Attachment III

Phase II ESA and the SSI (per Section III of BCP Application)

CE PO: 2015-188

Phase II Environmental Site Assessment

March 17, 2016

Subject Property:

381-393 Huguenot Street
New Rochelle, New York
Tax Parcel: Section 2; Block 439; Lot 5, 7, 16 and 17

Prepared for:

Chechile Realty and 381-383 Huguenot LLC
381-393 Huguenot Street
New Rochelle, NY 10801

Report User:

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CERTIFICATION

Client: Chechile Realty and 381-383 Huguenot LLC Realty

Project: Phase II Environmental Site Assessment

Location: 381-393 Huguenot Street, New Rochelle, New York

Cider Key Personnel

Title	Name	Telephone
Project Manager	James Cressy	(631) 365-6118
Sr. Consultant	Wenqing Fang	(631) 790-3338

I certify that this Phase II Environmental Site Assessment (ESA) was performed under my direction and supervision, that I have reviewed and approved the report, and that the methods and procedures employed in the development of the report conform to industry standards, specifically ASTM E1903-11 standard for Phase II Environmental Site Assessment.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR part 312.

I am responsible for the content of this Phase II ESA, have reviewed its contents and certify that it is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

James Cressy

Qualified Environmental Professional

Wenqing Fang, P.E.

Qualified Environmental Professional

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LIST OF ACRONYMS

Acronym	Definition
AMSL	Above Mean Sea Level
AOC	Area of Concern
BGS	Below ground surface
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPR	Ground Penetrating Radar
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NCDOH	Nassau County Department of Health
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
NYS DEC	New York State Department of Environmental Conservation
OSHA	Occupational Safety and Health Administration
PID	Photo Ionization Detector
QA/QC	Quality Assurance and Quality Control
QEP	Qualified Environmental Professional
REC	Recognized Environmental Condition
SCO	Soil Cleanup Objective
SOW	Scope of Work
USEPA	United State Environmental Protection Agency
USGS	United State Geological Survey

1 EXECUTIVE SUMMARY

Cider Environmental (CE), on behalf of Chechile Realty and 381-383 Huguenot LLC Realty (the "Client"), has completed this Phase II ESA for the property located at 381-393 Huguenot Street, New Rochelle, New York (herein referred to as the "Subject Property").

The goal of this Phase II ESA is to investigate the Recognized Environmental Conditions (RECs) as identified in the Phase I ESA, dated February 10, 2016 prepared by CE. The scope of work (SOW) for this Phase II ESA was developed based on the RECs. A site-specific Health and Safety Plan (HASP) was designed and implemented. No health and/or safety issues were identified during the project.

The following is a breakdown of this assessment performed in regards to RECs.

- REC-1: Active NYSDEC Spill Case

  The northeastern portion of the Subject Property (381 Huguenot Street, under the name of Rush Manufacturing) has an open NYSDEC Spill case (9604099). This spill was reported on 6/6/1996 due to soil and groundwater contamination encountered during a Phase II ESA. The active status of the spill indicated that additional site investigation and/or remediation is required by the NYSDEC. The presence of an active Spill case represents a REC.

  Subsurface soil/groundwater/soil gas samples were collected throughout the Subject Property to evaluate the potential environmental impacts of the active NYSDEC Spill case. The soil samples did not show any target VOC/SVOCs at levels significantly above the applicable guidance values. The soil gas samples did not detect any VOCs at levels above the NYSDOH Action Levels. The groundwater samples showed evidence of impact from historic fuel oil and gasoline operations. It is recommended that the NYSDEC be consulted regarding this finding to determine if further investigative and/or remedial actions will be required regarding the active spill case.

  Should the Subject Property be redeveloped in the future, engineering control measures (i.e., sub-slab depressurization system, and vapor barrier system) are recommended to mitigate risk of vapor intrusion.

- REC-2: Historic Dry Cleaning Operations

  The northeastern portion of the Subject Property (383 Huguenot Street) has been utilized for cleaning services from 1931 to 1951. The 1931 Sanborn Map depicted a "dry cleaning" service on this portion of the Subject Property. Tetrachloroethylene (PCE), a hazardous substance, was adopted by the dry

cleaning industry in the 1930s. No documentation was available regarding the handling or storage of PCE on the Subject Property. This historic uses and lack of documentation represents a REC.

Subsurface soil/groundwater/soil gas samples were collected from areas of former dry cleaning operations. The soil/groundwater/soil gas samples did not show elevated PCE or its breakdown compounds at levels exceeding the applicable guidance values. Accordingly, no further investigative and/or remedial actions are recommended regarding this REC at this time.

- REC-3: Former Fuel Oil USTs Operations

  According to New Rochelle Fire Marshal records, the northeastern portion of the Subject Property (381 & 383 Huguenot Street) are documented as maintaining fuel oil underground storage tanks. Specifically, 381 is documented as maintaining a 550-gallon fuel oil UST and 383 is documented as maintaining a 1,000-gallon fuel oil UST. There is no documentation available regarding the proper removal of these UST. This lack of documentation represents a REC.

  A remote sensing survey was performed behind the existing buildings (381 and 383 Huguenot). No abandoned USTs were identified. The soil samples from this area (SB-3 [7'-9'] and SB-4 [7'-9']) did not detect any fuel oil related target analytes at levels above the applicable guidance values. The groundwater sample from this area (GW-2) detected elevated levels of petroleum product related SVOCs (>13 ppm in total SVOCs) exceeding the AWQS. Accordingly, it is concluded that the former fuel oil UST operations have impacted the groundwater quality at the Subject Property. Further investigative and/or remedial actions are recommended regarding this REC at this time.

  Should any undocumented structures (i.e. underground storage tanks) be encountered during any future construction activities, they will need to be properly reported and removed in accordance with applicable rules and regulations.

- REC-4: Former Gasoline USTs Operations

  The southwestern portion of the Subject Property (393 Huguenot Street) has historically maintained a gasoline filling station from 1931 to 1951. No documentation was available regarding the status of any gasoline/diesel USTs on the Subject Property. The potential presence of abandoned USTs on the Subject Property represents a REC.

  A remote sensing survey was performed in front of the existing building (393 Huguenot). No abandoned USTs were identified. The soil samples from this area (SB-9 [10'-12'] and SB-10 [8'-10']) did not detect any gasoline related target analytes at levels above the applicable guidance values. The groundwater sample from this area (GW-5) detected elevated levels of gasoline related VOCs

(>0.500 ppm in total VOCs) moderately exceeding the AWQS. Accordingly, it is recommended that the NYSDEC be consulted regarding this finding to determine if further investigative and/or remedial actions will be required.

- REC-5: Unrecorded UST Removal

  According to a letter report, dated December 5, 1997 and prepared by Phoenix Environmental (Phoenix), in 1997 an open excavation was observed on the central portion (current parking lot) of the Subject Property. The laboratory analysis performed on the endpoint soil and water samples did not identify significant impact. It is suspected that the observed open excavation had facilitated UST removal. No documentation was available regarding the registration or the removal of any USTs from the Subject Property. The potential presence of abandoned USTs on the Subject Property represents a REC.

  A remote sensing survey was performed in the area of the former excavation (387 Huguenot). No USTs were identified. The soil samples from this area (SB-5 [7'-9'] and SB-6 [7'-9']) did not detect any target analytes at levels above the applicable guidance values. The groundwater sample from this area (GW-3) detected levels of fuel oil related VOCs (0.16 ppm in total) and SVOCs (0.28 ppm in total) marginally exceeding the AWQS. Accordingly, it is recommended that the NYSDEC be consulted regarding this finding to determine if further investigative and/or remedial actions will be required.

Based on the survey and analytical results under the scope of this Phase II ESA, it is concluded that:

- No abandoned USTs were identified during this Phase II ESA. However, it should be noted that due to the presence of parked vehicles and miscellaneous storage (associated with an onsite hydraulics repair company), the entire Subject Property was not fully accessible.
- The active NYSDEC spill associated with the Subject Property is most likely associated with the historic fuel oil operations, which have significantly impacted the groundwater quality of the Subject Property. Further investigation and/or remediation is warranted.
- The historic on-site dry cleaning operations have not significant impacted the environmental quality of the Subject Property.
- The historic on-site gasoline operations have impacted the groundwater quality of the Subject Property. Further investigation and/or remediation may be required by the NYSDEC.

Based on the results of this Phase II ESA, CE has the following recommendations:

- It is recommended that the NYSDEC be consulted regarding the findings of this Phase II ESA to determine if further investigative and/or remedial actions will be required regarding the active spill case and/or the impacts of the historic USTs.

- Any future investigation and/or remediation should be performed under the auspices of the NYSDEC.
- Should the Subject Property be redeveloped in the future, engineering control measures (i.e., sub-slab depressurization system, and vapor barrier system) are recommended to mitigate risk of vapor intrusion.
- Due to high concentration of compounds that were not on the target analytes list, laboratory reporting limits (RL) for several compounds were significantly elevated. In addition, high PID readings (>1,000 ppm) and strong petroleum odors were noted during soil sampling. As a result, vapor suppression will be required during soil excavation. Excavated soil, as a result of future site construction or remediation, will require transport and off-site disposal as “non-hazardous petroleum impacted”.
- Groundwater was encountered at approximately 5 to 9 feet below grade. Should the Subject Property redevelopment and/or remediation involve excavation beyond 4 feet below grade, dewatering activities will be required. Due to the presence of contaminated groundwater, the effluent from the dewatering system will require special treatment prior to discharge.

2 INTRODUCTION

Cider Environmental (CE), on behalf of Chechile Realty and 381-383 Huguenot LLC Realty (the "Client"), has completed this Phase II ESA for the property located at 381-393 Huguenot Street, New Rochelle, New York (herein referred to as the "Subject Property").

2.1 Purpose

The goal of this Phase II ESA is to investigate the Recognized Environmental Conditions (RECs) as identified in the Phase I ESA, dated February 10, 2016 prepared by CE. The scope of work (SOW) for this Phase II ESA was developed based on the RECs.

2.2 Applicable Guidance

Unless otherwise noted, the Phase II ESA was prepared in accordance with ASTM E 1903-11, Standard Guide for Environmental Site Assessments: Phase II ESA Process. The following documents, issued by state and local regulatory agencies, were also referenced:

- NYSDEC, Division of Environmental Remediation, DER-10 Technical Guidance For Site Investigation and Remediation, dated May 3, 2010
- NYSDEC CP-51 Soil Cleanup Guidance
- 6 NYCRR Part 375 Subpart 375-6, Remedial Program Soil Cleanup Objectives
- NYSDEC, Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Limitations
- NYSDOH, Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006.

3 SITE BACKGROUND

The Subject Property is located at 381-393 Huguenot Street, New Rochelle, New York. **Figure 1** shows the Subject Property location on the United States Geological Survey (USGS) topographic quadrangle map. **Figure 2** shows the Subject Property on aerial photo dated 2012. The approximate ground surface elevation is 88 feet above mean sea level (AMSL). The general topographic gradient is towards southwest.

The property consists of four (4) separate irregular shaped lots, including Lot 5 (no address), 7 (393 Huguenot), 16 (383 Huguenot) and 17 (381 Huguenot). Said lots will collectively be referenced as the Subject Property, unless noted otherwise. The Subject Property consists of these irregular shaped parcels totaling approximately 0.39 acres. The property currently maintains two structures. Lot 7 currently maintains an irregular shaped one-story building (with partial basement), with an approximate footprint of 3,400-square feet. Said structure occupies approximately the entire extent of the lot, expect for a portions to the south and to the east of the building. The structure is serviced by a natural gas fired HVAC system maintained within the partial basement. This building is currently utilized for office and storage space associated with a U-Haul business, a real-estate firm, and a janitorial supply business. The vehicles associated with the U-Haul business are currently parked on Lot 5. Lots 16 and 17 currently maintain an irregular shaped two-story building (with a full basement), with an approximate footprint of 2,250-square feet. The building occupies the eastern half of the lot, with the western half utilized for storage and automobile parking. Said structure is serviced by two fuel oil fired boilers (one for each lot/address), with two 275-gallon fuel oil ASTs maintained in the basement of the building. The basement and first floor of the building maintained on Lot 17 are vacant/unoccupied, with the second floor occupied by residential tenants. The first floor of the building maintained on Lot 16 is vacant/unoccupied, with the basement occupied by a hydraulic repair business and the second floor occupied by residential tenants. The Subject Property is bound to the north by a vacant store (first floor) with residential above; to the south by a three-story residential apartment building and a one-story residential building; to the east by Huguenot Street and beyond by a Gulf labeled gasoline filling station; and to the west by an office building/warehouse.

4 RECOGNIZED ENVIRONMENTAL CONDITIONS

The following is a summary of the recognized environmental conditions (RECs) from the Phase I ESA, dated February 8, 2016 prepared by CE.

- REC-1: Active NYSDEC Spill Case

  The northeastern portion of the Subject Property (381 Huguenot Street, under the name of Rush Manufacturing) has an open NYSDEC Spill case (9604099). This spill was reported on 6/6/1996 due to soil and groundwater contamination encountered during a Phase II ESA. The active status of the spill indicated that additional site investigation and/or remediation is required by the NYSDEC. The presence of an active Spill case represents a REC.

- REC-2: Historic Dry Cleaning Operations

  The northeastern portion of the Subject Property (383 Huguenot Street) has been utilized for cleaning services from 1931 to 1951. The 1931 Sanborn Map depicted a "dry cleaning" service on this portion of the Subject Property. Tetrachloroethylene (PCE), a hazardous substance, was adopted by the dry cleaning industry in the 1930s. No documentation was available regarding the handling or storage of PCE on the Subject Property. This historic uses and lack of documentation represents a REC.

- REC-3: Former Fuel Oil USTs Operations

  According to New Rochelle Fire Marshal records, the northeastern portion of the Subject Property (381 & 383 Huguenot Street) are documented as maintaining fuel oil underground storage tanks. Specifically, 381 is documented as maintaining a 550-gallon fuel oil UST and 383 is documented as maintaining a 1,000-gallon fuel oil UST. There is no documentation available regarding the proper removal of these UST. This lack of documentation represents a REC.

- REC-4: Former Gasoline USTs Operations

  The southwestern portion of the Subject Property (393 Huguenot Street) has historically maintained a gasoline filling station from 1931 to 1951. No documentation was available regarding the status of any gasoline/diesel USTs on the Subject Property. The potential presence of abandoned USTs on the Subject Property represents a REC.

- REC-5: Unrecorded UST Removal

  According to a letter report, dated December 5, 1997 and prepared by Phoenix Environmental (Phoenix), in 1997 an open excavation was observed on the central portion (current parking lot) of the Subject Property. The laboratory analysis performed on the endpoint soil and water samples did not identify significant impact. It is suspected that the observed open excavation had facilitated UST

removal. No documentation was available regarding the registration or the removal of any USTs from the Subject Property. The potential presence of abandoned USTs on the Subject Property represents a REC.

5 SCOPE OF WORK

The scope of work (SOW) for this Phase II ESA was developed based on the RECs as discussed in **Section 4** of this report.

- Perform file review with the NYSDEC regarding Spill Case No. 9604099.
- Conduct public and private utility markout.
- Conduct remote sensing survey by ground penetrating radar (GPR) to locate any active or abandoned underground storage tanks (USTs).
- Install ten (10) soil boring to investigate any abandoned USTs, the historic gasoline filling/dry cleaning operations. The soil borings will be installed from grade to 20 feet below grade. The soil samples will be field screened utilizing a PID. The soil sample exhibiting the highest PID will be selected for laboratory analysis. Should no elevated PID readings be detected, the deepest sample will be analyzed. Up to ten (10) soil samples will be analyzed by USEPA Test Method 8260 / 8270 CP-51 for target volatile organic compounds (VOCs) and petroleum product related semi-volatile organic compounds (SVOCs).
- Install two (2) soil gas sampling ports at the former dry cleaning area. Perform leak check with a tracer compound (helium) prior to collecting soil gas samples. Collect two (2) soil gas samples using 6-Liter Summa canisters with 2 hour regulators. The soil gas samples will be analyzed by USEPA Test Method TO-15 for target VOCs.
- Install five (5) 1-inch temporary groundwater monitoring wells on the Subject Property. Develop and sample the well per the NYSDEC DER-10 guidance. The groundwater samples will be analyzed by USEPA Test Method 8260 / 8270 CP-51 for target VOCs and petroleum product related SVOCs.
- Prepare a Phase II ESA Report.

During the field implementation, there were no revisions from the pre-determined scope of work.

6 SITE-SPECIFIC HEALTH AND SAFETY PLAN

Cider Environmental implemented a site-specific Health and Safety Plan (HASP) for Cider Environmental and subcontractor personnel that participated in the field work performed at the Subject Property.

Personal health and safety precautions were followed in accordance with applicable federal and state law or local equivalents and any requirements imposed by the owner, occupant, or field personnel. In addition to the site-specific HASP, the following activities were performed to further ensure a smooth project without any health and safety incidents:

- Prior to the field work, Cider Environmental called for public utilities markout.
- Cider Environmental hired a third-party line-locating service utilizing ground penetrating radar (GPR) technology to survey the selected areas.
- Daily tailgate safety meeting was held with Cider Environmental and subcontractor personnel.
- All sampling locations were pre-cleared by hand probe and/or air knifing to at least 5 ft BGS.

There were no health and/or safety issues identified during the fieldwork of this Phase II ESA.

7 FIELD INVESTIGATION ACTIVITIES

From March 3 to 4, 2016, Cider Environmental performed field investigation activities on the Subject Property in accordance with the approved SOW as detailed in **Section 5** of this report. Standard field operation procedures can be referenced with **Section 12** of this report. Quality assurance and quality control (QA/QC) procedures can be referenced with **Section 13** of this report.

7.1 Remote Sensing Survey

On March 3, 2015, Cider Environmental supervised the remote sensing survey on selected areas of the Subject Property. The survey was performed utilizing a GSSI model SIR-2 ground penetrating radar (GPR) system. The result of the remote sensing survey can be referenced with **Figure 3**.

Based on the data gathered, no subsurface anomalies were detected that could be interpreted as representing underground storage tanks (USTs). However, it should be noted that due to the presence of parked vehicles and miscellaneous storage (associated with an onsite hydraulics repair company), the entire Subject Property was not fully accessible.

7.2 Subsurface Soil Sampling

From March 3 to 4, 2016, Cider Environmental installation soil borings on selected areas of the Subject Property. All borings were installed utilizing direct-push techniques via a Geoprobe 6600 unit. All borings were hand cleared and/or air knifed to 5 feet below grade prior to mechanical drilling. The locations of the soil borings can be referenced with **Figure 4**.

Headspace analysis was performed on all the soil samples acquired in order to provide precursory data regarding hydrocarbon contamination. Results of the analysis were used to adjust the sampling and analysis program to yield the most accurate and representative results. The results of the field analysis are presented as part of the soil log in **Appendix A**.

All soil samples collected from the Site were subjected to visual inspection to identify any signs of chemical contamination and to classify the sample media. Color classifications were made in accordance with the Munsell Classification System. Gradation classifications were made in accordance with the Unified Soil Classification System. The detailed soil logs are presented in **Appendix A**.

Soil boring SB-1 was installed on the northwestern portion of the parking lot behind the building (383 Huguenot), where the former dry cleaning operations were performed. SB-1 was advanced to 10 feet below grade. The soil appears to be dark medium sand. Groundwater was encountered at approximately

9 feet below grade. Elevated PID readings (>700 ppm) were encountered from 5 to 10 feet below grade. Strong petrochemical odor was noted.

Soil boring SB-2 was installed on the northwestern portion of the parking lot behind the building (383 Huguenot), where the former dry cleaning operations were performed. SB-2 was advanced to 10 feet below grade. The soil appears to be dark medium sand. Groundwater was encountered at approximately 9 feet below grade. Elevated PID readings (>1,000 ppm) were encountered from 5 to 10 feet below grade. Strong petrochemical odor was noted.

