with a sale, including conveyances conveying realty as bona fide gifts ..... d ☐

e. Conveyance is given in connection with a tax sale ..... e ☐

f. Conveyance is a mere change of identity or form of ownership or organization where there is no change in beneficial ownership. (This exemption cannot be claimed for a conveyance to a cooperative housing corporation of real property comprising the cooperative dwelling or dwellings.) Attach Form TP-584.1, Schedule F ..... f ☐

g. Conveyance consists of deed of partition ..... g ☐

h. Conveyance is given pursuant to the federal Bankruptcy Act ..... h ☐

i. Conveyance consists of the execution of a contract to sell real property, without the use or occupancy of such property, or the granting of an option to purchase real property, without the use or occupancy of such property ..... i ☐

j. Conveyance of an option or contract to purchase real property with the use or occupancy of such property where the consideration is less than $200,000 and such property was used solely by the grantor as the grantor's personal residence and consists of a one-, two-, or three-family house, an individual residential condominium unit, or the sale of stock in a cooperative housing corporation in connection with the grant or transfer of a proprietary leasehold covering an individual residential cooperative apartment ..... j ☐

k. Conveyance is not a conveyance within the meaning of Tax Law, Article 31, section 1401(e) *(attach documents supporting such claim)* ..... k ☐

*The total tax (from Part I, line 6 and Part II, line 3 above) is due within 15 days from the date conveyance. Please make check(s) payable to the county clerk where the recording is to take place. If the recording is to take place in the New York City boroughs of Manhattan, Bronx, Brooklyn, or Queens, make check(s) payable to the ***NYC Department of Finance.*** If a recording is not required, send this return and your check(s) made payable to the ***NYS Department of Taxation and Finance,*** directly to the NYS Tax Department, RETT Return Processing, PO Box 5045, Albany NY 12205-0045.

Schedule C — Credit Line Mortgage Certificate (Tax Law, Article 11)

Complete the following only if the interest being transferred is a fee simple interest.
I (we) certify that: *(check the appropriate box)*

1. ☒ The real property being sold or transferred is not subject to an outstanding credit line mortgage.

2. ☐ The real property being sold or transferred is subject to an outstanding credit line mortgage. However, an exemption from the tax is claimed for the following reason:
   - ☐ The transfer of real property is a transfer of a fee simple interest to a person or persons who held a fee simple interest in the real property (whether as a joint tenant, a tenant in common or otherwise) immediately before the transfer.
   - ☐ The transfer of real property is (A) to a person or persons related by blood, marriage or adoption to the original obligor or to one or more of the original obligors or (B) to a person or entity where 50% or more of the beneficial interest in such real property after the transfer is held by the transferor or such related person or persons (as in the case of a transfer to a trustee for the benefit of a minor or the transfer to a trust for the benefit of the transferor).
   - ☐ The transfer of real property is a transfer to a trustee in bankruptcy, a receiver, assignee, or other officer of a court.
   - ☐ The maximum principal amount secured by the credit line mortgage is $3,000,000 or more, and the real property being sold or transferred is **not** principally improved nor will it be improved by a one- to six-family owner-occupied residence or dwelling.

     Please note: for purposes of determining whether the maximum principal amount secured is $3,000,000 or more as described above, the amounts secured by two or more credit line mortgages may be aggregated under certain circumstances. See TSB-M-96(6)-R for more information regarding these aggregation requirements.
   - ☐ Other *(attach detailed explanation)*.

3. ☐ The real property being transferred is presently subject to an outstanding credit line mortgage. However, no tax is due for the following reason:
   - ☐ A certificate of discharge of the credit line mortgage is being offered at the time of recording the deed.
   - ☐ A check has been drawn payable for transmission to the credit line mortgagee or his agent for the balance due, and a satisfaction of such mortgage will be recorded as soon as it is available.

4. ☐ The real property being transferred is subject to an outstanding credit line mortgage recorded in _____ (insert liber and page or reel or other identification of the mortgage). The maximum principal amount of debt or obligation secured by the mortgage is _____. No exemption from tax is claimed and the tax of _____ is being paid herewith. *(Make check payable to county clerk where deed will be recorded or, if the recording is to take place in New York City but not in Richmond County, make check payable to the* ***NYC Department of Finance.****)*

Signature (both the grantor(s) and grantee(s) must sign)

The undersigned certify that the above information contained in schedules A, B, and C, including any return, certification, schedule, or attachment, is to the best of his/her knowledge, true and complete, and authorize the person(s) submitting such form on their behalf to receive a copy for purposes of recording the deed or other instrument effecting the conveyance.