Soil boring SB-3 was installed behind the existing building (381 Huguenot), where the former fuel oil UST could have been maintained. SB-3 was advanced to 10 feet below grade. The soil appears to be dark medium sand. Groundwater was encountered at approximately 9 feet below grade. Elevated PID readings (>300 ppm) were encountered from 5 to 10 feet below grade. Strong petrochemical odor was noted.

Soil boring SB-4 was installed behind the existing building (383 Huguenot), where the former fuel oil UST could have been maintained. SB-4 was advanced to 10 feet below grade. The soil appears to be dark medium sand. Groundwater was encountered at approximately 9 feet below grade. Elevated PID readings (>100 ppm) were encountered from 5 to 10 feet below grade. Strong petrochemical odor was noted.

Soil boring SB-5 was installed within the former UST excavation area on the central portion of the Subject Property (387 Huguenot). SB-5 was advanced to 10 feet below grade. The soil appears to be dark medium sand. Groundwater was encountered at approximately 9 feet below grade. Elevated PID readings (>90 ppm) were encountered from 7 to 10 feet below grade. Petrochemical odor was noted.

Soil boring SB-6 was installed within the former UST excavation area on the central portion of the Subject Property (387 Huguenot). SB-6 was advanced to 10 feet below grade. The soil appears to be brown medium sand. Groundwater was encountered at approximately 9 feet below grade. No elevated PID readings (>1 ppm) were encountered. No petrochemical odor or staining was noted.

Soil boring SB-7 was installed in the vicinity of the former car wash (393 Huguenot). SB-7 was advanced to 10 feet below grade. The soil appears to be brown medium sand. Groundwater was encountered at approximately 8 feet below grade. No elevated PID readings (>1 ppm) were encountered. No petrochemical odor or staining was noted.

Soil boring SB-8 was installed in the vicinity of the former car wash (393 Huguenot). SB-8 was advanced to 10 feet below grade. The soil appears to be brown medium sand. Groundwater was encountered at

approximately 8 feet below grade. No elevated PID readings (>1 ppm) were encountered. No petrochemical odor or staining was noted.

Soil boring SB-9 was installed in front of the existing building (393 Huguenot), where the former gasoline USTs have been maintained. SB-9 was advanced to 13 feet below grade until refusal (possibly bedrock) was encountered. The soil appears to be clay and fine sand from grade to 10 feet below; and dark brown medium sand from 10 to 13 feet below grade. Groundwater was not encountered. Elevated PID readings (>1,000 ppm) were encountered from 7 to 12 feet below grade. Strong petrochemical odor was noted.

Soil boring SB-10 was installed in front of the existing building (393 Huguenot), where the former gasoline USTs were maintained. SB-10 was advanced to 10 feet below grade. The soil appears to be dark medium sand. Groundwater was not encountered. Elevated PID readings (>1,500 ppm) were encountered from 7 to 12 feet below grade. Strong petrochemical odor was noted.

7.3 Soil Gas Sampling

On March 3, 2016, Cider Environmental collected two (2) soil gas samples at the Subject Property. Both samples were collected in accordance with the *Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH October 2006)*.

The soil vapor probe was installed to four feet below existing grade. Samples were collected in Summa canisters which have been certified clean by the laboratory and analyzed by using USEPA Method TO-15. Flow rate of both purging and sampling did not exceed 0.2 L/min. Sampling occurred for the duration of two hours. A sample log sheet was maintained summarizing sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of the soil vapor extracted, vacuum of canisters before and after the samples are collected, apparent moisture content of the sampling zone, and chain of custody protocols.

As part of the vapor intrusion evaluation, a tracer gas was used in accordance with NYSDOH protocols to serve as a quality assurance/quality control (QA/QC) device to verify the integrity of the soil vapor probe seal. Helium was used as the tracer gas and a box functioned to keep it in contact with the probe during testing. A portable monitoring device was used to analyze a sample of soil vapor for the tracer prior to sampling. The tracer sample results did not show a significant presence of the tracer. At the conclusion of the sampling round, tracer monitoring was performed a second time to confirm the integrity of the probe seals.

Two (2) soil gas samples, identified as SG-1 and SG-2, were collected. SG-1 was collected from underneath the concrete slab within the existing building (383 Huguenot). SG-2 was collected within the footprint of the former building that has been utilized for dry cleaning operations.

The soil gas samples were subject to laboratory analysis via Test Method TO-15 for target volatile organic compounds (VOCs). The sampling locations are shown in **Figure 4**. Field sampling log can be referenced with **Appendix A**.

7.4 Groundwater Sampling

From March 3 to 4, 2016, Cider Environmental supervised the installation of five (5) temporary groundwater wells on the Subject Property. Groundwater was encountered at approximately 9 feet below ground surface (BGS). The temporary wells were installed to a depth of approximately 15 feet BGS, approximately 5 feet into groundwater. The locations of the temporary well points can be referenced with **Figure 4**. The temporary groundwater wells were installed via a Geoprobe system. The construction details of the temporary groundwater wells can be referenced with **Appendix A**.

Groundwater temporary well GW-1 was installed in the area of former dry cleaning operations.

Groundwater temporary well GW-2 was installed in the area of suspected former fuel oil UST(s).

Groundwater temporary well GW-3 was installed in the area of the former excavation (likely for UST removal).

Groundwater temporary well GW-4 was installed in the vicinity of (and hydraulically down-gradient of) the former car wash operations.

Groundwater temporary well GW-5 was installed in the area of the former gasoline UST operations.

A minimum of three (3) well volumes were purged from each monitoring well prior to the collection of groundwater samples. Field measurements were secured from each monitoring well during the development process to provide data regarding physical groundwater characteristics. The development water was field analyzed for pH, specific conductivity and temperature. Results of the field measurements were utilized to establish steady state conditions within the groundwater aquifer. Purging and sample collection was accomplished using a submersible pump with disposable polyethylene tubing and/or a polyethylene disposable bailer. Aqueous samples were placed in laboratory-provided glassware, packed on ice in shipping containers, and submitted under proper chain-of-custody to the analytical laboratory.

Equipment used for groundwater sampling consisted of new, disposable materials, or was properly decontaminated between sample locations. Sampling personnel changed nitrile sampling gloves between each sample location to minimize the potential for sample cross-contamination.

8 SAMPLE SELECTION AND FREQUENCY

All soil samples collected were subjected to headspace analysis. The soil sample with the highest headspace analysis reading from each soil boring was selected for laboratory analysis. In the event that no elevated headspace analysis reading was detected, the deepest sample was selected for laboratory analysis.

Table 1 presents a summary list of the samples submitted for laboratory analysis, and a list of the test method applied to each sample.

The soil/groundwater samples selected for laboratory analysis were containerized in the appropriate vessels, preserved at 4°C in a cooler and transported under proper chain-of-custody procedures to a NYS-DOH certified commercial laboratory for analysis.

The soil gas samples were containerized in the laboratory provided, pre-certified 6-L summa canister, and transported under proper chain-of-custody procedures to a NYS-DOH certified commercial laboratory for analysis.

The sample documentation procedures are detailed in **Section 12**.

9 RESULTS AND EVALUATION

9.1 Site Geology and Hydrology

According to the United State Department of Agriculture (USDA) Natural Resources Conservation Service, the soil at the Subject Property is classified as *Uh-Urban.* Actual soil conditions observed during the Phase II ESA field activities revealed that the subsurface soil consists of dark to brown medium to coarse sand from grade to 10 feet below.

Groundwater was encountered at approximately 5 to 9 feet below grade. Site-specific groundwater flow direction cannot be properly determined without the installation of permanent groundwater monitoring wells, which is beyond the scope of this Phase II ESA.

9.2 Evaluation of Analytical Results

The laboratory quality assurance / quality control (QA/QC) data summary for each laboratory data set was reviewed. The samples were analyzed within the proper holding time, the samples were properly preserved and the samples arrived at the laboratory in good condition at the proper temperature.

A review of the QA/QC analytical data included in the laboratory reports did not reveal any major QA/QC issues. However, due to high concentration of compounds that were not on the target list, the reporting limits (RLs) for several target compounds were significantly elevated. In several cases, the RLs were above the applicable guidance values.

A summary of the laboratory analytical results versus the applicable guidance values can be referenced with **Table 2** through **Table 4.** The original laboratory analysis report is presented in **Appendix B**. The summary of exceedances are presented in **Figure 5** and **Figure 6**.

Applicable Guidance:

- The laboratory analysis results of the soil samples were compared against the 6 NYCRR Part 375 Unrestricted Uses Soil Cleanup Objectives (UUSCO) and 6 NYCRR Part 375 Restricted Residential SCO (RRSCO).
- The laboratory analysis results of the groundwater samples were compared against NYSDEC, Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Limitations (AWQS).
- The laboratory analysis results of the soil gas samples were compared against the NYSDOH Decision Matrices (Action Levels).

The laboratory analysis performed on soil sample SB-1 [7'-9'] detected one target VOC (n-propylbenzene) at 4,100 ug/Kg, exceeding the UUSCO (3,900 ug/Kg) but below the RRSCO (100,000 ug/Kg). No other exceedances were detected in any other soil samples. Refer to **Table 2** and **Figure 5** for details.

The laboratory analysis performed on all five (5) groundwater samples detected several target VOCs and SVOCs at levels above the AWQS. Refer to **Table 4** and **Figure 6** for details.

The laboratory analysis performed on the soil gas samples SG-1 and SG-2 detected several target VOCs but at levels below the NYSDOH Action Levels. Refer to **Table 5** for details.

9.3 Evaluation of RECs

The following is a breakdown of this assessment performed in regards to REC, as identified in **Section 4** of this report.

- REC-1: Active NYSDEC Spill Case

  Subsurface soil/groundwater/soil gas samples were collected throughout the Subject Property to evaluate the potential environmental impacts of the active NYSDEC Spill case. The soil samples did not show any target VOC/SVOCs at levels significantly above the applicable guidance values. The soil gas samples did not detect any VOCs at levels above the NYSDOH Action Levels. The groundwater samples showed evidence of impact from historic fuel oil and gasoline operations. It is recommended that the NYSDEC be consulted regarding this finding to determine if further investigative and/or remedial actions will be required regarding the active spill case.

  Should the Subject Property be redeveloped in the future, engineering control measures (i.e., sub-slab depressurization system, and vapor barrier system) are recommended to mitigate risk of vapor intrusion.

- REC-2: Historic Dry Cleaning Operations

  Subsurface soil/groundwater/soil gas samples were collected from areas of former dry cleaning operations. The soil/groundwater/soil gas samples did not show elevated PCE or its breakdown compounds at levels exceeding the applicable guidance values. Accordingly, no further investigative and/or remedial actions are recommended regarding this REC at this time.

- REC-3: Former Fuel Oil USTs Operations

  A remote sensing survey was performed behind the existing buildings (381 and 383 Huguenot). No abandoned USTs were identified. The soil samples from this area (SB-3 [7'-9'] and SB-4 [7'-9']) did

not detect any fuel oil related target analytes at levels above the applicable guidance values. The groundwater sample from this area (GW-2) detected elevated levels of petroleum product related SVOCs (>13 ppm in total SVOCs) exceeding the AWQS. Accordingly, it is concluded that the former fuel oil UST operations have impacted the groundwater quality at the Subject Property. Further investigative and/or remedial actions are recommended regarding this REC at this time.

Should any undocumented structures (i.e. underground storage tanks) be encountered during any future construction activities, they will need to be properly reported and removed in accordance with applicable rules and regulations.

- REC-4: Former Gasoline USTs Operations

  A remote sensing survey was performed in front of the existing building (393 Huguenot). No abandoned USTs were identified. The soil samples from this area (SB-9 [10'-12'] and SB-10 [8'-10']) did not detect any gasoline related target analytes at levels above the applicable guidance values. The groundwater sample from this area (GW-5) detected elevated levels of gasoline related VOCs (>0.500 ppm in total VOCs) moderately exceeding the AWQS. Accordingly, it is recommended that the NYSDEC be consulted regarding this finding to determine if further investigative and/or remedial actions will be required.

- REC-5: Unrecorded UST Removal

  A remote sensing survey was performed in the area of the former excavation (387 Huguenot). No USTs were identified. The soil samples from this area (SB-5 [7'-9'] and SB-6 [7'-9']) did not detect any target analytes at levels above the applicable guidance values. The groundwater sample from this area (GW-3) detected levels of fuel oil related VOCs (0.16 ppm in total) and SVOCs (0.28 ppm in total) marginally exceeding the AWQS. Accordingly, it is recommended that the NYSDEC be consulted regarding this finding to determine if further investigative and/or remedial actions will be required.

10 DISCUSSION ON FINDINGS AND RECOMMENDATIONS

Cider Environmental has performed a Phase II ESA, Limited Subsurface Investigation on the Subject Property in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry. The investigation consisted of subsurface survey and sampling to further define the environmental quality of the Subject Property with respect to the recognized environmental condition outlined in **Section 4** of this document.

10.1 Findings

Based on the survey and analytical results under the scope of this Phase II ESA, it is concluded that:

- No abandoned USTs were identified during this Phase II ESA. However, it should be noted that due to the presence of parked vehicles and miscellaneous storage (associated with an onsite hydraulics repair company), the entire Subject Property was not fully accessible.
- The active NYSDEC spill associated with the Subject Property is most likely associated with the historic fuel oil operations, which have significantly impacted the groundwater quality of the Subject Property. Further investigation and/or remediation is warranted.
- The historic on-site dry cleaning operations have not significant impacted the environmental quality of the Subject Property.
- The historic on-site gasoline operations have impacted the groundwater quality of the Subject Property. Further investigation and/or remediation may be required by the NYSDEC.

10.2 Recommendations

Based on the results of this Phase II ESA, CE has the following recommendations:

- It is recommended that the NYSDEC be consulted regarding the findings of this Phase II ESA to determine if further investigative and/or remedial actions will be required regarding the active spill case and/or the impacts of the historic USTs.
- Any future investigation and/or remediation should be performed under the auspices of the NYSDEC.
- Should the Subject Property be redeveloped in the future, engineering control measures (i.e., sub-slab depressurization system, and vapor barrier system) are recommended to mitigate risk of vapor intrusion.
- Due to high concentration of compounds that were not on the target analytes list, laboratory reporting limits (RL) for several compounds were significantly elevated. In addition, high PID readings (>1,000 ppm) and strong petroleum odors were noted during soil sampling. As a result, vapor suppression will be required during soil excavation. Excavated soil, as a result of future site

construction or remediation, will require transport and off-site disposal as “non-hazardous petroleum impacted”.

- Groundwater was encountered at approximately 5 to 9 feet below grade. Should the Subject Property redevelopment and/or remediation involve excavation beyond 4 feet below grade, dewatering activities will be required. Due to the presence of contaminated groundwater, the effluent from the dewatering system will require special treatment prior to discharge.

11 STATEMENT OF LIMITATION

The services described in this document were performed in a manner consistent with the agreement with the client and in accordance with generally accepted professional consulting principles and practices. Opinions and recommendations contained in this document apply to conditions existing at certain locations when services were performed and are intended only for the specific purposes, locations, time frames, and project parameters indicated. Cider Environmental cannot be responsible for the impact of any changes in environmental standards, practices, or regulations after performance of services.

It should be recognized that certain limitations are inherent in the evaluation of subsurface conditions, and that certain conditions may not be detected during an investigation of this type. Due to the dynamic use of some clarifiers and uncertainties associated with subsurface conditions, the findings in the document are valid for one year from the date of this report. The samples collected and used for analysis are considered representative of the locations sampled. However, since soil and groundwater conditions may vary significantly between borings, the work presented in this document does not constitute a comprehensive site assessment.

The analysis and conclusions contained in this report are based on the site conditions, as they existed at the time when samples were obtained at the location and depth obtained. The samples do not represent the entire site. Changes in the information or the data obtained or in the proposed land use could result in changes in the conclusions.

Any use or modification of this document by a third party is expressly prohibited without a written, specific authorization from the client and author(s). Such authorization will require a signed waiver and release agreement.

This document is issued with the understanding that the client, the property owner, or its representative is responsible for ensuring that the information, conclusions and recommendations contained herein are brought to the attention of the appropriate regulatory agencies, as required by law.

12 STANDARD FIELD OPERATION PROCEDURES

12.1 GPR Procedures

A GPR system typically consists of a control unit, radar antenna, and display unit. The control unit generates a radar pulse and sends it through a cable to the antenna. The antenna transmits the pulse into the surface. When this energy encounters an interface between two materials of differing dielectric properties, such as reinforcing steel, air, moisture, or the base-course material, a portion of the energy is reflected back to the radar antenna. The received pulse is sent back to the control unit for processing/storage. The display unit (video or chart recorder) presents the data. The reflected energy is received by the transducer, amplified, and recorded. The electromagnetic pulse is repeated at a rapid rate and the resultant stream of radar data produces a continuous record of the subsurface. The radar system creates a linear profile of the materials beneath the antenna pass.

A qualified Cider Environmental technician specified a coordinate system on the planimetric surface of the site to map any subsurface dielectric anomalies detected on the premises. The operator used knowledge of the subsurface soil composition to calibrate the SIR-2 system to site-specific conditions. Factor settings such as range, gain, number of gain points, and scans per unit, were modified to yield the most accurate data to describe the subsurface conditions.

Upon finding a dielectric anomaly, a more spatially specific coordinate system was designed over the area to determine its size, shape and orientation. The data collected during the survey was reviewed by the operator and compared against past experience, technical judgment and prior site knowledge to classify the anomalies.

12.2 Hand Auger Procedures

A stainless steel hand auger was utilized to collect surface samples. The auger consists of a three and half (3½) inch diameter bucket, a three (3) foot long extension rod and “T” handle. The auger was manually twisted in the ground to the desired depth allowing the soil to fill the bucket. Once the bucket was full or the desired depth is achieved, the auger was extracted from the ground and the soil sample was removed from the bucket and placed in a sample vessel for transportation to a certified laboratory.

12.3 Subsurface Soil Sampling Procedures

Prior to the installation of soil borings, a stainless steel hand auger was utilized to hand clear from grade to 5 ft BEG. The auger consists of a 2-inch diameter bucket, a 4 ft long extension rod and “T” handle. The auger is manually twisted in the ground to the desired depth allowing the soil to fill the bucket. Once the bucket is full or the desired depth is achieved, the auger is extracted from the ground and the soil

sample is removed from the bucket and placed in a sample vessel for transportation to a certified laboratory.

The soil probes were installed using a hydraulically powered Geoprobe unit. Mechanized, vehicle mounted soil probe systems apply both static force and hydraulically powered percussion hammers for tool placement. Recovery of large sample volumes was facilitated with a probe-driven sampler. The probe-driven sampler consisted of a dual tube sampling system that has an outer tube that remains in the ground while the inner tube is removed along with the non-reactive plastic tube in which the soil sample has been collected. This dual tube sampling system ensures that the soil sample collected is from the selected sampling depth as the probe was advanced. Discrete samples were secured at the desired depths and were contained within a non-reactive plastic sleeve that lined the hollow probe for subsequent inspection and analysis.

Soil samples are collected using a 2 3/8 inch diameter, five (5) foot long probe-driven sampler which is pushed to the desired depth in five (5) foot increments. Each time the probe is pushed a soil sample is collected within a disposal plastic sleeve inserted into the sampler. The plastic is then cut open in order to extract a soil sample for screening and/or analysis.

12.4 Headspace Analysis Procedure

Headspace analysis was performed utilizing a portable Photo Ionization Detection (PID) meter to measure what, if any, hydrocarbon concentrations were present in isolated portions of the secured samples. Headspace analysis was conducted by partially filling a sealable plastic bag with sample aliquot and sealing the top, thereby creating a void. This void is referred to as the sample headspace. To facilitate the detection of any hydrocarbons contained within the sample headspace, the container was agitated for a period of thirty (30) seconds. The probe of the vapor analyzer was then injected into the headspace to measure the hydrocarbon concentrations present. A MiniRae 3000 Photo Ionization Detection meter was the organic vapor analyzer selected for the headspace analysis.