Grantor signature	Title	Grantee signature	Title
[signature]	SOLE MEMBER	[signature] Andrew Guglielmi MBE	Attorney
Grantor signature	Title	Grantee signature	Title

Reminder: Did you complete all of the required information in Schedules A, B, and C? Are you required to complete Schedule D? If you checked *e*, *f*, or *g* in Schedule A, did you complete Form TP-584.1? Have you attached your check(s) made payable to the county clerk where recording will take place or, if the recording is in the New York City boroughs of Manhattan, Bronx, Brooklyn, or Queens, to the ***NYC Department of Finance***? If no recording is required, send your check(s), made payable to the ***Department of Taxation and Finance***, directly to the NYS Tax Department, RETT Return Processing, PO Box 5045, Albany NY 12205-0045.

Schedule D - Certification of exemption from the payment of estimated personal income tax (Tax Law, Article 22, section 663)

Complete the following only if a fee simple interest or a cooperative unit is being transferred by an individual or estate or trust.

If the property is being conveyed by a referee pursuant to a foreclosure proceeding, proceed to Part II, and check the second box under *Exemptions for nonresident transferor(s)/seller(s)* and sign at bottom.

Part I - New York State residents

If you are a New York State resident transferor(s)/seller(s) listed in Schedule A of Form TP-584 (or an attachment to Form TP-584), you must sign the certification below. If one or more transferors/sellers of the real property or cooperative unit is a resident of New York State, **each** resident transferor/seller must sign in the space provided. If more space is needed, please photocopy this Schedule D and submit as many schedules as necessary to accommodate all resident transferors/sellers.

Certification of resident transferor(s)/seller(s)

This is to certify that at the time of the sale or transfer of the real property or cooperative unit, the transferor(s)/seller(s) as signed below was a resident of New York State, and therefore is not required to pay estimated personal income tax under Tax Law, section 663(a) upon the sale or transfer of this real property or cooperative unit.

Signature	Print full name Timothy Bayly	Date
Signature	Print full name	Date
Signature	Print full name	Date
Signature	Print full name	Date

Note: A resident of New York State may still be required to pay estimated tax under Tax Law, section 685(c), but not as a condition of recording a deed.

Part II - Nonresidents of New York State

If you are a nonresident of New York State listed as a transferor/seller in Schedule A of Form TP-584 (or an attachment to Form TP-584) but are not required to pay estimated personal income tax because one of the exemptions below applies under Tax Law, section 663(c), check the box of the appropriate exemption below. If any one of the exemptions below applies to the transferor(s)/seller(s), that transferor(s)/seller(s) is not required to pay estimated personal income tax to New York State under Tax Law, section 663. **Each** nonresident transferor/seller who qualifies under one of the exemptions below must sign in the space provided. If more space is needed, please photocopy this Schedule D and submit as many schedules as necessary to accommodate all nonresident transferors/sellers.

If none of these exemption statements apply, you must complete Form IT-2663, *Nonresident Real Property Estimated Income Tax Payment Form*, or Form IT-2664, *Nonresident Cooperative Unit Estimated Income Tax Payment Form.* For more information, see *Payment of estimated personal income tax,* on page 1 of Form TP-584-I.

Exemption for nonresident transferor(s)/seller(s)

This is to certify that at the time of the sale or transfer of the real property or cooperative unit, the transferor(s)/seller(s) (grantor) of this real property or cooperative unit was a nonresident of New York State, but is not required to pay estimated personal income tax under Tax Law, section 663 due to one of the following exemptions:

☐ The real property or cooperative unit being sold or transferred qualifies in total as the transferor's/seller's principal residence (within the meaning of Internal Revenue Code, section 121) from _____ (Date) to _____ (Date) *(see instructions)*.

☐ The transferor/seller is a mortgagor conveying the mortgaged property to a mortgagee in foreclosure, or in lieu of foreclosure with no additional consideration.

☐ The transferor or transferee is an agency or authority of the United States of America, an agency or authority of the state of New York, the Federal National Mortgage Association, the Federal Home Loan Mortgage Corporation, the Government National Mortgage Association, or a private mortgage insurance company.