A PID utilizes the principle of photo ionization for detection and measurement of hydrocarbon compounds. A PID does not respond to all compounds similarly; rather, each compound has its own response factor relative to its calibration. For this investigation, the PID was calibrated using isobutylene. Hydrocarbon relative response factors for a PID calibrated using isobutylene are published by the manufacturer.

12.5 Temporary Well Point Sampling Procedure

The groundwater sampling system used was the Geoprobe Screen Point 15, which is designed to accurately collect grab samples of groundwater. The Screen Point 15 uses a screen with a standard slot

size of 0.004 inches that is sealed inside a 1.5-inch ID alloy steel sheath as it is driven to depth. The screen is sealed inside the sheath with Neoprene O-rings that prevent infiltration of formation fluids until the desired depth is attained. When the screen has been driven to the depth of interest in the formation, extension rods are used to hold the screen in position as the driving rods are retracted approximately 4 feet. The 4-foot long sampler sheath forms a seal above the screen as it is retracted. A total of 41.5 inches of slotted screen is placed into contact with the formation. The Screen Point 15 groundwater sampler has a total boring diameter of 1.5 inches, the outside diameter of the screen is 1.0 inch. This provides for a maximum of 0.25 inches between the screen and the natural formation as the sampler sheath is retracted. These conditions approach the ideal for natural formation development, which can be conducted when lower turbidity samples are required.

Each groundwater sample was collected from the sampler utilizing 3/8 inch diameter disposable tubing equipped with a bottom check valve. The tubing extended from the surface down to the sampler. The tubing was oscillated until the process had achieved proper development. The groundwater was then containerized into the appropriate sample vessels for subsequent laboratory analysis.

12.6 Monitoring Well Development and Sampling Procedure

A minimum of three (3) well volumes were purged from each monitoring well prior to the collection of groundwater samples. Field measurements were secured from each monitoring well during the development process to provide data regarding physical groundwater characteristics. The development water was field analyzed for pH, specific conductivity and temperature. Results of the field measurements were utilized to establish steady state conditions within the groundwater aquifer. Purging and sample collection was accomplished using a submersible pump with disposable polyethylene tubing and/or a polyethylene disposable bailer. Aqueous samples were placed in laboratory-provided glassware, packed on ice in shipping containers, and submitted under proper chain-of-custody to the analytical laboratory. Equipment used for groundwater sampling consisted of new, disposable materials, or was properly decontaminated between sample locations. Sampling personnel changed nitrile sampling gloves between each sample location to minimize the potential for sample cross-contamination.

13 QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES (QA/QC)

The following sampling QA/QC protocol is in accordance with the United States Environmental Protection Agency's (USEPA) accepted sampling procedures for hazardous waste streams [Municipal Research Laboratory, 1980, Sampling and Analysis Procedures for Hazardous Material Waste Streams, Office of Emergency and Remedial Response, Cincinnati, Ohio. EPA-600/280-018] and American Society of Testing and Material's (ASTM's) Sampling Procedures.

13.1 Sampling Personnel

The activities associated with the survey, sampling and analysis plan were performed by or under the auspices of a USEPA Office of Emergency and Remedial Response, Certified Sampler for Hazardous Materials. The sample staff (samplers) possessed a minimum of a B.A. Degree in the Earth, Space or Biological Sciences or a B.S. Degree in Engineering. Samplers had a minimum of one (1) year experience in environmental/geological field work. Additionally, all samplers received mandatory forty-hour Occupational Safety and Health Administration (OSHA) training on working with potentially hazardous materials and appropriate Hazard Communication Program and "Right-To-Know" training.

13.2 Sampling Equipment

Separate QA/QC measures were implemented for each of the instruments used in the performance of the SAP.

13.2.1 Geoprobe

Prior to arrival on the Site and between sample locations, the probes were decontaminated by washing them with a detergent (Alconox) and potable water solution and rinsing them with distilled water.

13.2.2 Photo Ionization Detector

Calibration of the PID was conducted prior to sampling using a span gas of known concentration. The PID was a MiniRae 3000, photo ionization detection meter.

13.2.3 Sample Vessels

All sample vessels were "level A" certified decontaminated containers supplied by a New York State Certified Commercial Laboratory. Samples analyzed for hydrocarbons were placed in containers with Teflon lined caps. All samples were preserved by cooling them to a temperature of approximately four degrees Celsius.

13.3 Sample Documentation

A sample represents physical evidence. An essential part of liability reduction is the proper control of gathered evidence. To establish proper control, the following sample identification and chain-of custody procedures were followed.

13.3.1 Sample Identification

Sample identification was executed by use of a sample tag, log book and chain-of-custody form. Said documentation provided the following information: 1) the project code; 2) the sample laboratory number; 3) the sample preservation; 4) instrument used for source sample grabs; 5) the composite medium used for source sample grabs; 6) the date the sample was secured from the source media; 7) the time the sample was secured from the source media; and 8) the person who secured the sample from the source media.

13.3.2 Chain-of-Custody Procedures

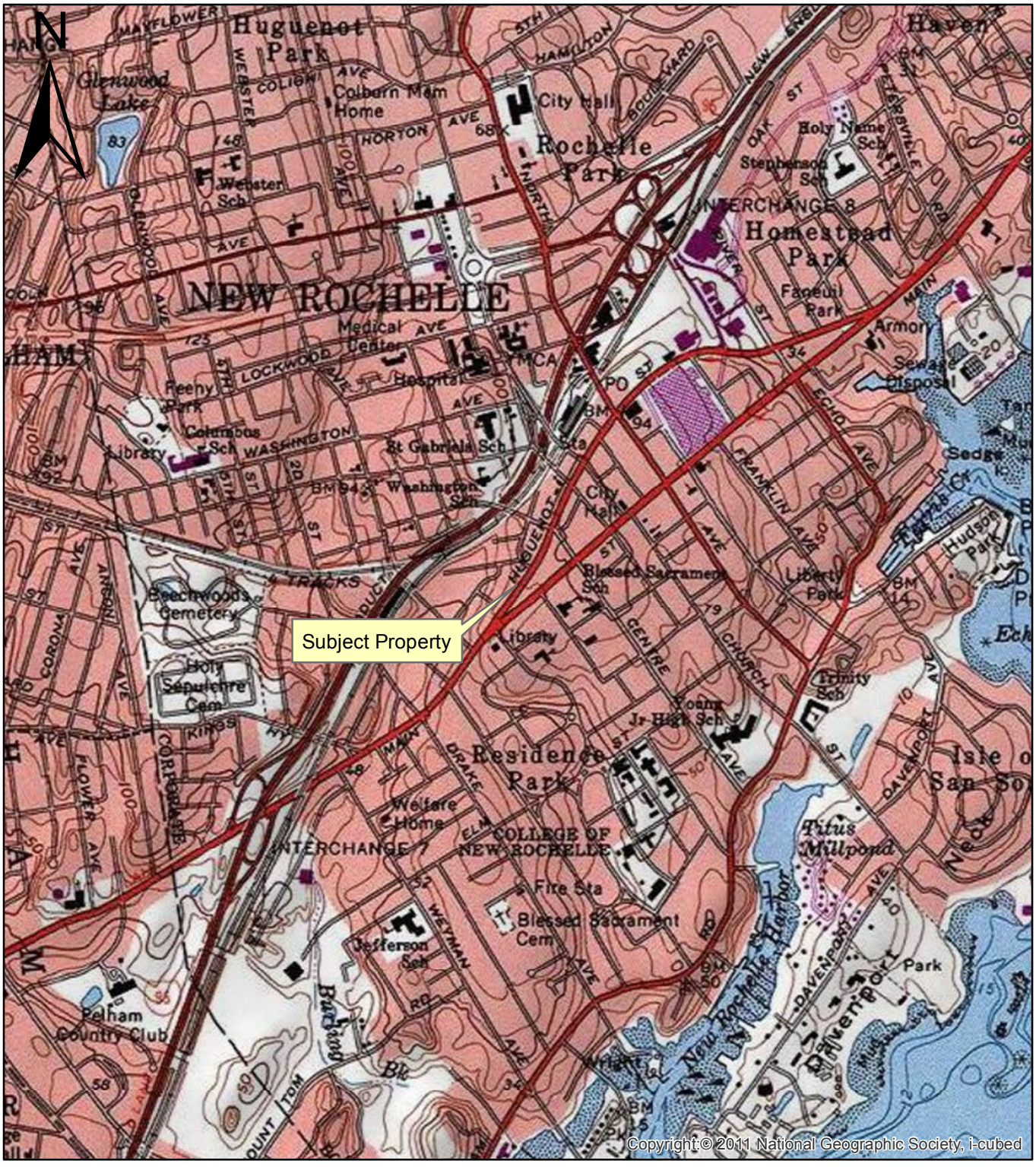
Due to the evidential nature of samples, possession was traceable from the time the samples were collected until they were received by the testing laboratory. A sample was considered under custody if it: was in a person's possession; it was in a person's view, after being in possession; if it was in a person's possession and they locked it up; or, it was in a designated secure area. When transferring custody, the individuals relinquishing and receiving the samples signed, dated and noted the time on the Chain-of-Custody Form.

13.3.3 Laboratory-Custody Procedures

A designated sample custodian accepted custody of the shipped samples and verified that the information on the sample tags matched that on the Chain-of-Custody Records. Pertinent information as to shipment, pick-up, courier, etc., were entered in the "remarks" section. The custodian entered the sample tag data into a bound logbook.

The laboratory custodian used the sample tag number, or assigned a unique laboratory number to each sample tag, and assured that all samples were transferred to the proper analyst or stored in the appropriate source area. The laboratory custodian distributed samples to the appropriate analysts. Laboratory personnel were responsible for the care and custody of samples, from the time they were received, until the sample was exhausted or returned to the sample custodian. All identifying data sheets and laboratory records were retained as part of the permanent documentation. Samples received by the laboratory were retained until after analysis and quality assurance checks were completed.

FIGURES



USGS 7.5 Minute Quadrangle Topographic Map (2011)

SCALE: 1:24,000

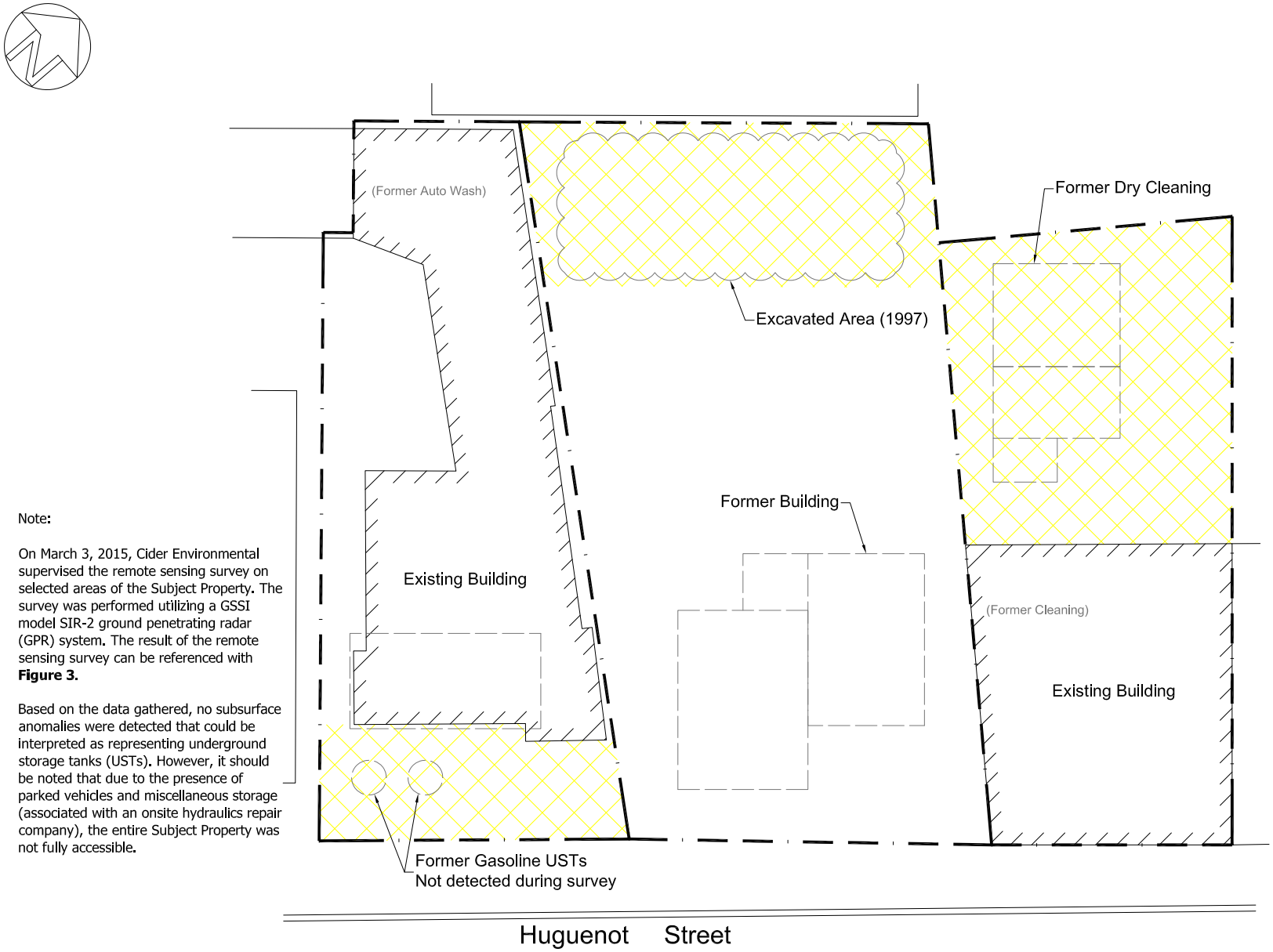
0 0.125 0.25 0.5 0.75 1 Miles

TITLE	SITE LOCATION MAP		Figure No. 01
PROJECT	381-393 Huguenot Street New Rochelle, New York		Project No. 2015-188
CIDER ENVIRONMENTAL	DESIGN	WF	1-18-2016
	CHECK		
	REVIEW		

SCALE: 1:1,000

0 25 50 100 150 200 Feet

TITLE	SITE LAYOUT MAP		Figure No. 02
PROJECT	381-393 Huguenot Street New Rochelle, New York		Project No. 2015-188
EIDER ENVIRONMENTAL	DESIGN	WF	1-18-2016
	CHECK		
	REVIEW		



Note:

On March 3, 2015, Cider Environmental supervised the remote sensing survey on selected areas of the Subject Property. The survey was performed utilizing a GSSI model SIR-2 ground penetrating radar (GPR) system. The result of the remote sensing survey can be referenced with **Figure 3.**

Based on the data gathered, no subsurface anomalies were detected that could be interpreted as representing underground storage tanks (USTs). However, it should be noted that due to the presence of parked vehicles and miscellaneous storage (associated with an onsite hydraulics repair company), the entire Subject Property was not fully accessible.

Scale in Feet

10 5 0 10 20

Legend

Remote Sensing Survey Area

TITLE: Remote Sensing Survey Results

381-393 Huguenot Street, New Rochelle, New York

DRAWN BY:	WF	REVISED BY:		PROJECT No. 2015-188
CHECKED BY:	JC	REVISED DATE:		
DATE:	3-14-2016	APPROVED BY:		FIGURE No. 03
SCALE:	1" = 25'	FILE NAME:		

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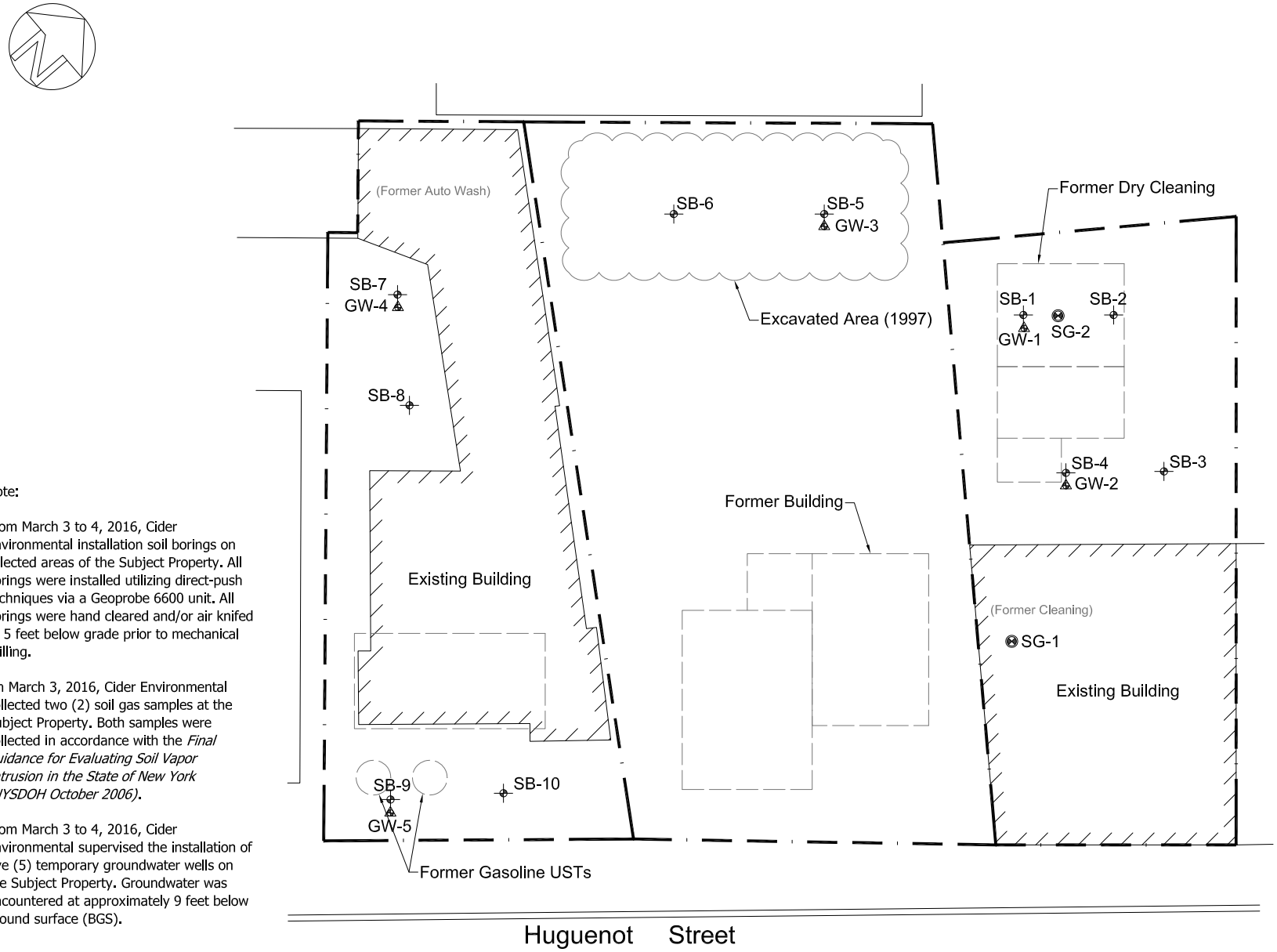

Note:

From March 3 to 4, 2016, Cider Environmental installation soil borings on selected areas of the Subject Property. All borings were installed utilizing direct-push techniques via a Geoprobe 6600 unit. All borings were hand cleared and/or air knifed to 5 feet below grade prior to mechanical drilling.

On March 3, 2016, Cider Environmental collected two (2) soil gas samples at the Subject Property. Both samples were collected in accordance with the *Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH October 2006)*.

From March 3 to 4, 2016, Cider Environmental supervised the installation of five (5) temporary groundwater wells on the Subject Property. Groundwater was encountered at approximately 9 feet below ground surface (BGS).

Scale in Feet

10 5 0 10 20

Legend

- Groundwater Temporary Well
- Soil Sampling Point
- Soil Gas Sampling Point

TITLE: Sampling Location Map

381-393 Huguenot Street, New Rochelle, New York

DRAWN BY:	WF	REVISED BY:		PROJECT No. 2015-188
CHECKED BY:	JC	REVISED DATE:		
DATE:	3-14-2016	APPROVED BY:		FIGURE No. 04
SCALE:	1" = 25'	FILE NAME:		

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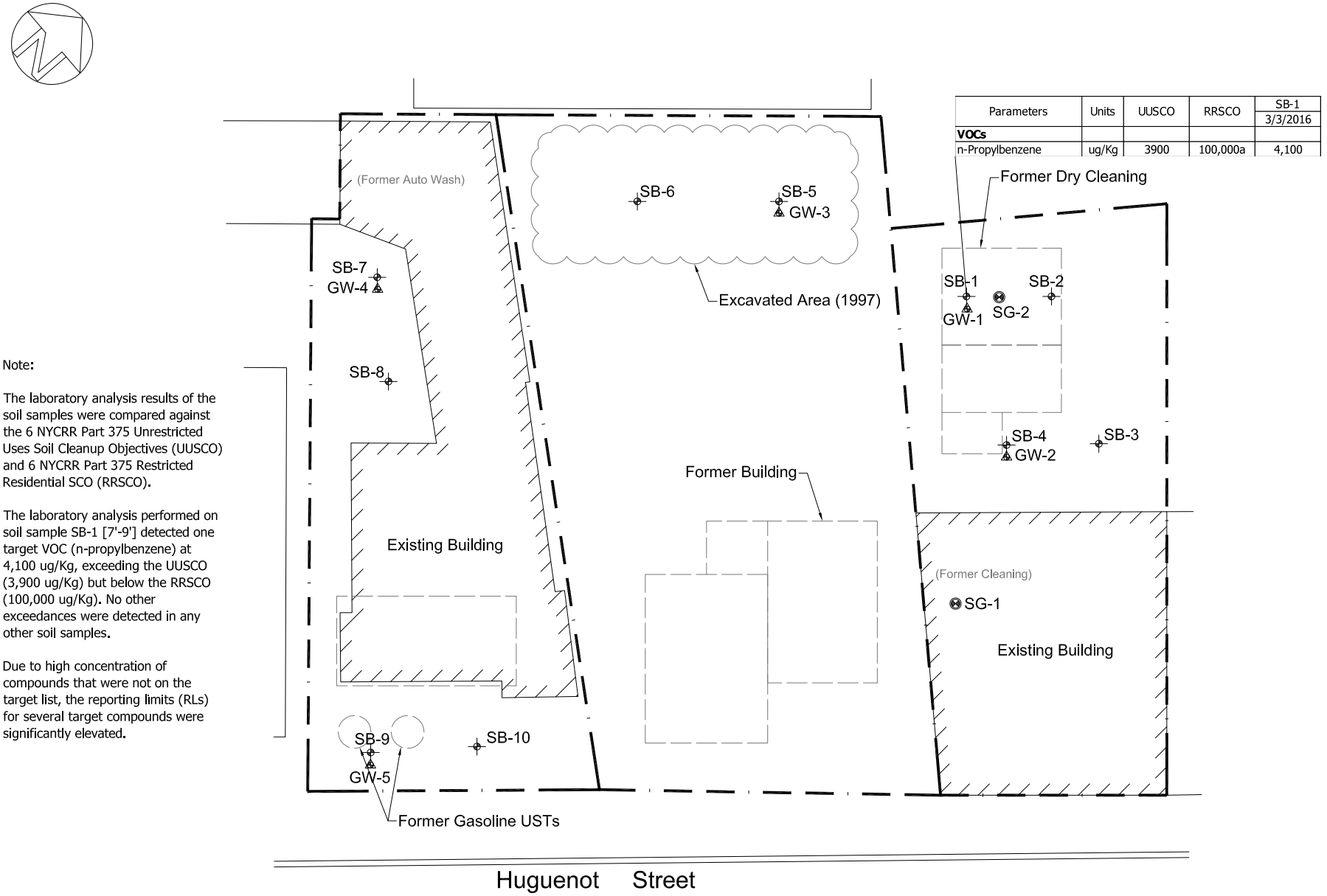

Parameters	Units	UUSCO	RRSCO	SB-1
				3/3/2016
VOCs				
n-Propylbenzene	ug/Kg	3900	100,000a	4,100

Note:

The laboratory analysis results of the soil samples were compared against the 6 NYCRR Part 375 Unrestricted Uses Soil Cleanup Objectives (UUSCO) and 6 NYCRR Part 375 Restricted Residential SCO (RRSCO).

The laboratory analysis performed on soil sample SB-1 [7'-9'] detected one target VOC (n-propylbenzene) at 4,100 ug/Kg, exceeding the UUSCO (3,900 ug/Kg) but below the RRSCO (100,000 ug/Kg). No other exceedances were detected in any other soil samples.

Due to high concentration of compounds that were not on the target list, the reporting limits (RLs) for several target compounds were significantly elevated.

Scale in Feet

10 5 0 10 20

Legend

- Groundwater Temporary Well
- Soil Sampling Point
- Soil Gas Sampling Point

TITLE: Summary of Exceedances- Soil

381-393 Huguenot Street, New Rochelle, New York

DRAWN BY:	WF	REVISED BY:		PROJECT No. 2015-188
CHECKED BY:	JC	REVISED DATE:		
DATE:	3-14-2016	APPROVED BY:		FIGURE No. 05
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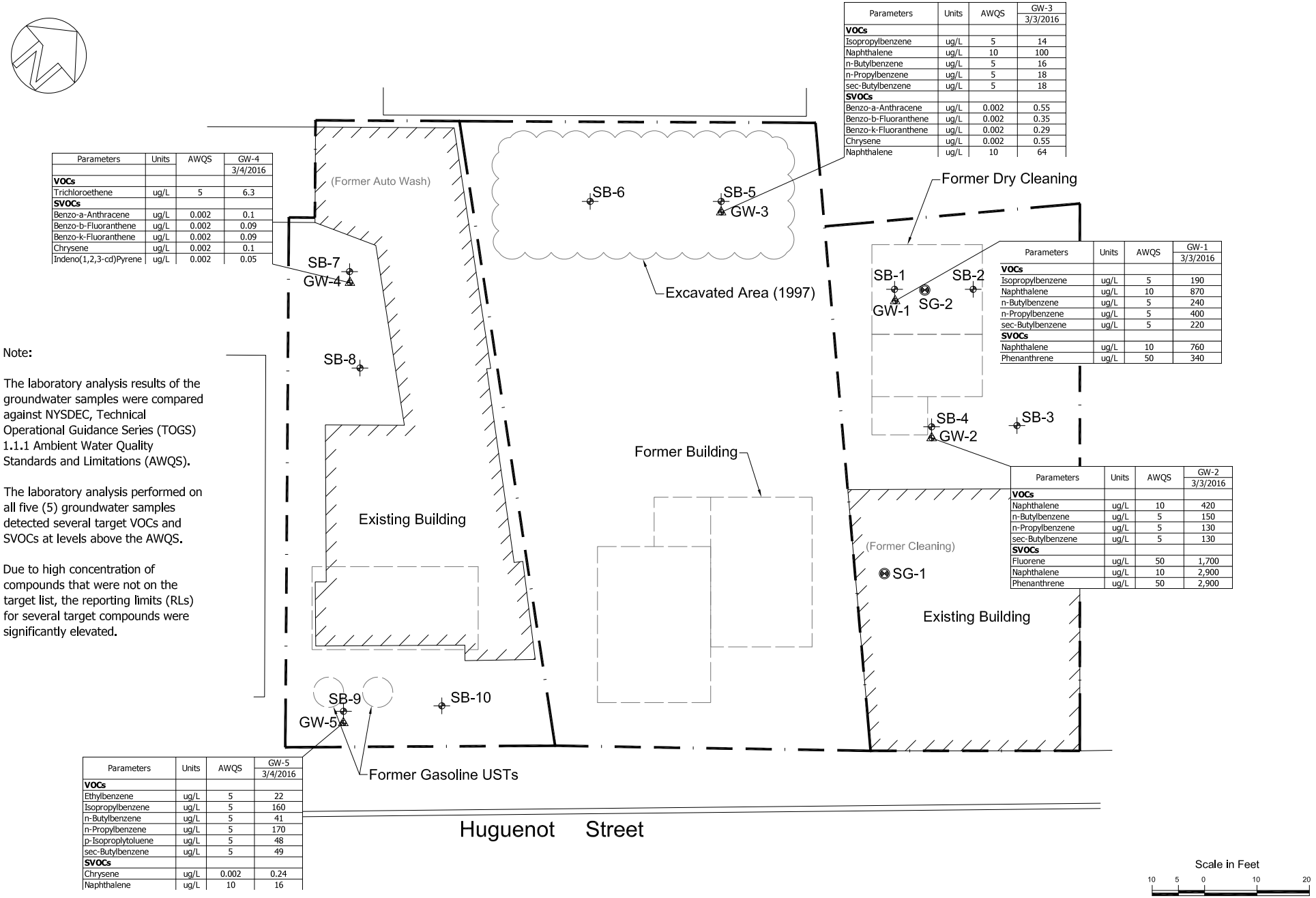

Parameters	Units	AWQS	GW-3
			3/3/2016
VOCs			
Isopropylbenzene	ug/L	5	14
Naphthalene	ug/L	10	100
n-Butylbenzene	ug/L	5	16
n-Propylbenzene	ug/L	5	18
sec-Butylbenzene	ug/L	5	18
SVOCs			
Benzo-a-Anthracene	ug/L	0.002	0.55
Benzo-b-Fluoranthene	ug/L	0.002	0.35
Benzo-k-Fluoranthene	ug/L	0.002	0.29
Chrysene	ug/L	0.002	0.55
Naphthalene	ug/L	10	64

Parameters	Units	AWQS	GW-4
			3/4/2016
VOCs			
Trichloroethene	ug/L	5	6.3
SVOCs			
Benzo-a-Anthracene	ug/L	0.002	0.1
Benzo-b-Fluoranthene	ug/L	0.002	0.09
Benzo-k-Fluoranthene	ug/L	0.002	0.09
Chrysene	ug/L	0.002	0.1
Indeno(1,2,3-cd)Pyrene	ug/L	0.002	0.05

Parameters	Units	AWQS	GW-1
			3/3/2016
VOCs			
Isopropylbenzene	ug/L	5	190
Naphthalene	ug/L	10	870
n-Butylbenzene	ug/L	5	240
n-Propylbenzene	ug/L	5	400
sec-Butylbenzene	ug/L	5	220
SVOCs			
Naphthalene	ug/L	10	760
Phenanthrene	ug/L	50	340

Parameters	Units	AWQS	GW-2
			3/3/2016
VOCs			
Naphthalene	ug/L	10	420
n-Butylbenzene	ug/L	5	150
n-Propylbenzene	ug/L	5	130
sec-Butylbenzene	ug/L	5	130
SVOCs			
Fluorene	ug/L	50	1,700
Naphthalene	ug/L	10	2,900
Phenanthrene	ug/L	50	2,900

Parameters	Units	AWQS	GW-5
			3/4/2016
VOCs			
Ethylbenzene	ug/L	5	22
Isopropylbenzene	ug/L	5	160
n-Butylbenzene	ug/L	5	41
n-Propylbenzene	ug/L	5	170
p-Isoproplytoluene	ug/L	5	48
sec-Butylbenzene	ug/L	5	49
SVOCs			
Chrysene	ug/L	0.002	0.24
Naphthalene	ug/L	10	16

Note:

The laboratory analysis results of the groundwater samples were compared against NYSDEC, Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Limitations (AWQS).

The laboratory analysis performed on all five (5) groundwater samples detected several target VOCs and SVOCs at levels above the AWQS.

Due to high concentration of compounds that were not on the target list, the reporting limits (RLs) for several target compounds were significantly elevated.

Scale in Feet

10 5 0 10 20

Legend

- Groundwater Temporary Well
- Soil Sampling Point
- Soil Gas Sampling Point

TITLE: Summary of Exceedances- Groundwater

381-393 Huguenot Street, New Rochelle, New York

DRAWN BY:	WF	REVISED BY:		PROJECT No. 2015-188
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DATE:	3-14-2016	APPROVED BY:		FIGURE No. 06
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TABLES

Table 1: Selected Samples and Analysis Methods Summary
381-393 Huguenot Street, New Rochelle, New York

Sample ID	Matrix	Depth / Location	Date	USEPA Test Method	Target Analytes
SB-1 [7'-9']	Soil	7'-9'	3/3/2016	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
SB-2 [5'-7']	Soil	5'-7'	3/3/2016	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
SB-3 [7'-9']	Soil	7'-9'	3/3/2016	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
SB-4 [7'-9']	Soil	7'-9'	3/3/2016	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
SB-5 [7'-9']	Soil	7'-9'	3/3/2016	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
SB-6 [7'-9']	Soil	7'-9'	3/3/2016	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
SB-7 [5'-7']	Soil	5'-7'	3/3/2016	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
SB-8 [5'-7']	Soil	5'-7'	3/4/2016	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
SB-9 [10'-12']	Soil	10'-12'	3/4/2016	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
SB-9 [8'-10']	Soil	8'-10'	3/4/2016	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
GW-1	Groundwater	10'	3/3/2016	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
GW-2	Groundwater	10'	3/3/2016	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
GW-3	Groundwater	10'	3/3/2016	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
GW-4	Groundwater	10'	3/4/2016	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
GW-5	Groundwater	10'	3/4/2016	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
SG-1	Soil Gas	2' below basement slab	3/3/2016	TO-15	VOCs
SG-2	Soil Gas	2'	3/3/2016	TO-15	VOCs

Table 2: Laboratory Analysis Results- Soil

383-391 Huguenot Street, New Rochelle, New York

Parameters	Sample ID	Units	NYCRR 375	NYCRR 375	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10
	Sample Date		Unrestricted	Restricted-	3/3/2016	3/3/2016	3/3/2016	3/3/2016	3/3/2016	3/3/2016	3/4/2016	3/4/2016	3/4/2016	3/4/2016
	CAS		Use	Residential	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatiles By SW8260C														
1,1,1,2-Tetrachloroethane	630-20-6	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,1,1-Trichloroethane	71-55-6	ug/Kg	680	100,000a	< 1300	< 1100	< 250	< 640	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,1,2-Trichloroethane	79-00-5	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,1-Dichloroethane	75-34-3	ug/Kg	270	26000	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,1-Dichloroethene	75-35-4	ug/Kg	330	100,000a	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,1-Dichloropropene	563-58-6	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,2,3-Trichlorobenzene	87-61-6	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,2,3-Trichloropropane	96-18-4	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,2,4-Trichlorobenzene	120-82-1	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,2,4-Trimethylbenzene	95-63-6	ug/Kg	3600	52000	< 1300	< 1100	1,400	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,2-Dibromo-3-Chloropropane	96-12-8	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,2-Dibromoethane	106-93-4	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,2-Dichlorobenzene	95-50-1	ug/Kg	1100	100,000a	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,2-Dichloroethane	107-06-2	ug/Kg	20c	3100	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,2-Dichloropropane	78-87-5	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,3,5-Trimethylbenzene	108-67-8	ug/Kg	8400	52000	< 1300	< 1100	230	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,3-Dichlorobenzene	541-73-1	ug/Kg	2400	49000	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,3-Dichloropropane	142-28-9	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
1,4-Dichlorobenzene	106-46-7	ug/Kg	1800	13000	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
2,2-Dichloropropane	594-20-7	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
2-Chlorotoluene	95-49-8	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
2-Hexanone	591-78-6	ug/Kg	NA	NA	< 1300	< 5700	< 1300	< 1300	< 25	< 12	< 21	< 17	< 3500	< 980
2-Isopropyltoluene	527-84-4	ug/Kg	NA	NA	1,400	< 1100	< 250	530	17	< 2.5	< 4.1	< 3.4	< 700	960
4-Chlorotoluene	106-43-4	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Methyl Isobutyl Ketone	108-10-1	ug/Kg	NA	NA	< 6500	< 5700	< 1300	< 1300	< 25	< 12	< 21	< 17	< 3500	< 980
Acetone	67-64-1	ug/Kg	50	100,000b	< 6500	< 5700	< 1300	< 1300	< 25	< 12	< 21	< 17	< 3500	< 980
Acrylonitrile	107-13-1	ug/Kg	NA	NA	< 1300	< 2300	< 510	< 250	< 9.9	< 4.9	< 8.3	< 6.7	< 700	< 390
Benzene	71-43-2	ug/Kg	60	4800	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Bromobenzene	108-86-1	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Bromochloromethane	74-97-5	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Bromodichloromethane	75-27-4	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Bromoform	75-25-2	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Bromomethane	74-83-9	ug/Kg	NA	NA	< 2600	< 1100	< 250	< 510	< 4.9	< 2.5	< 4.1	< 3.4	< 1400	< 200
Carbon Disulfide	75-15-0	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Carbon Tetrachloride	56-23-5	ug/Kg	760	2400	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Chlorobenzene	108-90-7	ug/Kg	1100	100,000a	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Chloroethane	75-00-3	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Chloroform	67-66-3	ug/Kg	370	49000	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Chloromethane	74-87-3	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
cis-1,2-Dichloroethene	156-59-2	ug/Kg	250	100,000a	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
cis-1,3-Dichloropropene	10061-01-5	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Chlorodibromomethane	124-48-1	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Dibromomethane	74-95-3	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Dichlorodifluoromethane	75-71-8	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Ethylbenzene	100-41-4	ug/Kg	1000	41000	< 1300	< 1100	340	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	270
Hexachlorobutadiene	87-68-3	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Isopropylbenzene	98-82-8	ug/Kg	NA	NA	1,800	< 1100	220	590	7.3	< 2.5	< 4.1	< 3.4	1,400	2,300