Signature	Print full name	Date
Signature	Print full name	Date
Signature	Print full name	Date
Signature	Print full name	Date

APPENDIX I

APPROVAL DOCUMENTATION

Approval to Re-Use Basement Soil

From: Tommy Giamichael
Sent: Monday, June 12, 2017 9:58 AM
To: 'Rogers, Margaret O (DEC)' <margaret.rogers@dec.ny.gov>; Bill Toran <btoran@aztechenv.com>
Cc: Kirby VanVleet <kvanvleet@hansonvanvleet.com>; Timothy Bayly <timothy.bayly@gmail.com>; Mustico, Richard X (DEC) <richard.mustico@dec.ny.gov>
Subject: RE: 800 Broadway - SSDS soils

Hi Margaret, Attached is the revised map showing the actual samples collected from the basement floor. Please let me know if you have any questions.

Tommy

Tommy Giamichael
Senior Hydrogeologist/Project Manager | Aztech Environmental Technologies

From: Rogers, Margaret O (DEC) [mailto:margaret.rogers@dec.ny.gov]
Sent: Thursday, June 08, 2017 12:22 PM
To: Bill Toran <btoran@aztechenv.com>
Cc: Kirby VanVleet <kvanvleet@hansonvanvleet.com>; Tommy Giamichael <tgiamichael@aztechenv.com>; Timothy Bayly <timothy.bayly@gmail.com>; Mustico, Richard X (DEC) <richard.mustico@dec.ny.gov>
Subject: RE: 800 Broadway - SSDS soils

Hi Bill,

The results look ok. Please note that, as discussed with Tommy on Tuesday, any soils exhibiting staining, odors, or PID hits should be segregated for further characterization, and not be re-emplaced. Please also note that the sample location map requires revision: Sample #1 was moved to the west due to obstruction, and a sample was taken from the center excavation strip which is not shown on the map.

Should you have any questions, please let me know.

Thanks,

Margaret

Engineering Geologist II, Division of Environmental Remediation

S
Region 4, 1130 North Westcott Road, Schenectady, NY 12306
P: 518-357-2353 | F: 518-357-2398 |Margaret.Rogers@dec.ny.gov

www.dec.ny.gov |

From: Bill Toran [mailto:btoran@aztechenv.com]
Sent: Thursday, June 08, 2017 11:59 AM
To: Rogers, Margaret O (DEC) <margaret.rogers@dec.ny.gov>
Cc: Mustico, Richard X (DEC) <richard.mustico@dec.ny.gov>; 'Kirby VanVleet' <kvanvleet@hansonvanvleet.com>; 'Timothy Bayly' <timothy.bayly@gmail.com>; Joshua Wainman <jwainman@waiconstruction.com>; Tommy Giamichael <tgiamichael@aztechenv.com>; Andrew Talbot <atalbot@aztechenv.com>
Subject: RE: 800 Broadway - SSDS soils

Hi Margaret,
Attached is the draft report from the lab for the soil samples collected from the basement floor on Tuesday June 6th. The BF-3 sample had a few SVOC detections:

- Flouranthene – 350 ppb
- Phenanthrene – 350 ppb
- Pyrene – 310 ppb

These are all well below the Subpart 375-6 cleanup objectives which range from 100,000 ppb for residential/residential restricted to 500,000 ppb for commercial.
The remaining samples were non-detect.
Please let us know if these results are acceptable and if we may use the soil excavated within the basement for filling in low areas as previously described in Tommy's May 31st email.
Thank you,

Bill Toran
Aztech Environmental Technologies

Please note our new company name and e-mail address.

From: Tommy Giamichael
Sent: Thursday, June 01, 2017 7:21 AM
To: Rogers, Margaret O (DEC) <margaret.rogers@dec.ny.gov>
Cc: Mustico, Richard X (DEC) <richard.mustico@dec.ny.gov>; Bill Toran <btoran@aztechenv.com>; 'Kirby VanVleet' <kvanvleet@hansonvanvleet.com>; 'Timothy Bayly' <timothy.bayly@gmail.com>; Joshua Wainman <jwainman@waiconstruction.com>
Subject: RE: 800 Broadway - SSDS soils

Margaret, Attached is a proposed sampling map. The four (4) samples will be collected from the 0 to 12 inch interval and submitted to the lab for 8260 and 8270. TCLP analysis will only be run if there is an analyte detected that exceeds the 20x rule.