Table 2: Laboratory Analysis Results- Soil

383-391 Huguenot Street, New Rochelle, New York

Parameters	Sample ID / Sample Date / CAS	Units	NYCRR 375 Unrestricted Use	NYCRR 375 Restricted-Residential	SB-1 3/3/2016 Result	SB-2 3/3/2016 Result	SB-3 3/3/2016 Result	SB-4 3/3/2016 Result	SB-5 3/3/2016 Result	SB-6 3/3/2016 Result	SB-7 3/4/2016 Result	SB-8 3/4/2016 Result	SB-9 3/4/2016 Result	SB-10 3/4/2016 Result
m&p-Xylene	179601-23-1	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
2-Butanone	78-93-3	ug/Kg	NA	100,000a	< 1300	< 5700	< 1300	< 1300	< 25	< 12	< 21	< 17	< 3500	< 980
Methyl Tert-Butyl Ether	1634-04-4	ug/Kg	930	100,000a	< 1300	< 2300	< 510	< 250	< 9.9	< 4.9	< 8.3	< 6.7	< 700	< 390
Methylene Chloride	75-09-2	ug/Kg	50	100,000a	< 6500	< 2300	< 510	< 1300	< 9.9	< 4.9	< 8.3	< 6.7	< 3500	< 390
Naphthalene	91-20-3	ug/Kg	12000	100,000a	4,400	1,900	1,800	5,300	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
n-Butylbenzene	104-51-8	ug/Kg	12000	100,000a	3,200	1,100	370	2,300	31	< 2.5	< 4.1	< 3.4	900	2,200
n-Propylbenzene	103-65-1	ug/Kg	3900	100,000a	4,100	1,100	480	890	< 4.9	< 2.5	< 4.1	< 3.4	1,800	3,200
o-Xylene	95-47-6	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
p-Isoproplytoluene	99-87-6	ug/Kg	NA	NA	< 1300	< 1100	310	260	< 4.9	< 2.5	< 4.1	< 3.4	< 700	2,300
sec-Butylbenzene	135-98-8	ug/Kg	11000	100,000a	3,500	1,200	370	1,300	53	< 2.5	< 4.1	< 3.4	930	2,000
Styrene	100-42-5	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
tert-Butylbenzene	98-06-6	ug/Kg	5900	100,000a	< 1300	< 1100	< 250	< 250	8.2	< 2.5	< 4.1	< 3.4	< 700	350
Tetrachloroethene	127-18-4	ug/Kg	1300	19000	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Tetrahydrofuran	109-99-9	ug/Kg			< 3200	< 2300	< 510	< 250	< 9.9	< 4.9	< 8.3	< 6.7	< 1800	< 390
Toluene	108-88-3	ug/Kg	700	100,000a	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Total Xylenes	1330-20-7	ug/Kg	260	100,000a	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
trans-1,2-Dichloroethene	156-60-5	ug/Kg	190	100,000a	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
trans-1,3-Dichloropropene	10061-02-6	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
trans-1,4-dichloro-2-butene	110-57-6	ug/Kg			< 3200	< 2300	< 510	< 640	< 9.9	< 4.9	< 8.3	< 6.7	< 1800	< 390
Trichloroethene	79-01-6	ug/Kg	470	21000	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Trichlorofluoromethane	75-69-4	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Trichlorotrifluoroethane	76-13-1	ug/Kg	NA	NA	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Vinyl Chloride	75-01-4	ug/Kg	20	900	< 1300	< 1100	< 250	< 250	< 4.9	< 2.5	< 4.1	< 3.4	< 700	< 200
Semivolatiles-STARS/CP-51 By SW8270D														
Acenaphthene	83-32-9	ug/Kg	20000	100,000a	710	680	1,700	1,000	< 260	< 260	< 260	< 260	< 260	< 260
Acenaphthylene	208-96-8	ug/Kg	100,000a	100,000a	< 270	320	510	< 280	< 260	< 260	< 260	< 260	< 260	< 260
Anthracene	120-12-7	ug/Kg	100,000a	100,000a	300	350	690	320	< 260	< 260	< 260	< 260	< 260	< 260
Benzo-a-Anthracene	56-55-3	ug/Kg	1,000c	1,000f	< 270	< 260	< 260	< 280	< 260	< 260	< 260	< 260	< 260	< 260
Benzo-a-Pyrene	50-32-8	ug/Kg	1,000c	1,000f	< 270	< 260	< 260	< 280	< 260	< 260	< 260	< 260	< 260	< 260
Benzo-b-Fluoranthene	205-99-2	ug/Kg	1,000c	1,000f	< 270	< 260	< 260	< 280	< 260	< 260	< 260	< 260	< 260	< 260
Benzo-g,h,i-Perylene	191-24-2	ug/Kg	100000	100,000a	< 270	< 260	< 260	< 280	< 260	< 260	< 260	< 260	< 260	< 260
Benzo-k-Fluoranthene	207-08-9	ug/Kg	800c	3900	< 270	< 260	< 260	< 280	< 260	< 260	< 260	< 260	< 260	< 260
Chrysene	218-01-9	ug/Kg	1,000c	3900	< 270	< 260	< 260	< 280	< 260	< 260	< 260	< 260	< 260	< 260
Dibenzo-a,h-Anthracene	53-70-3	ug/Kg	330b	330e	< 270	< 260	< 260	< 280	< 260	< 260	< 260	< 260	< 260	< 260
Fluoranthene	206-44-0	ug/Kg	100000	100,000a	360	< 260	< 260	< 280	< 260	< 260	< 260	< 260	< 260	< 260
Fluorene	86-73-7	ug/Kg	30000	100,000a	960	1,200	1,900	1,600	< 260	< 260	< 260	< 260	< 260	< 260
Indeno(1,2,3-cd)Pyrene	193-39-5	ug/Kg	500c	500f	< 270	< 260	< 260	< 280	< 260	< 260	< 260	< 260	< 260	< 260
Naphthalene	91-20-3	ug/Kg	12000	100,000a	3,100	6,100	3,500	2,400	< 260	< 260	< 260	< 260	< 260	< 260
Phenanthrene	85-01-8	ug/Kg	100000	100,000a	2,800	3,200	6,700	2,500	< 260	< 260	< 260	< 260	< 260	< 260
Pyrene	129-00-0	ug/Kg	100000	100,000a	450	< 260	400	< 280	< 260	< 260	< 260	< 260	< 260	< 260

Notes:

ug/Kg: microgram per kilogram (ppb)

mg/Kg: miligram per kilogram (ppm)

Analyte detected

Detected at concentration above 6 NYCRR Part 375 Unrestricted Soil Cleanup Objectives

Detected at concentration above 6 NYCRR Part 375 Restricted Residential Soil Cleanup Objectives

Table 3: Laboratory Analysis Reuslts- Groundwater
383-391 Huguenot Street, New Rochelle, New York

Parameters	Sample ID / Sample Date / CAS	Units	NYSDEC TOGS 1.1.1. AWQS	GW-1 3/3/2016 Result	GW-2 3/3/2016 Result	GW-3 3/3/2016 Result	GW-4 3/4/2016 Result	GW-5 3/4/2016 Result
Volatiles By SW8260C								
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
1,1,1-Trichloroethane	71-55-6	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5	< 50	< 50	< 5.0	< 0.50	< 10
1,1,2-Trichloroethane	79-00-5	ug/L	1	< 100	< 100	< 10	< 1.0	< 20
1,1-Dichloroethane	75-34-3	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
1,1-Dichloroethene	75-35-4	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
1,1-Dichloropropene	563-58-6	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
1,2,3-Trichlorobenzene	87-61-6	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
1,2,3-Trichloropropane	96-18-4	ug/L	0.04	< 100	< 100	< 10	< 1.0	< 20
1,2,4-Trichlorobenzene	120-82-1	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
1,2,4-Trimethylbenzene	95-63-6	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	0.04	< 100	< 100	< 10	< 1.0	< 20
1,2-Dibromoethane	106-93-4	ug/L	0.0006	< 100	< 100	< 10	< 1.0	< 20
1,2-Dichlorobenzene	95-50-1	ug/L	3	< 100	< 100	< 10	< 1.0	< 20
1,2-Dichloroethane	107-06-2	ug/L	0.6	< 60	< 60	< 6.0	< 0.60	< 12
1,2-Dichloropropane	78-87-5	ug/L	1	< 100	< 100	< 10	< 1.0	< 20
1,3,5-Trimethylbenzene	108-67-8	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
1,3-Dichlorobenzene	541-73-1	ug/L	3	< 100	< 100	< 10	< 1.0	< 20
1,3-Dichloropropane	142-28-9	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
1,4-Dichlorobenzene	106-46-7	ug/L	3	< 100	< 100	< 10	< 1.0	< 20
2,2-Dichloropropane	594-20-7	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
2-Chlorotoluene	95-49-8	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
2-Hexanone	591-78-6	ug/L	50	< 500	< 500	< 50	< 5.0	< 100
2-Isopropyltoluene	527-84-4	ug/L	NA	100	< 100	< 10	< 1.0	24
4-Chlorotoluene	106-43-4	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
Methyl Isobutyl Ketone	108-10-1	ug/L	NA	< 500	< 500	< 50	< 5.0	< 100
Acetone	67-64-1	ug/L	50	< 2500	< 2500	< 250	< 25	< 500
Acrylonitrile	107-13-1	ug/L	5	< 500	< 500	< 50	< 5.0	< 100
Benzene	71-43-2	ug/L	1	< 70	< 70	< 7.0	< 0.70	< 14
Bromobenzene	108-86-1	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
Bromochloromethane	74-97-5	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
Bromodichloromethane	75-27-4	ug/L	50	< 50	< 50	< 5.0	< 0.50	< 10
Bromoform	75-25-2	ug/L	50	< 100	< 100	< 10	< 1.0	< 20
Bromomethane	74-83-9	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
Carbon Disulfide	75-15-0	ug/L	60	< 500	< 500	< 50	< 5.0	< 100
Carbon Tetrachloride	56-23-5	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
Chlorobenzene	108-90-7	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
Chloroethane	75-00-3	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
Chloroform	67-66-3	ug/L	7	< 100	< 100	< 10	< 1.0	< 20
Chloromethane	74-87-3	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
cis-1,2-Dichloroethene	156-59-2	ug/L	5	< 100	< 100	< 10	1.2	< 20
cis-1,3-Dichloropropene	10061-01-5	ug/L	0.4	< 40	< 40	< 4.0	< 0.40	< 8.0
Chlorodibromomethane	124-48-1	ug/L	50	< 50	< 50	< 5.0	< 0.50	< 10
Dibromomethane	74-95-3	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
Dichlorodifluoromethane	75-71-8	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
Ethylbenzene	100-41-4	ug/L	5	< 100	< 100	< 10	< 1.0	22
Hexachlorobutadiene	87-68-3	ug/L	0.01	< 40	< 40	< 4.0	< 0.40	< 8.0
Isopropylbenzene	98-82-8	ug/L	5	190	< 100	14	< 1.0	160
m&p-Xylene	179601-23-1	ug/L	NA	< 100	< 100	< 10	< 1.0	< 20
2-Butanone	78-93-3	ug/L	50	< 500	< 500	< 50	< 5.0	< 100
Methyl Tert-Butyl Ether	1634-04-4	ug/L	10	< 100	< 100	< 10	1.5	< 20
Methylene Chloride	75-09-2	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
Naphthalene	91-20-3	ug/L	10	870	420	100	< 1.0	< 20
n-Butylbenzene	104-51-8	ug/L	5	240	150	16	< 1.0	41
n-Propylbenzene	103-65-1	ug/L	5	400	130	18	< 1.0	170
o-Xylene	95-47-6	ug/L	NA	< 100	< 100	< 10	< 1.0	< 20
p-Isoproplytoluene	99-87-6	ug/L	5	< 100	< 100	< 10	< 1.0	48
sec-Butylbenzene	135-98-8	ug/L	5	220	130	18	< 1.0	49
Styrene	100-42-5	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
tert-Butylbenzene	98-06-6	ug/L	NA	< 100	< 100	< 10	< 1.0	< 20
Tetrachloroethene	127-18-4	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
Tetrahydrofuran	109-99-9	ug/L	50	< 250	< 250	< 25	< 2.5	< 50
Toluene	108-88-3	ug/L	5	< 100	< 100	< 10	< 1.0	< 20

Table 3: Laboratory Analysis Reuslts- Groundwater
383-391 Huguenot Street, New Rochelle, New York

Parameters	Sample ID / Sample Date / CAS	Units	NYSDEC TOGS 1.1.1. AWQS	GW-1 3/3/2016 Result	GW-2 3/3/2016 Result	GW-3 3/3/2016 Result	GW-4 3/4/2016 Result	GW-5 3/4/2016 Result
Total Xylenes	1330-20-7	ug/L	15	< 100	< 100	< 10	< 1.0	< 20
trans-1,2-Dichloroethene	156-60-5	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
trans-1,3-Dichloropropene	10061-02-6	ug/L	0.4	< 40	< 40	< 4.0	< 0.40	< 8.0
trans-1,4-dichloro-2-butene	110-57-6	ug/L	5	< 500	< 500	< 50	< 5.0	< 100
Trichloroethene	79-01-6	ug/L	5	< 100	< 100	< 10	6.3	< 20
Trichlorofluoromethane	75-69-4	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
Trichlorotrifluoroethane	76-13-1	ug/L	5	< 100	< 100	< 10	< 1.0	< 20
Vinyl Chloride	75-01-4	ug/L	2	< 100	< 100	< 10	< 1.0	< 20
Semivolatiles by SIM By SW8270D (SIM)								
2-Methylnaphthalene	91-57-6	ug/L	NA	950	5,500	110	< 0.10	190
Acenaphthene	83-32-9	ug/L	20	< 250	< 1300	14	< 0.10	1.5
Acenaphthylene	208-96-8	ug/L	NA	< 250	< 1300	8.2	< 0.10	< 1.1
Anthracene	120-12-7	ug/L	50	< 250	< 1300	7	< 0.10	1.2
Benzo-a-Anthracene	56-55-3	ug/L	0.002	< 250	< 1300	0.55	0.1	< 0.21
Benzo-a-Pyrene	50-32-8	ug/L	MDL	< 250	< 1300	0.29	0.07	< 0.21
Benzo-b-Fluoranthene	205-99-2	ug/L	0.002	< 250	< 1300	0.35	0.09	< 0.21
Benzo-g,h,i-Perylene	191-24-2	ug/L	NA	< 250	< 1300	< 1.0	< 0.10	< 1.1
Benzo-k-Fluoranthene	207-08-9	ug/L	0.002	< 250	< 1300	0.29	0.09	< 0.21
Chrysene	218-01-9	ug/L	0.002	< 250	< 1300	0.55	0.1	0.24
Dibenzo-a,h-Anthracene	53-70-3	ug/L	NA	< 250	< 1300	< 0.10	0.02	< 0.11
Fluoranthene	206-44-0	ug/L	50	< 250	< 1300	1.3	0.24	< 1.1
Fluorene	86-73-7	ug/L	50	< 250	1,700	32	< 0.10	4.7
Indeno(1,2,3-cd)Pyrene	193-39-5	ug/L	0.002	< 250	< 1300	< 0.20	0.05	< 0.21
Naphthalene	91-20-3	ug/L	10	760	2,900	64	< 0.10	16
Phenanthrene	85-01-8	ug/L	50	340	2,900	40	0.18	6.1
Pyrene	129-00-0	ug/L	50	< 250	< 1300	2.2	0.24	< 1.1

Notes:
mg/L: miligram per liter (ppm)
ug/L: microgram per liter (ppb)
Analyte detected
Concentratoin above TOGS 1.1.1 Ambient Water Quality Standard

Table 4: Laboratory Analysis Results- Soil Gas
383-391 Huguenot Street, New Rochelle, New York

Parameters	Sample ID / Sample Date / CAS	Units	NYSDOH Action Levels	SG-1 3/3/2016 Result	SG-2 3/3/2016 Result
Volatiles (TO15) By TO15					
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3		< 1.00	< 15.0
1,1,1-Trichloroethane	71-55-6	ug/m3	1000	< 1.00	< 15.0
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3		< 1.00	< 15.0
1,1,2-Trichloroethane	79-00-5	ug/m3		< 1.00	< 15.0
1,1-Dichloroethane	75-34-3	ug/m3		< 1.00	< 15.0
1,1-Dichloroethene	75-35-4	ug/m3	1000	< 1.00	< 15.0
1,2,4-Trichlorobenzene	120-82-1	ug/m3		< 1.00	19.4
1,2,4-Trimethylbenzene	95-63-6	ug/m3		1.07	988
1,2-Dibromoethane(EDB)	106-93-4	ug/m3		< 1.00	< 15.0
1,2-Dichlorobenzene	95-50-1	ug/m3		< 1.00	< 15.0
1,2-Dichloroethane	107-06-2	ug/m3		< 1.00	< 15.0
1,2-Dichloropropane	78-87-5	ug/m3		< 1.00	< 15.0
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3		< 1.00	< 15.0
1,3,5-Trimethylbenzene	108-67-8	ug/m3		< 1.00	904
1,3-Butadiene	106-99-0	ug/m3		< 1.00	< 15.0
1,3-Dichlorobenzene	541-73-1	ug/m3		< 1.00	< 15.0
1,4-Dichlorobenzene	106-46-7	ug/m3		< 1.00	< 15.0
1,4-Dioxane	123-91-1	ug/m3		< 1.00	< 15.0
2-Hexanone(MBK)	591-78-6	ug/m3		< 1.00	< 15.0
4-Ethyltoluene	622-96-8	ug/m3		< 1.00	194
p-Isoproplytoluene	99-87-6	ug/m3		< 1.00	150
Methyl Isobutyl Ketone	108-10-1	ug/m3		< 1.00	< 15.0
Acetone	67-64-1	ug/m3		11.3	< 15.0
Acrylonitrile	107-13-1	ug/m3		< 1.00	< 15.0
Benzene	71-43-2	ug/m3		1.78	23.8
Benzyl chloride	100-44-7	ug/m3		< 1.00	< 15.0
Bromodichloromethane	75-27-4	ug/m3		< 1.00	< 15.0
Bromoform	75-25-2	ug/m3		< 1.00	< 15.0
Bromomethane	74-83-9	ug/m3		< 1.00	< 15.0
Carbon Disulfide	75-15-0	ug/m3		1.39	98.3
Carbon Tetrachloride	56-23-5	ug/m3	250	0.28	< 3.74
Chlorobenzene	108-90-7	ug/m3		< 1.00	< 15.0
Chloroethane	75-00-3	ug/m3		< 1.00	< 15.0
Chloroform	67-66-3	ug/m3		13.4	< 15.0
Chloromethane	74-87-3	ug/m3		< 1.00	< 15.0
cis-1,2-Dichloroethene	156-59-2	ug/m3	1000	< 1.00	18.4
cis-1,3-Dichloropropene	10061-01-5	ug/m3		< 1.00	< 15.0
Cyclohexane	110-82-7	ug/m3		< 1.00	513
Chlorodibromomethane	124-48-1	ug/m3		< 1.00	< 15.0
Dichlorodifluoromethane	75-71-8	ug/m3		1.73	< 15.0
Ethanol	64-17-5	ug/m3		3.58	< 15.0
Ethyl acetate	141-78-6	ug/m3		< 1.00	< 15.0
Ethylbenzene	100-41-4	ug/m3		< 1.00	133
Heptane	142-82-5	ug/m3		< 1.00	1,480
Hexachlorobutadiene	87-68-3	ug/m3		< 1.00	< 15.0
Hexane	110-54-3	ug/m3		< 1.00	497
Isopropylalcohol	67-63-0	ug/m3		3.34	< 15.0
Isopropylbenzene	98-82-8	ug/m3		< 1.00	223
Total Xylenes	179601-23-1	ug/m3		< 1.00	397
2-Butanone	78-93-3	ug/m3		1.17	< 15.0
Methyl Tert-Butyl Ether	1634-04-4	ug/m3		< 1.00	< 15.0
Methylene Chloride	75-09-2	ug/m3		< 1.00	< 15.0
n-Butylbenzene	104-51-8	ug/m3		1.05	< 15.0
o-Xylene	95-47-6	ug/m3		< 1.00	181
Propylene	115-07-1	ug/m3		2.99	253
sec-Butylbenzene	135-98-8	ug/m3		< 1.00	< 15.0
Styrene	100-42-5	ug/m3		< 1.00	< 15.0

Table 4: Laboratory Analysis Results- Soil Gas
383-391 Huguenot Street, New Rochelle, New York

Parameters	Sample ID / Sample Date / CAS	Units	NYSDOH Action Levels	SG-1 / 3/3/2016 / Result	SG-2 / 3/3/2016 / Result
Tetrachloroethene	127-18-4	ug/m3	300	1.02	4.37
Tetrahydrofuran	109-99-9	ug/m3		< 1.00	< 15.0
Toluene	108-88-3	ug/m3		1.52	35.7
trans-1,2-Dichloroethene	156-60-5	ug/m3		< 1.00	< 15.0
trans-1,3-Dichloropropene	10061-02-6	ug/m3		< 1.00	< 15.0
Trichloroethene	79-01-6	ug/m3	20	< 0.25	14.3
Trichlorofluoromethane	75-69-4	ug/m3		1.44	< 15.0
Trichlorotrifluoroethane	76-13-1	ug/m3		< 1.00	< 15.0
Vinyl Chloride	75-01-4	ug/m3	250	< 0.25	74.6

Notes:
ug/m3: microgram per cubic meter
Analyte detected
Detected at concentration above Action Levels based on NYSDOH Vapor Intrusion Decision Matrices