Please confirm you are in agreement with the proposed sample layout and analysis. Let me know if you need any adjustment.

Will you be planning to meet me for the sampling event next Tuesday?

Tommy

Tommy Giamichael
Senior Hydrogeologist/Project Manager | Aztech Environmental Technologies

From: Rogers, Margaret O (DEC) [mailto:margaret.rogers@dec.ny.gov]
Sent: Wednesday, May 31, 2017 5:12 PM
To: Tommy Giamichael <tgiamichael@aztechenv.com>
Cc: Mustico, Richard X (DEC) <richard.mustico@dec.ny.gov>
Subject: RE: 800 Broadway - SSDS soils

Hi again Tommy,

Got your message. One of the samples should be biased toward the (assumed) base of the former dry cleaning equipment. The rest should be representative of the additional proposed excavation areas which you had indicated on the figure you sent me. Sample results may be compared to levels previously established as "Contained-Out"; soils from areas where contraventions are indicated, and/or any apparent "source areas," must be segregated for appropriate disposal.

Could you please forward a map indicating the proposed sample locations?

Please call if you have any questions.

Thanks,

Margaret

Engineering Geologist II, Division of Environmental Remediation

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Region 4, 1130 North Westcott Road, Schenectady, NY 12306
P: 518-357-2353 | F: 518-357-2398 |Margaret.Rogers@dec.ny.gov

www.dec.ny.gov |

From: Tommy Giamichael [mailto:tgiamichael@aztechenv.com]
Sent: Wednesday, May 31, 2017 4:36 PM
To: Rogers, Margaret O (DEC) <margaret.rogers@dec.ny.gov>
Cc: Mustico, Richard X (DEC) <richard.mustico@dec.ny.gov>; 'Timothy Bayly' <timothy.bayly@gmail.com>; Joshua Wainman <jwainman@waiconstruction.com>; 'Kirby VanVleet' <kvanvleet@hansonvanvleet.com>; Bill Toran <btoran@aztechenv.com>
Subject: RE: 800 Broadway - SSDS soils

Hi Margaret, This email is to follow up with the voicemail I just left you. Would collecting four (4) individual discrete samples from the 0 to 12 inch interval satisfy the department, pending results, for the re-grading of the material onsite?

If so, I can perform the sampling early next week (Tuesday). If you are available, you can meet me there to oversee the sampling.

I also want to reiterate that any soil disturbed, will still be graded beneath the SSDS membrane, effectively mitigating any concerns with soil gas.

Please let me know your thoughts on the sampling and we can coordinate.

Thanks, Tommy

Tommy Giamichael
Senior Hydrogeologist/Project Manager | Aztech Environmental Technologies

From: Rogers, Margaret O (DEC) [mailto:margaret.rogers@dec.ny.gov]
Sent: Wednesday, May 31, 2017 3:25 PM
To: Tommy Giamichael <tgiamichael@aztechenv.com>
Cc: Mustico, Richard X (DEC) <richard.mustico@dec.ny.gov>
Subject: RE: 800 Broadway - SSDS soils

Thanks, Tommy. My concern is that we have no analytical results from this interval (i.e. 0 -12" bgs) for the three basement borings (MW-9, -10, and -11), and the Department does not allow compositing for VOC analysis.

Margaret

From: Tommy Giamichael [mailto:tgiamichael@aztechenv.com]
Sent: Wednesday, May 31, 2017 1:59 PM
To: Rogers, Margaret O (DEC) <margaret.rogers@dec.ny.gov>
Cc: Mustico, Richard X (DEC) <richard.mustico@dec.ny.gov>; 'Kirby VanVleet' <kvanvleet@hansonvanvleet.com>; Bill Toran <btoran@aztechenv.com>; 'Timothy Bayly' <timothy.bayly@gmail.com>; Joshua Wainman <jwainman@waiconstruction.com>
Subject: RE: 800 Broadway - SSDS soils

Hi Margaret, The composite samples were taken from between the surface and approximately 12 inches below ground surface. I blended the four (4) samples in a large Ziploc baggie before jarring, and also checked them with PID, The highest reading was 0.02 ppm.