APPENDIX A

Field Logs

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-1**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	*on the northwest portion of the parking lot behind the building*
Date:	3/3/2016		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	4.2		Medium Moist	90%	Asphalt	No odor or staining
2	4.2		Medium Moist		Dark Medium Sand	No odor or staining
3	4.2		Medium Moist			No odor or staining
4	42		Medium Moist			Petroleum Odor
5	42		Medium Moist			Petroleum Odor
6	409		Medium Moist	90%	Dark Medium Sand	Strong Petroleum Odor
7	409		Medium Moist			Strong Petroleum Odor
8	710		Medium Moist			Strong Petroleum Odor
9	710		Medium Moist			Strong Petroleum Odor
10	710		Wet		Encontered groundwater @ 9'	Strong Petroleum Odor
11					End of Boring @ 10'	
12						
13						
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16						
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21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-2**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	*on the northeast portion of parking lot behind the building*
Date:	3/3/2016		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	349		Medium Moist	60%	Asphalt	Strong Petroleum Odor
2	349		Medium Moist		Dark Medium Sand	Strong Petroleum Odor
3	743		Medium Moist			Strong Petroleum Odor
4	743		Medium Moist			Strong Petroleum Odor
5	743		Medium Moist			Strong Petroleum Odor
6	1081		Medium Moist	80%	Dark Medium Sand	Strong Petroleum Odor
7	1081		Medium Moist			Strong Petroleum Odor
8	651		Medium Moist			Strong Petroleum Odor
9	651		Medium Moist			Strong Petroleum Odor
10	651		Wet		Encontered groundwater @ 9'	Strong Petroleum Odor
11					End of Boring @ 10'	
12						
13						
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22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-3**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	*on the southeast portion of parking lot behind the building*
Date:	3/3/2016		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	1.1		Medium Moist	100%	Asphalt	No odor or staining
2	1.1		Medium Moist		Brown Medium Sand	No odor or staining
3	1.1		Medium Moist			No odor or staining
4	1.1		Medium Moist			No odor or staining
5	1.1		Medium Moist			No odor or staining
6	142		Medium Moist	90%	Dark Medium Sand	Petroleum Odor
7	142		Medium Moist			Petroleum Odor
8	346		Medium Moist			Srong Petroleum Odor
9	346		Medium Moist			Strong Petroleum Odor
10	346		Wet		Encontered groundwater @ 9'	Petroleum Odor
11					End of Boring @ 10'	
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-4**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	*on the southwest portion of parking lot behind the building*
Date:	3/3/2016		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0.8		Medium Moist	50%	Brown Medium Sand	No odor or staining
2	0.8		Medium Moist			No odor or staining
3	0.8		Medium Moist			No odor or staining
4	0.8		Medium Moist			No odor or staining
5	0.8		Medium Moist			No odor or staining
6	121		Medium Moist	60%	Dark Medium Sand	Petroleum Odor
7	121		Medium Moist			Petroleum Odor
8	142		Medium Moist			Petroleum Odor
9	142		Medium Moist			Petroleum Odor
10	142		Wet		Encontered groundwater @ 9'	Petroleum Odor
11					End of Boring @ 10'	
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-5**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	*on the northeast of the excavated area*
Date:	3/3/2016		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0.6		Medium Moist	80%	Brown Coarse Sand	No odor or staining
2	0.6		Medium Moist			No odor or staining
3	0.6		Medium Moist			No odor or staining
4	0.6		Medium Moist			No odor or staining
5	0.6		Medium Moist			No odor or staining
6	1.8		Medium Moist	70%	Brown Medium Sand	No odor or staining
7	1.8		Medium Moist			No odor or staining
8	96.9		Medium Moist		Dark Medium Sand	Petroleum Odor
9	96.9		Medium Moist			Petroleum Odor
10	96.9		Wet		Encontered groundwater @ 9'	Petroleum Odor
11					End of Boring @ 10'	
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-6**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	*on the northwest of the excavated area*
Date:	3/3/2016		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0.8		Medium Moist	70%	Urban fill	No odor or staining
2	0.8		Medium Moist			No odor or staining
3	0.8		Medium Moist		Brown Medium Sand	No odor or staining
4	0.8		Medium Moist			No odor or staining
5	0.8		Medium Moist			No odor or staining
6	0.7		Medium Moist	80%	Brown Corase Sand	No odor or staining
7	0.7		Medium Moist			No odor or staining
8	0.7		Medium Moist			No odor or staining
9	0.7		Medium Moist			No odor or staining
10	0.7		Medium Moist		Encontered groundwater @ 9'	No odor or staining
11					End of Boring @ 10'	
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-7**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	*Close to former car wash*
Date:	3/4/2016		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	70%	Brown Medimun Sand	No odor or staining
2	0		Medium Moist			No odor or staining
3	0		Medium Moist			No odor or staining
4	0		Medium Moist			No odor or staining
5	0		Medium Moist			No odor or staining
6	0		Medium Moist	90%	Brown Medimun Sand	No odor or staining
7	0		Medium Moist			No odor or staining
8	0		Medium Moist			No odor or staining
9	0		Wet		Encontered groundwater @ 8'	No odor or staining
10	0		Wet			No odor or staining
11					End of Boring @ 10'	
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-8**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	*Close to former car wash*
Date:	3/4/2016		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	50%	Brown Medimun Sand	No odor or staining
2	0		Medium Moist			No odor or staining
3	0		Medium Moist			No odor or staining
4	0		Medium Moist			No odor or staining
5	0		Medium Moist			No odor or staining
6	0		Medium Moist	50%	Brown Medimun Sand	No odor or staining
7	0		Medium Moist			No odor or staining
8	0		Medium Moist			No odor or staining
9	0		Wet		Encontered groundwater @ 8'	No odor or staining
10	0		Wet			No odor or staining
11					End of Boring @ 10'	
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-9**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	*Former gasoline UST*
Date:	3/4/2016		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	50%	Brown Clay	No odor or staining
2	0		Medium Moist			No odor or staining
3	0		Medium Moist			No odor or staining
4	0		Medium Moist			No odor or staining
5	0		Medium Moist			No odor or staining
6	8		Medium Moist	50%	Brown Fine Sand	No odor or staining
7	8		Medium Moist			No odor or staining
8	272		Medium Moist		Dark Fine Sand	Petroleum Odor
9	272		Medium Moist			Petroleum Odor
10	272		Medium Moist			Petroleum Odor
11	1446		Medium Moist	60%	Dark Medium Sand	Petroleum Odor
12	1446		Medium Moist			Petroleum Odor
13	46		Medium Moist		Encontered groundwater @ 12'	Petroleum Odor
14					Refusal @ 13'	
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-10**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	*Former gasoline UST*
Date:	3/4/2016		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	50%	Brown Medimun Sand	No odor or staining
2	0		Medium Moist			No odor or staining
3	0		Medium Moist			No odor or staining
4	0		Medium Moist			No odor or staining
5	0		Medium Moist			No odor or staining
6	6.8		Medium Moist	90%		No odor or staining
7	7.6		Medium Moist			No odor or staining
8	8.9		Medium Moist		Dark Medimun Sand	No odor or staining
9	1505		Medium Moist			Strong petroleum odor
10	1505		Medium Moist		Encontered groundwater @ 10'	Strong petroleum odor
11					End of boring @ 10'	
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

Subslab Soil Vapor Sample Collection Log

Sample ID:	**SG-1**		
Client:	Chechile Realty and 381-383 Huguenot LLC	**Boring Equipment:**	Quad Drill
Project:	383 Huguenot St	**Sealant:**	bentonite
Location:	New Rochelle, New York	**Tubing Information:**	1/4 inch
Project #:	2015-188	**Miscellaneous Equipment:**	PID
Samplers:	SZ JB	**Subcontractor:**	
Sample Point Location:	In the Basement	**Equipment:**	
Sampling Depth:	Subslab	**Moisture Content of Sampling Zone:**	Medium
Date of Installation:	3/3/2016	**Approximate Purge Volume:**	40ml

Instrument Readings:

	Time	Canister Vacuum (a) (inches of Hg)	Temperature (°F or °C)	Relative Humidity (%)	Air Speed (ft/min)	Barometric Pressure (inches of Hg)	PID (ppb)
Start	8:45AM	35	38	39	0	30.22	N/A
Mid	9:40AM	21	38	39	0	30.22	N/A
End	10:40AM	7	38	39	0	30.22	N/A

(a) Record canister information at a minimum at the beginning and end of sampling

SUMMA Canister Information:

Size (circle one):	6 L
Canister ID:	494
Flow Controller ID:	4987
Notes:	

Tracer Test Information (if applicable):

Initial Helium Shroud:	
Final Helium Shroud:	
Tracer Test Passed:	Yes

General Observations/Notes:

surface confiner, soil conditones, Subsurface features, Weather etc.

Concrete on the top, coarse medium moisture sand, A sunny day.

Approximating One-Well Volume (for purging):

When using 1¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.

Subslab Soil Vapor Sample Collection Log

Sample ID:	**SG-2**		
Client:	Chechile Realty and 381-383 Huguenot LLC	**Boring Equipment:**	Geoprobe
Project:	383 Huguenot St	**Sealant:**	bentonite
Location:	New Rochelle, New York	**Tubing Information:**	1/4 inch
Project #:	2015-188	**Miscellaneous Equipment:**	PID
Samplers:	SZ JB	**Subcontractor:**	
Sample Point Location:	To the north of the existing building	**Equipment:**	
Sampling Depth:	2 ft below the ground	**Moisture Content of Sampling Zone:**	Medium
Date of Installation:	3/3/2016	**Approximate Purge Volume:**	40ml

Instrument Readings:

	Time	Canister Vacuum (a) (inches of Hg)	Temperature (°F or °C)	Relative Humidity (%)	Air Speed (ft/min)	Barometric Pressure (inches of Hg)	PID (ppb)
Start	12:37	35	38	39	0	30.22	N/A
Mid	13:50	19	38	39	0	30.22	N/A
End	14:28	10	38	39	0	30.22	N/A

(a) Record canister information at a minimum at the beginning and end of sampling

SUMMA Canister Information:

Size (circle one):	6 L
Canister ID:	11288
Flow Controller ID:	5357
Notes:	

Tracer Test Information (if applicable):

Initial Helium Shroud:	
Final Helium Shroud:	
Tracer Test Passed:	Yes

General Observations/Notes:

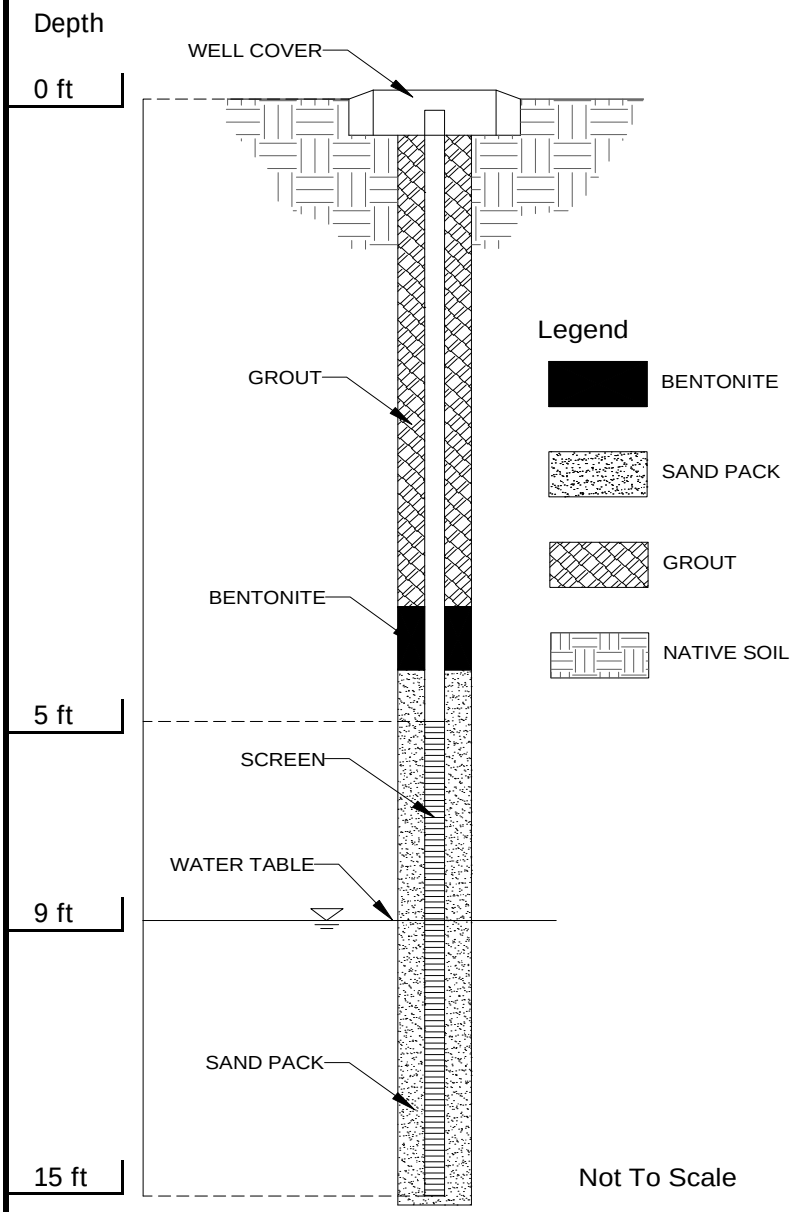
surface confiner, soil conditones, Subsurface features, Weather etc.

Asphalt top, coarse medium moisture sand, A sunny day.

Approximating One-Well Volume (for purging):

When using 1¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.

CIDER ENVIRONMENTAL	**Temporary Ground Water Sampling Log**	**Well Code:**	**GW-1**
		Installer:	CE
		Installation Method:	Geoprobe
		Installation Date:	3/3/2016
Site Location:	381-393 Huguenot St.	**Geologist:**	SZ
Job Number:	2015-188	**Coordinates**	
Client:	Chechile Realty and 381-383 Huguenot LLC	**(State Plane NAD 84):**	
Location:	North of parking lot behind the building	**Elevation:**	85 ft AMSL



Surface Pad
- Type: N/A

Well Cap
- Type: N/A

Surface Casing
- Type: N/A

Riser Pipe
- Type: Sch. 40 PVC
- Diameter: 1 inch
- Length: 5 ft
- Interval (BEG): 0 ft to 5ft

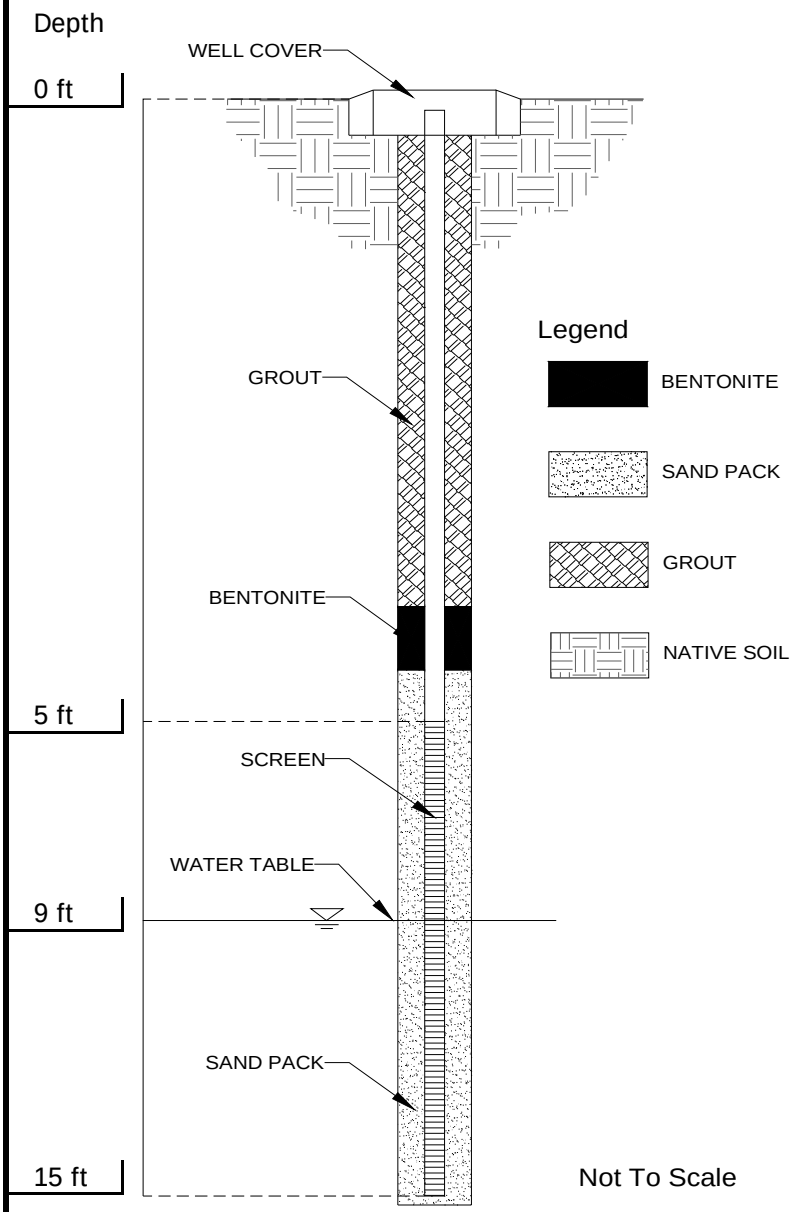
Annular Seal
- Type: Grout
- Length: 3 ft
- Interval (BEG): 0 ft to 3 ft

Bentonite Seal
- Type: Bentonite chips
- Length: 1 ft
- Interval (BEG) 3 ft to 4 ft

Filter Pack
- Type: #2 Morris sand
- Length: 11 ft
- Interval (BEG) 4 ft to 15 ft

Screen
- Type: Sch. 40 PVC
- Diameter 1 inch
- Length: 10 ft
- Slot Size: 10-slot
- Interval (BEG): 5 ft to 15 ft

CIDER ENVIRONMENTAL	**Temporary Ground Water Sampling Log**	**Well Code:**	**GW-2**
		Installer:	CE
		Installation Method:	Geoprobe
		Installation Date:	3/3/2016
Site Location:	381-393 Huguenot St.	**Geologist:**	SZ
Job Number:	2015-188	**Coordinates**	
Client:	Chechile Realty and 381-383 Huguenot LLC	**(State Plane NAD 84):**	
Location:	South of parking lot behind the building	**Elevation:**	85 ft AMSL



Surface Pad
- Type: N/A

Well Cap
- Type: N/A

Surface Casing
- Type: N/A

Riser Pipe
- Type: Sch. 40 PVC
- Diameter: 1 inch
- Length: 5 ft
- Interval (BEG): 0 ft to 5ft

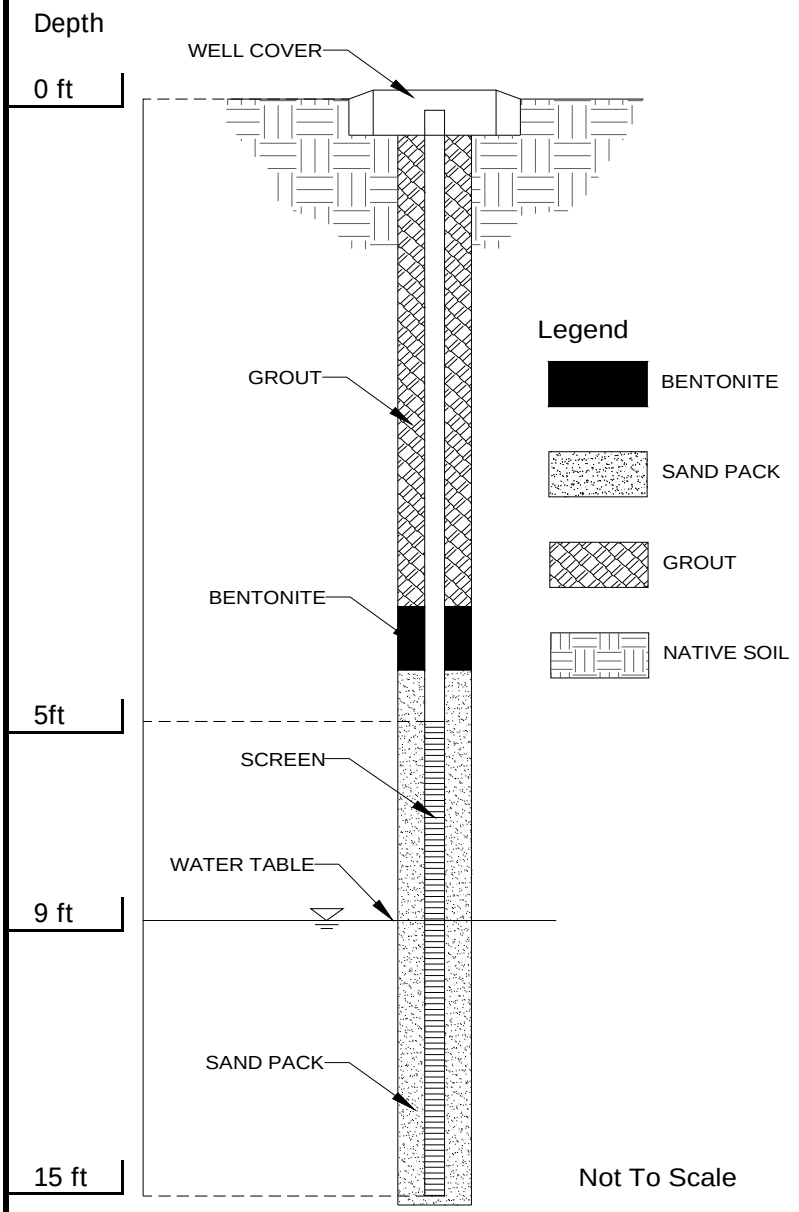
Annular Seal
- Type: Grout
- Length: 3 ft
- Interval (BEG): 0 ft to 3 ft

Bentonite Seal
- Type: Bentonite chips
- Length: 1 ft
- Interval (BEG) 3 ft to 4 ft

Filter Pack
- Type: #2 Morris sand
- Length: 11 ft
- Interval (BEG) 4 ft to 15 ft

Screen
- Type: Sch. 40 PVC
- Diameter 1 inch
- Length: 10 ft
- Slot Size: 10-slot
- Interval (BEG): 5 ft to 15 ft

CIDER ENVIRONMENTAL	**Temporary Ground Water Sampling Log**	**Well Code:**	**GW-3**
		Installer:	CE
		Installation Method:	Geoprobe
		Installation Date:	3/3/2016
Site Location:	381-393 Huguenot St.	**Geologist:**	SZ
Job Number:	2015-188	**Coordinates**	
Client:	Chechile Realty and 381-383 Huguenot LLC	**(State Plane NAD 84):**	
Location:	in the east portion of excavated area	**Elevation:**	83 ft AMSL



Surface Pad
- Type: N/A

Well Cap
- Type: N/A

Surface Casing
- Type: N/A

Riser Pipe
- Type: Sch. 40 PVC
- Diameter: 1 inch
- Length: 5 ft
- Interval (BEG): 0 ft to 5ft

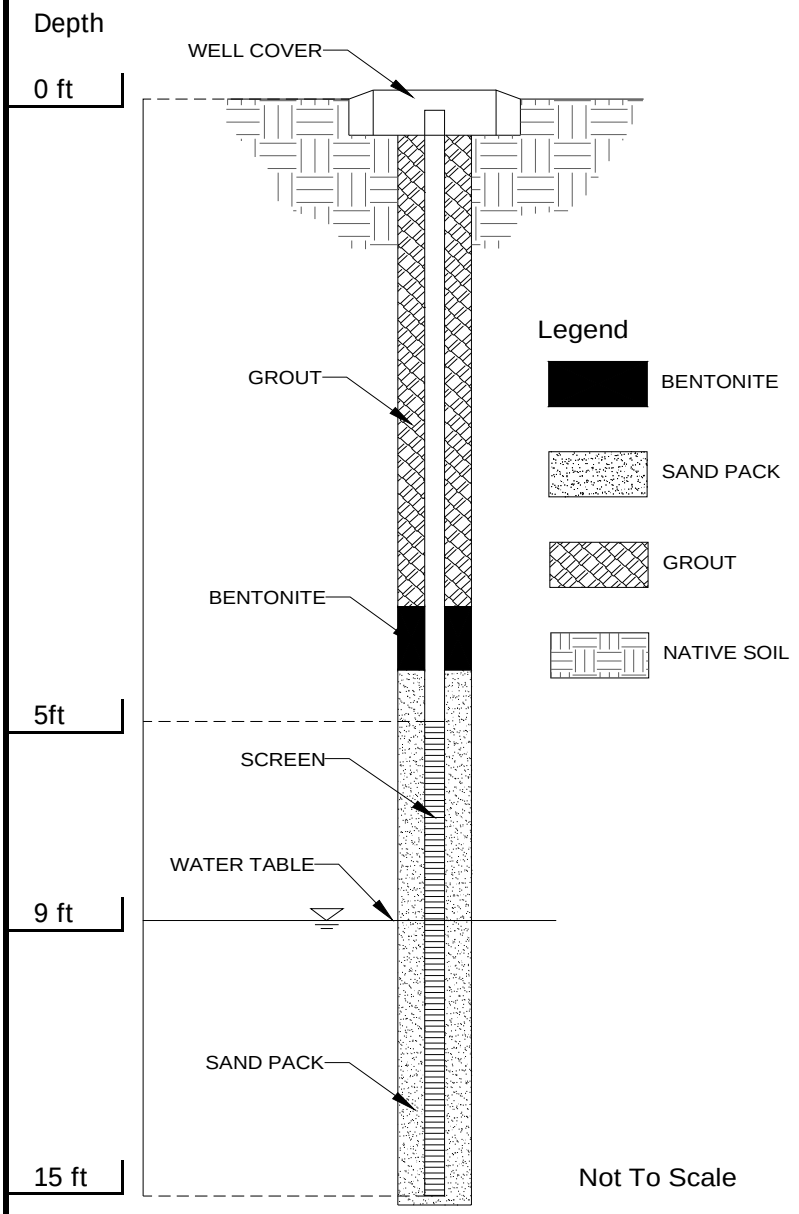
Annular Seal
- Type: Grout
- Length: 3 ft
- Interval (BEG): 0 ft to 3 ft

Bentonite Seal
- Type: Bentonite chips
- Length: 1 ft
- Interval (BEG) 3 ft to 4 ft

Filter Pack
- Type: #2 Morris sand
- Length: 11 ft
- Interval (BEG) 4 ft to 15 ft

Screen
- Type: Sch. 40 PVC
- Diameter 1 inch
- Length: 10 ft
- Slot Size: 10-slot
- Interval (BEG): 5 ft to 15 ft

CIDER ENVIRONMENTAL	**Temporary Ground Water Sampling Log**	**Well Code:**	**GW-5**
		Installer:	CE
		Installation Method:	Geoprobe
		Installation Date:	3/4/2016
Site Location:	381-393 Huguenot St.	**Geologist:**	SZ
Job Number:	2015-188	**Coordinates**	
Client:	Chechile Realty and 381-383 Huguenot LLC	**(State Plane NAD 84):**	
Location:	In the front of the office	**Elevation:**	87 ft AMSL



Surface Pad
- Type: N/A

Well Cap
- Type: N/A

Surface Casing
- Type: N/A

Riser Pipe
- Type: Sch. 40 PVC
- Diameter: 1 inch
- Length: 5 ft
- Interval (BEG): 0 ft to 5ft

Annular Seal
- Type: Grout
- Length: 3 ft
- Interval (BEG): 0 ft to 3 ft

Bentonite Seal
- Type: Bentonite chips
- Length: 1 ft
- Interval (BEG) 3 ft to 4 ft

Filter Pack
- Type: #2 Morris sand
- Length: 11 ft
- Interval (BEG) 4 ft to 15 ft

Screen
- Type: Sch. 40 PVC
- Diameter 1 inch
- Length: 10 ft
- Slot Size: 10-slot
- Interval (BEG): 5 ft to 15 ft

APPENDIX B

Laboratory Analysis Report

PHOENIX
Environmental Laboratories, Inc.

Monday, March 14, 2016

Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Project ID: 383 HUGUENOT ST
Sample ID#s: BK73924 - BK73933

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.

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 #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

March 14, 2016

SDG I.D.: GBK73924

Version 2:
Volatile chromatograms are provided for the samples that required a large dilution due to very large TPH distribution of alkanes and alkenes. Per client request, the reporting levels (RL) were lowered if justified by the limit of detection (LOD).

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

NY # 11301

Analysis Report

March 14, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		03/03/16	
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBK73924
Phoenix ID: BK73924

Project ID: 383 HUGUENOT ST
Client ID: SB-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	85		%		03/04/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				03/04/16	CJ/CKV	SW3545A
Field Extraction	Completed				03/03/16		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,1,1-Trichloroethane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,1,2-Trichloroethane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,1-Dichloroethane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,1-Dichloroethene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,1-Dichloropropene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,2,3-Trichloropropane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,2,4-Trimethylbenzene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,2-Dibromoethane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,2-Dichlorobenzene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,2-Dichloroethane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,2-Dichloropropane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,3-Dichlorobenzene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,3-Dichloropropane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
1,4-Dichlorobenzene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
2,2-Dichloropropane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
2-Chlorotoluene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C
2-Hexanone	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C

Project ID: 383 HUGUENOT ST
Client ID: SB-1

Phoenix I.D.: BK73924

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	1400	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	1
4-Chlorotoluene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
4-Methyl-2-pentanone	ND	6500	ug/Kg	1000	03/05/16	J/P	SW8260C	
Acetone	ND	6500	ug/Kg	1000	03/05/16	J/P	SW8260C	
Acrylonitrile	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Benzene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Bromobenzene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Bromochloromethane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Bromodichloromethane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Bromoform	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Bromomethane	ND	2600	ug/Kg	1000	03/05/16	J/P	SW8260C	
Carbon Disulfide	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Carbon tetrachloride	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Chlorobenzene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Chloroethane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Chloroform	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Chloromethane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
cis-1,2-Dichloroethene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
cis-1,3-Dichloropropene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Dibromochloromethane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Dibromomethane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Dichlorodifluoromethane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Ethylbenzene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Hexachlorobutadiene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Isopropylbenzene	1800	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
m&p-Xylene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Methyl Ethyl Ketone	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Methylene chloride	ND	6500	ug/Kg	1000	03/05/16	J/P	SW8260C	
Naphthalene	4400	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
n-Butylbenzene	3200	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
n-Propylbenzene	4100	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
o-Xylene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
p-Isopropyltoluene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
sec-Butylbenzene	3500	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Styrene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
tert-Butylbenzene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Tetrachloroethene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Tetrahydrofuran (THF)	ND	3200	ug/Kg	1000	03/05/16	J/P	SW8260C	1
Toluene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Total Xylenes	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
trans-1,2-Dichloroethene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
trans-1,3-Dichloropropene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
trans-1,4-dichloro-2-butene	ND	3200	ug/Kg	1000	03/05/16	J/P	SW8260C	
Trichloroethene	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Trichlorofluoromethane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Trichlorotrifluoroethane	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	
Vinyl chloride	ND	1300	ug/Kg	1000	03/05/16	J/P	SW8260C	

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	101		%	1000	03/05/16	J/P	70 - 130 %
% Bromofluorobenzene	104		%	1000	03/05/16	J/P	70 - 130 %
% Dibromofluoromethane	94		%	1000	03/05/16	J/P	70 - 130 %
% Toluene-d8	100		%	1000	03/05/16	J/P	70 - 130 %

Semivolatiles-STARS/CP-51

Acenaphthene	710	270	ug/Kg	1	03/05/16	DD	SW8270D
Acenaphthylene	ND	270	ug/Kg	1	03/05/16	DD	SW8270D
Anthracene	300	270	ug/Kg	1	03/05/16	DD	SW8270D
Benz(a)anthracene	ND	270	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(a)pyrene	ND	270	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(b)fluoranthene	ND	270	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(ghi)perylene	ND	270	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(k)fluoranthene	ND	270	ug/Kg	1	03/05/16	DD	SW8270D
Chrysene	ND	270	ug/Kg	1	03/05/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	03/05/16	DD	SW8270D
Fluoranthene	360	270	ug/Kg	1	03/05/16	DD	SW8270D
Fluorene	960	270	ug/Kg	1	03/05/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	1	03/05/16	DD	SW8270D
Naphthalene	3100	270	ug/Kg	1	03/05/16	DD	SW8270D
Phenanthrene	2800	270	ug/Kg	1	03/05/16	DD	SW8270D
Pyrene	450	270	ug/Kg	1	03/05/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	80		%	1	03/05/16	DD	30 - 130 %
% Nitrobenzene-d5	74		%	1	03/05/16	DD	30 - 130 %
% Terphenyl-d14	92		%	1	03/05/16	DD	30 - 130 %

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:

Volatile Comment:
Due to the presence of a large amount of non-target petroleum material, this sample required a dilution. Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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
March 14, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

March 14, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		03/03/16	
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBK73924
Phoenix ID: BK73925

Project ID: 383 HUGUENOT ST
Client ID: SB-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	88		%		03/04/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				03/04/16	CJ/CKV	SW3545A
Field Extraction	Completed				03/03/16		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,1-Dichloroethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,1-Dichloroethene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,1-Dichloropropene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,2-Dibromoethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,2-Dichloroethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,2-Dichloropropane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,3-Dichloropropane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
2,2-Dichloropropane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
2-Chlorotoluene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C
2-Hexanone	ND	5700	ug/Kg	250	03/06/16	JLI	SW8260C

Project ID: 383 HUGUENOT ST
Client ID: SB-2

Phoenix I.D.: BK73925

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	1
4-Chlorotoluene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND	5700	ug/Kg	250	03/06/16	JLI	SW8260C	
Acetone	ND	5700	ug/Kg	250	03/06/16	JLI	SW8260C	
Acrylonitrile	ND	2300	ug/Kg	250	03/06/16	JLI	SW8260C	
Benzene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Bromobenzene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Bromochloromethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Bromodichloromethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Bromoform	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Bromomethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Carbon Disulfide	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Carbon tetrachloride	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Chlorobenzene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Chloroethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Chloroform	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Chloromethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Dibromochloromethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Dibromomethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Ethylbenzene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Hexachlorobutadiene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Isopropylbenzene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
m&p-Xylene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	5700	ug/Kg	250	03/06/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	2300	ug/Kg	250	03/06/16	JLI	SW8260C	
Methylene chloride	ND	2300	ug/Kg	250	03/06/16	JLI	SW8260C	
Naphthalene	1900	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
n-Butylbenzene	1100	1000	ug/Kg	250	03/06/16	JLI	SW8260C	
n-Propylbenzene	1100	900	ug/Kg	250	03/06/16	JLI	SW8260C	
o-Xylene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
p-Isopropyltoluene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
sec-Butylbenzene	1200	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Styrene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
tert-Butylbenzene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Tetrachloroethene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	2300	ug/Kg	250	03/06/16	JLI	SW8260C	1
Toluene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Total Xylenes	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	2300	ug/Kg	250	03/06/16	JLI	SW8260C	
Trichloroethene	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Trichlorofluoromethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	
Vinyl chloride	ND	1100	ug/Kg	250	03/06/16	JLI	SW8260C	

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% 1,2-dichlorobenzene-d4	102		%	250	03/06/16	JLI	70 - 130 %	
% Bromofluorobenzene	106		%	250	03/06/16	JLI	70 - 130 %	
% Dibromofluoromethane	94		%	250	03/06/16	JLI	70 - 130 %	
% Toluene-d8	99		%	250	03/06/16	JLI	70 - 130 %	
Semivolatiles-STARS/CP-51								
Acenaphthene	680	260	ug/Kg	1	03/05/16	DD	SW8270D	
Acenaphthylene	320	260	ug/Kg	1	03/05/16	DD	SW8270D	
Anthracene	350	260	ug/Kg	1	03/05/16	DD	SW8270D	
Benz(a)anthracene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Benzo(a)pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Benzo(b)fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Benzo(ghi)perylene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Benzo(k)fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Chrysene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Fluorene	1200	260	ug/Kg	1	03/05/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Naphthalene	6100	260	ug/Kg	1	03/05/16	DD	SW8270D	
Phenanthrene	3200	260	ug/Kg	1	03/05/16	DD	SW8270D	
Pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
QA/QC Surrogates								
% 2-Fluorobiphenyl	69		%	1	03/05/16	DD	30 - 130 %	
% Nitrobenzene-d5	29		%	1	03/05/16	DD	30 - 130 %	3
% Terphenyl-d14	85		%	1	03/05/16	DD	30 - 130 %	

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:

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of non-target compounds.

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
March 14, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

March 14, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		03/03/16	
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBK73924
Phoenix ID: BK73926

Project ID: 383 HUGUENOT ST
Client ID: SB-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87		%		03/04/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				03/04/16	CJ/CKV	SW3545A
Field Extraction	Completed				03/03/16		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,1-Dichloroethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,1-Dichloroethene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,1-Dichloropropene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,2,4-Trimethylbenzene	1400	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,2-Dibromoethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,2-Dichloroethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,2-Dichloropropane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,3,5-Trimethylbenzene	230	200	ug/Kg	50	03/08/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,3-Dichloropropane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
2,2-Dichloropropane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
2-Chlorotoluene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C
2-Hexanone	ND	1300	ug/Kg	50	03/08/16	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	1
4-Chlorotoluene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND	1300	ug/Kg	50	03/08/16	JLI	SW8260C	
Acetone	ND	1300	ug/Kg	50	03/08/16	JLI	SW8260C	
Acrylonitrile	ND	510	ug/Kg	50	03/08/16	JLI	SW8260C	
Benzene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Bromobenzene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Bromochloromethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Bromodichloromethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Bromoform	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Bromomethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Carbon Disulfide	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Carbon tetrachloride	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Chlorobenzene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Chloroethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Chloroform	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Chloromethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Dibromochloromethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Dibromomethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Ethylbenzene	340	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Hexachlorobutadiene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Isopropylbenzene	220	200	ug/Kg	50	03/08/16	JLI	SW8260C	
m&p-Xylene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	1300	ug/Kg	50	03/08/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	510	ug/Kg	50	03/08/16	JLI	SW8260C	
Methylene chloride	ND	510	ug/Kg	50	03/08/16	JLI	SW8260C	
Naphthalene	1800	250	ug/Kg	50	03/08/16	JLI	SW8260C	
n-Butylbenzene	370	250	ug/Kg	50	03/08/16	JLI	SW8260C	
n-Propylbenzene	480	250	ug/Kg	50	03/08/16	JLI	SW8260C	
o-Xylene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
p-Isopropyltoluene	310	250	ug/Kg	50	03/08/16	JLI	SW8260C	
sec-Butylbenzene	370	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Styrene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
tert-Butylbenzene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Tetrachloroethene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	510	ug/Kg	50	03/08/16	JLI	SW8260C	1
Toluene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Total Xylenes	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	510	ug/Kg	50	03/08/16	JLI	SW8260C	
Trichloroethene	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Trichlorofluoromethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	
Vinyl chloride	ND	250	ug/Kg	50	03/08/16	JLI	SW8260C	