Attached is a map I just roughly marked up in CAD showing the approximate cut and fill areas based on the SSDS layout and footing locations. Actual cut and fill locations will be documented in the field and finalized on a map.

Let me know if you have any other questions.

Tommy Giamichael
Senior Hydrogeologist/Project Manager | Aztech Environmental Technologies

From: Rogers, Margaret O (DEC) [mailto:margaret.rogers@dec.ny.gov]
Sent: Wednesday, May 31, 2017 12:55 PM
To: Tommy Giamichael <tgiamichael@aztechenv.com>
Cc: Mustico, Richard X (DEC) <richard.mustico@dec.ny.gov>
Subject: RE: 800 Broadway - SSDS soils

Hi Tommy,

Just a couple of questions. To what depth were the composite samples taken? Also, could you provide a map which provides an approximate outline of your proposed borrow and deposit areas? Marked-up is fine.

Thanks,

Margaret

Engineering Geologist II, Division of Environmental Remediation

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Region 4, 1130 North Westcott Road, Schenectady, NY 12306
P: 518-357-2353 | F: 518-357-2398 |Margaret.Rogers@dec.ny.gov
www.dec.ny.gov |

From: Tommy Giamichael [mailto:tgiamichael@aztechenv.com]
Sent: Wednesday, May 31, 2017 10:09 AM
To: Rogers, Margaret O (DEC) <margaret.rogers@dec.ny.gov>; Mustico, Richard X (DEC) <richard.mustico@dec.ny.gov>
Cc: 'Timothy Bayly' <timothy.bayly@gmail.com>; Joshua Wainman <jwainman@waiconstruction.com>; 'Kirby VanVleet' <kvanvleet@hansonvanvleet.com>; Bill Toran <btoran@aztechenv.com>
Subject: 800 Broadway - SSDS soils

Hi Margaret, This email is to follow up with the voicemail I left you earlier this morning. Specifically, I would like to discuss with you the soils to be excavated from within the building's basement to facilitate installation of the footers and SSDS laterals.

After discussing the finished floor elevation with the property owners general contractor and reviewing the existing grade of the soil, The finished floor elevation of the new concrete slab to be poured will be approximately 4 inches above the small portion of existing slab at the bottom of the stairs. By doing this the depth required to excavate will be reduced. Additionally, the grade toward the western portion of the build is significantly lower in elevation thus meaning that excavation of soil in that area may not be required at all to install the SSDS piping. However, all piping will still be properly bedded in gravel as planned.

Aztech would like to seek the departments approval to redistribute the excavated soils within the basement to the lower portions towards the western portion of the building. There are several advantages to this, being soil will potentially not be required to be removed via the external vactor, eliminating emissions and dust exposure. The soil will be hand dug, and placed by hand in the low areas, also reducing disturbance of the soils. Less obstructions on the street and sidewalk due to not needing the vactor or vacuum boxes. Project costs may potentially also be reduced by not having to send the excavated soils offsite for disposal or use the additional equipment.

Further, The total depth of excavation at the deepest portions may only be up to 10 to 12 inches. Known impacts to soils onsite have been previously characterized to exist at elevation deeper than 12 inches from the surface. This has also been reflected in the soil disposal data collected from composited areas in the basement (**Please see attached lab data and map**). Additionally, The soil to be excavated and re-graded will still be placed beneath the SSDS membrane to be captured as part of the mitigation system.

Please advise if re-grading the soil beneath the SSDS membrane acceptable. I am in the office all day today and can discuss. Please feel free to give me a call if you have any questions.

Thanks, Tommy

Tommy Giamichael

Senior Hydrogeologist/Project Manager
5 McCrea Hill Road | Ballston Spa, NY 12020 | 518.885.5383 (o) | 518.337.7635 (c)
tgiamichael@aztechenv.com | www.aztechenv.com

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Approval to Re-line Waste/Sewer Line

E-mail correspondence from Richard Mustico to Tim Bayly approving re-lining (rather than removal) of existing sewer line.

From: Mustico, Richard X (DEC) [mailto:richard.mustico@dec.ny.gov]
Sent: Tuesday, May 30, 2017 3:57 PM
To: timothy.bayly@gmail.com
Cc: kvanvleet@hansonvanvleet.com; Jwainman@waiconstruction.com; Bill Toran <btoran@aztechenv.com>; Tommy Giamichael <tgiamichael@aztechenv.com>; Fil Fina 3 <ffina3@aztechenv.com>; Rogers, Margaret O (DEC) <margaret.rogers@dec.ny.gov>
Subject: RE: 800 Broadway - Sewer pipe in basement

Tim,

Thank you for your email, below, stating your concerns about excavating a portion of the sanitary sewer line not to be used as part of site redevelopment.

Although the draft Remedial Action Work Plan (RAWP), which is currently out for public comment, states that the entire sewer line will be excavated and a new line installed, the New York State Department of Environmental Conservation (the Department) is in agreement with your consultant that the portion of the sewer line to remain in use (only approximately 15 feet) could be lined, as opposed to being excavated. Prior to lining, the sewer line would be cleaned, which would allow for a proper seal between the liner and existing pipe, and the cleaning would remove any potential contamination remaining in that portion of the line from acting as a continuing source to soil contamination and groundwater contamination (the latter of which is migrating off site). Lining this portion of the sanitary sewer line would also minimize disruption to the adjacent, off-site sidewalk and street.

With respect to the portion of the sanitary sewer line not to be lined and not to be used as part of redevelopment, the Department believes that there are three options which may be implemented which would prevent the potential for the abandoned sewer from continuing to act as a preferential pathway and/or source of contamination to the environment:

1. excavate the unused portion of the sanitary sewer and surrounding soil, as needed, for proper off-site disposal, as called for in the RAWP;

2. excavate the unused portion of the sanitary sewer and surrounding soil, as needed, for proper off-site disposal as part of the installation of the SSDS (i.e., place an SSDS lateral at the same location of the sanitary sewer); or

3. fully fill (e.g, with grout) the unused portion of the sanitary sewer.

The Department looks forward to continued discussion regarding this topic. The Department also looks forward to selecting the site remedy and issuing the Decision Document for this significant threat BCP site.

Rick

Richard A. Mustico, P.E.
Regional Hazardous Waste Engineer, Division of Environmental Remediation New York State Department of Environmental Conservation - Region IV
1130 N. Westcott Rd, Schenectady, NY 12306
P: (518) 357-2273 | C: (518) 949-3132 | Richard.Mustico@dec.ny.gov www.dec.ny.gov | |

Approval of Work Plan for Replacement of Natural Gas and Municipal Water Lines

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 4
1130 North Westcott Road, Schenectady, NY 12306-2014
P: (518) 357-2045 | F: (518) 357-2460
www.dec.ny.gov

August 23, 2017

Mr. Bill Toran
Aztech Environmental Technologies
5 McCrea Hill Road
Ballston Spa, NY 12020
btoran@aztechenv.com
(Sent via email only)

RE: Excavation Work Plan for Natural Gas & Water Line Installation
Tim Bayly Property, 800 Broadway, Rensselaer (Site No. C442043)

Dear Mr. Toran:

The New York State Department of Environmental Conservation and Department of Health have reviewed the Excavation Work Plan (EWP) dated August 21, 2017 (revised). This action specific EWP pertains exclusively to the repair/replacement of the natural gas and municipal water service lines. The EWP is approved.

Because the schedule is currently unknown, please notify me at least one week before starting the excavation activities so that I can arrange to be on site. Contact me at 518-357-2008 or joshua.haugh@dec.ny.gov if you have any questions.

Sincerely,

Josh Haugh
Engineering Geologist 2

ec: R. Mustico, DER
G. Burke, DER
S. Bogardus, DOH
T. Bayly
K. Van Vleet

Approval to Verify Indoor Air Quality During Site Management

The following excerpt was taken from the October 23, 2017 "Comments on Draft Final Engineering Report (version 2) Tim Bayly Property, 800 Broadway, Rensselaer (Site No. C442043)" letter from Mr. Josh Haugh, NYSDEC to Mr. Randy Hoose, Aztech Environmental Technologies.

Comment 28 (c), regarding Section 4.3.5 (Sub-Slab Depressurization System) states:

> "Please note that chemical testing (i.e., air sampling) will also be required during the 2017/2018 heating season. This testing, which was expected to be performed during remedial action (per the RAWP), will instead be required under Site Management to accommodate the project schedule and the upcoming heating season. This should be indicated in Section 4.7 (Deviations from the Remedial Action Work Plan)."