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	99		%	50	03/08/16	JLI	70 - 130 %
% Bromofluorobenzene	122		%	50	03/08/16	JLI	70 - 130 %
% Dibromofluoromethane	90		%	50	03/08/16	JLI	70 - 130 %
% Toluene-d8	98		%	50	03/08/16	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	1700	260	ug/Kg	1	03/05/16	DD	SW8270D
Acenaphthylene	510	260	ug/Kg	1	03/05/16	DD	SW8270D
Anthracene	690	260	ug/Kg	1	03/05/16	DD	SW8270D
Benz(a)anthracene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(a)pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(b)fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(ghi)perylene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(k)fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Chrysene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Fluorene	1900	260	ug/Kg	1	03/05/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Naphthalene	3500	260	ug/Kg	1	03/05/16	DD	SW8270D
Phenanthrene	6700	260	ug/Kg	1	03/05/16	DD	SW8270D
Pyrene	400	260	ug/Kg	1	03/05/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	66		%	1	03/05/16	DD	30 - 130 %
% Nitrobenzene-d5	61		%	1	03/05/16	DD	30 - 130 %
% Terphenyl-d14	80		%	1	03/05/16	DD	30 - 130 %

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:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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
March 14, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

March 14, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		03/03/16	
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBK73924
Phoenix ID: BK73927

Project ID: 383 HUGUENOT ST
Client ID: SB-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	81		%		03/04/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				03/04/16	CJ/CKV	SW3545A
Field Extraction	Completed				03/03/16		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,1,1-Trichloroethane	ND	640	ug/Kg	250	03/06/16	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,1,2-Trichloroethane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,1-Dichloroethane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,1-Dichloroethene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,1-Dichloropropene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,2,3-Trichloropropane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,2,4-Trimethylbenzene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,2-Dibromoethane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,2-Dichlorobenzene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,2-Dichloroethane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,2-Dichloropropane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,3-Dichlorobenzene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,3-Dichloropropane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
1,4-Dichlorobenzene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
2,2-Dichloropropane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
2-Chlorotoluene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C
2-Hexanone	ND	1300	ug/Kg	250	03/06/16	J/P	SW8260C

Project ID: 383 HUGUENOT ST
Client ID: SB-4

Phoenix I.D.: BK73927

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	530	250	ug/Kg	250	03/06/16	J/P	SW8260C	1
4-Chlorotoluene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
4-Methyl-2-pentanone	ND	1300	ug/Kg	250	03/06/16	J/P	SW8260C	
Acetone	ND	1300	ug/Kg	250	03/06/16	J/P	SW8260C	
Acrylonitrile	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Benzene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Bromobenzene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Bromochloromethane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Bromodichloromethane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Bromoform	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Bromomethane	ND	510	ug/Kg	250	03/06/16	J/P	SW8260C	
Carbon Disulfide	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Carbon tetrachloride	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Chlorobenzene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Chloroethane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Chloroform	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Chloromethane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
cis-1,2-Dichloroethene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
cis-1,3-Dichloropropene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Dibromochloromethane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Dibromomethane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Dichlorodifluoromethane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Ethylbenzene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Hexachlorobutadiene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Isopropylbenzene	590	250	ug/Kg	250	03/06/16	J/P	SW8260C	
m&p-Xylene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Methyl Ethyl Ketone	ND	1300	ug/Kg	250	03/06/16	J/P	SW8260C	
Methyl t-butyl ether (MTBE)	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Methylene chloride	ND	1300	ug/Kg	250	03/06/16	J/P	SW8260C	
Naphthalene	5300	250	ug/Kg	250	03/06/16	J/P	SW8260C	
n-Butylbenzene	2300	250	ug/Kg	250	03/06/16	J/P	SW8260C	
n-Propylbenzene	890	250	ug/Kg	250	03/06/16	J/P	SW8260C	
o-Xylene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
p-Isopropyltoluene	260	250	ug/Kg	250	03/06/16	J/P	SW8260C	
sec-Butylbenzene	1300	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Styrene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
tert-Butylbenzene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Tetrachloroethene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Tetrahydrofuran (THF)	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	1
Toluene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Total Xylenes	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
trans-1,2-Dichloroethene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
trans-1,3-Dichloropropene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
trans-1,4-dichloro-2-butene	ND	640	ug/Kg	250	03/06/16	J/P	SW8260C	
Trichloroethene	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Trichlorofluoromethane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Trichlorotrifluoroethane	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	
Vinyl chloride	ND	250	ug/Kg	250	03/06/16	J/P	SW8260C	

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	103		%	250	03/06/16	J/P	70 - 130 %
% Bromofluorobenzene	98		%	250	03/06/16	J/P	70 - 130 %
% Dibromofluoromethane	96		%	250	03/06/16	J/P	70 - 130 %
% Toluene-d8	103		%	250	03/06/16	J/P	70 - 130 %

Semivolatiles-STARS/CP-51

Acenaphthene	1000	280	ug/Kg	1	03/05/16	DD	SW8270D
Acenaphthylene	ND	280	ug/Kg	1	03/05/16	DD	SW8270D
Anthracene	320	280	ug/Kg	1	03/05/16	DD	SW8270D
Benz(a)anthracene	ND	280	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(a)pyrene	ND	280	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	ug/Kg	1	03/05/16	DD	SW8270D
Chrysene	ND	280	ug/Kg	1	03/05/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	280	ug/Kg	1	03/05/16	DD	SW8270D
Fluoranthene	ND	280	ug/Kg	1	03/05/16	DD	SW8270D
Fluorene	1600	280	ug/Kg	1	03/05/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	1	03/05/16	DD	SW8270D
Naphthalene	2400	280	ug/Kg	1	03/05/16	DD	SW8270D
Phenanthrene	2500	280	ug/Kg	1	03/05/16	DD	SW8270D
Pyrene	ND	280	ug/Kg	1	03/05/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	64		%	1	03/05/16	DD	30 - 130 %
% Nitrobenzene-d5	54		%	1	03/05/16	DD	30 - 130 %
% Terphenyl-d14	75		%	1	03/05/16	DD	30 - 130 %

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:

Volatile Comment:
Due to the presence of a large amount of non-target petroleum material, this sample required a dilution. Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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
March 14, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
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NY # 11301

Analysis Report

March 14, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		03/03/16	
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBK73924
Phoenix ID: BK73928

Project ID: 383 HUGUENOT ST
Client ID: SB-5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	88		%		03/04/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				03/04/16	CJ/CKV	SW3545A
Field Extraction	Completed				03/03/16		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,1-Dichloroethene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
2-Chlorotoluene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C
2-Hexanone	ND	25	ug/Kg	1	03/06/16	JLI	SW8260C

Project ID: 383 HUGUENOT ST
Client ID: SB-5

Phoenix I.D.: BK73928

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	17	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	1
4-Chlorotoluene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND	25	ug/Kg	1	03/06/16	JLI	SW8260C	
Acetone	ND	25	ug/Kg	1	03/06/16	JLI	SW8260C	
Acrylonitrile	ND	9.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Benzene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Bromobenzene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Bromochloromethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Bromodichloromethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Bromoform	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Bromomethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Carbon Disulfide	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Carbon tetrachloride	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Chlorobenzene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Chloroethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Chloroform	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Chloromethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Dibromochloromethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Dibromomethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Ethylbenzene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Hexachlorobutadiene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Isopropylbenzene	7.3	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
m&p-Xylene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	25	ug/Kg	1	03/06/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	9.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Methylene chloride	ND	9.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Naphthalene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
n-Butylbenzene	31	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
n-Propylbenzene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
o-Xylene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
p-Isopropyltoluene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
sec-Butylbenzene	53	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Styrene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
tert-Butylbenzene	8.2	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Tetrachloroethene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	9.9	ug/Kg	1	03/06/16	JLI	SW8260C	1
Toluene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Total Xylenes	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	9.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Trichloroethene	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Trichlorofluoromethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	
Vinyl chloride	ND	4.9	ug/Kg	1	03/06/16	JLI	SW8260C	

QA/QC Surrogates

Project ID: 383 HUGUENOT ST
Client ID: SB-5

Phoenix I.D.: BK73928

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% 1,2-dichlorobenzene-d4	95		%	1	03/06/16	JLI	70 - 130 %	
% Bromofluorobenzene	157		%	1	03/06/16	JLI	70 - 130 %	3
% Dibromofluoromethane	98		%	1	03/06/16	JLI	70 - 130 %	
% Toluene-d8	107		%	1	03/06/16	JLI	70 - 130 %	
Semivolatiles-STARS/CP-51								
Acenaphthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Acenaphthylene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Anthracene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Benz(a)anthracene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Benzo(a)pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Benzo(b)fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Benzo(ghi)perylene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Benzo(k)fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Chrysene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Fluorene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Naphthalene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Phenanthrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
Pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D	
QA/QC Surrogates								
% 2-Fluorobiphenyl	60		%	1	03/05/16	DD	30 - 130 %	
% Nitrobenzene-d5	57		%	1	03/05/16	DD	30 - 130 %	
% Terphenyl-d14	77		%	1	03/05/16	DD	30 - 130 %	

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:

Volatile comment:
**Poor surrogate recovery was observed for volatiles due to matrix 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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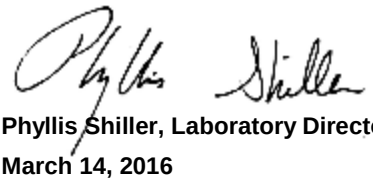

Phyllis Shiller, Laboratory Director
March 14, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

March 14, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		03/03/16	
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBK73924
Phoenix ID: BK73929

Project ID: 383 HUGUENOT ST
Client ID: SB-6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89		%		03/04/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				03/04/16	CJ/CKV	SW3545A
Field Extraction	Completed				03/03/16		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,1-Dichloroethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,1-Dichloroethene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,1-Dichloropropene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,2-Dibromoethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,2-Dichloroethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,2-Dichloropropane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,3-Dichloropropane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
2,2-Dichloropropane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
2-Chlorotoluene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C
2-Hexanone	ND	12	ug/Kg	1	03/05/16	JLI	SW8260C

Project ID: 383 HUGUENOT ST
Client ID: SB-6

Phoenix I.D.: BK73929

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	1
4-Chlorotoluene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND	12	ug/Kg	1	03/05/16	JLI	SW8260C	
Acetone	ND	12	ug/Kg	1	03/05/16	JLI	SW8260C	
Acrylonitrile	ND	4.9	ug/Kg	1	03/05/16	JLI	SW8260C	
Benzene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Bromobenzene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Bromochloromethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Bromodichloromethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Bromoform	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Bromomethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Carbon Disulfide	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Carbon tetrachloride	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Chlorobenzene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Chloroethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Chloroform	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Chloromethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Dibromochloromethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Dibromomethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Ethylbenzene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Hexachlorobutadiene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Isopropylbenzene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
m&p-Xylene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	12	ug/Kg	1	03/05/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	4.9	ug/Kg	1	03/05/16	JLI	SW8260C	
Methylene chloride	ND	4.9	ug/Kg	1	03/05/16	JLI	SW8260C	
Naphthalene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
n-Butylbenzene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
n-Propylbenzene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
o-Xylene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
p-Isopropyltoluene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
sec-Butylbenzene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Styrene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
tert-Butylbenzene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Tetrachloroethene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	4.9	ug/Kg	1	03/05/16	JLI	SW8260C	1
Toluene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Total Xylenes	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	4.9	ug/Kg	1	03/05/16	JLI	SW8260C	
Trichloroethene	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Trichlorofluoromethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	
Vinyl chloride	ND	2.5	ug/Kg	1	03/05/16	JLI	SW8260C	

QA/QC Surrogates

Project ID: 383 HUGUENOT ST
Client ID: SB-6

Phoenix I.D.: BK73929

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	101		%	1	03/05/16	JLI	70 - 130 %
% Bromofluorobenzene	98		%	1	03/05/16	JLI	70 - 130 %
% Dibromofluoromethane	93		%	1	03/05/16	JLI	70 - 130 %
% Toluene-d8	100		%	1	03/05/16	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Anthracene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benz(a)anthracene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(a)pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(b)fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(ghi)perylene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(k)fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Chrysene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Fluorene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Naphthalene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Phenanthrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	55		%	1	03/05/16	DD	30 - 130 %
% Nitrobenzene-d5	51		%	1	03/05/16	DD	30 - 130 %
% Terphenyl-d14	75		%	1	03/05/16	DD	30 - 130 %

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:

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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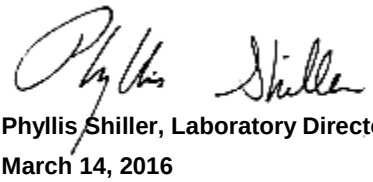


Phyllis Shiller, Laboratory Director
March 14, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

March 14, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		03/04/16	
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBK73924
Phoenix ID: BK73930

Project ID: 383 HUGUENOT ST
Client ID: SB-7

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	88		%		03/04/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				03/04/16	CJ/CKV	SW3545A
Field Extraction	Completed				03/04/16		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,1-Dichloroethene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
2-Chlorotoluene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C
2-Hexanone	ND	21	ug/Kg	1	03/05/16	JLI	SW8260C

Project ID: 383 HUGUENOT ST
Client ID: SB-7

Phoenix I.D.: BK73930

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	1
4-Chlorotoluene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND	21	ug/Kg	1	03/05/16	JLI	SW8260C	
Acetone	ND	21	ug/Kg	1	03/05/16	JLI	SW8260C	
Acrylonitrile	ND	8.3	ug/Kg	1	03/05/16	JLI	SW8260C	
Benzene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Bromobenzene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Bromochloromethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Bromodichloromethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Bromoform	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Bromomethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Carbon Disulfide	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Carbon tetrachloride	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Chlorobenzene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Chloroethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Chloroform	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Chloromethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Dibromochloromethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Dibromomethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Ethylbenzene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Hexachlorobutadiene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Isopropylbenzene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
m&p-Xylene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	21	ug/Kg	1	03/05/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	8.3	ug/Kg	1	03/05/16	JLI	SW8260C	
Methylene chloride	ND	8.3	ug/Kg	1	03/05/16	JLI	SW8260C	
Naphthalene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
n-Butylbenzene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
n-Propylbenzene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
o-Xylene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
p-Isopropyltoluene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
sec-Butylbenzene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Styrene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
tert-Butylbenzene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Tetrachloroethene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	8.3	ug/Kg	1	03/05/16	JLI	SW8260C	1
Toluene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Total Xylenes	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	8.3	ug/Kg	1	03/05/16	JLI	SW8260C	
Trichloroethene	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Trichlorofluoromethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	
Vinyl chloride	ND	4.1	ug/Kg	1	03/05/16	JLI	SW8260C	

QA/QC Surrogates

Project ID: 383 HUGUENOT ST
Client ID: SB-7

Phoenix I.D.: BK73930

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	104		%	1	03/05/16	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	03/05/16	JLI	70 - 130 %
% Dibromofluoromethane	97		%	1	03/05/16	JLI	70 - 130 %
% Toluene-d8	101		%	1	03/05/16	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Anthracene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benz(a)anthracene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(a)pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(b)fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(ghi)perylene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(k)fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Chrysene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Fluorene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Naphthalene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Phenanthrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	68		%	1	03/05/16	DD	30 - 130 %
% Nitrobenzene-d5	64		%	1	03/05/16	DD	30 - 130 %
% Terphenyl-d14	77		%	1	03/05/16	DD	30 - 130 %

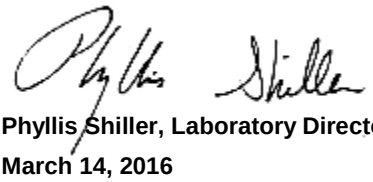
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

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:

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
March 14, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

March 14, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		03/04/16	
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBK73924
Phoenix ID: BK73931

Project ID: 383 HUGUENOT ST
Client ID: SB-8

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89		%		03/04/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				03/04/16	CJ/CKV	SW3545A
Field Extraction	Completed				03/04/16		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
2-Chlorotoluene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C
2-Hexanone	ND	17	ug/Kg	1	03/05/16	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	1
4-Chlorotoluene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND	17	ug/Kg	1	03/05/16	JLI	SW8260C	
Acetone	ND	17	ug/Kg	1	03/05/16	JLI	SW8260C	
Acrylonitrile	ND	6.7	ug/Kg	1	03/05/16	JLI	SW8260C	
Benzene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Bromobenzene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Bromochloromethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Bromodichloromethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Bromoform	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Bromomethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Carbon Disulfide	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Carbon tetrachloride	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Chlorobenzene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Chloroethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Chloroform	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Chloromethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Dibromochloromethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Dibromomethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Ethylbenzene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Hexachlorobutadiene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Isopropylbenzene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
m&p-Xylene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	17	ug/Kg	1	03/05/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	6.7	ug/Kg	1	03/05/16	JLI	SW8260C	
Methylene chloride	ND	6.7	ug/Kg	1	03/05/16	JLI	SW8260C	
Naphthalene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
n-Butylbenzene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
n-Propylbenzene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
o-Xylene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
p-Isopropyltoluene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
sec-Butylbenzene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Styrene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
tert-Butylbenzene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Tetrachloroethene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	6.7	ug/Kg	1	03/05/16	JLI	SW8260C	1
Toluene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Total Xylenes	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	6.7	ug/Kg	1	03/05/16	JLI	SW8260C	
Trichloroethene	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Trichlorofluoromethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	
Vinyl chloride	ND	3.4	ug/Kg	1	03/05/16	JLI	SW8260C	

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	102		%	1	03/05/16	JLI	70 - 130 %
% Bromofluorobenzene	97		%	1	03/05/16	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	03/05/16	JLI	70 - 130 %
% Toluene-d8	100		%	1	03/05/16	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Anthracene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benz(a)anthracene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(a)pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(b)fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(ghi)perylene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Benzo(k)fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Chrysene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Fluoranthene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Fluorene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Naphthalene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Phenanthrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
Pyrene	ND	260	ug/Kg	1	03/05/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	59		%	1	03/05/16	DD	30 - 130 %
% Nitrobenzene-d5	60		%	1	03/05/16	DD	30 - 130 %
% Terphenyl-d14	72		%	1	03/05/16	DD	30 - 130 %

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:

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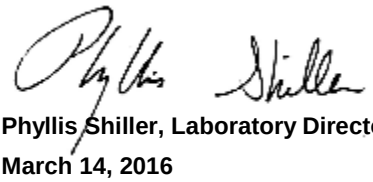


Phyllis Shiller, Laboratory Director
March 14, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

March 14, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		03/04/16	
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBK73924
Phoenix ID: BK73932

Project ID: 383 HUGUENOT ST
Client ID: SB-9

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87		%		03/04/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				03/04/16	CJ/CKV	SW3545A
Field Extraction	Completed				03/04/16		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,1,1-Trichloroethane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,1,2-Trichloroethane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,1-Dichloroethane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,1-Dichloroethene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,1-Dichloropropene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,2,3-Trichloropropane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,2,4-Trimethylbenzene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,2-Dibromoethane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,2-Dichlorobenzene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,2-Dichloroethane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,2-Dichloropropane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,3-Dichlorobenzene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,3-Dichloropropane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
1,4-Dichlorobenzene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
2,2-Dichloropropane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
2-Chlorotoluene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C
2-Hexanone	ND	3500	ug/Kg	1000	03/06/16	J/P	SW8260C

Project ID: 383 HUGUENOT ST
Client ID: SB-9

Phoenix I.D.: BK73932

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	1
4-Chlorotoluene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
4-Methyl-2-pentanone	ND	3500	ug/Kg	1000	03/06/16	J/P	SW8260C	
Acetone	ND	3500	ug/Kg	1000	03/06/16	J/P	SW8260C	
Acrylonitrile	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Benzene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Bromobenzene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Bromochloromethane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Bromodichloromethane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Bromoform	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Bromomethane	ND	1400	ug/Kg	1000	03/06/16	J/P	SW8260C	
Carbon Disulfide	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Carbon tetrachloride	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Chlorobenzene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Chloroethane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Chloroform	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Chloromethane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
cis-1,2-Dichloroethene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
cis-1,3-Dichloropropene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Dibromochloromethane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Dibromomethane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Dichlorodifluoromethane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Ethylbenzene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Hexachlorobutadiene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Isopropylbenzene	1400	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
m&p-Xylene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Methyl Ethyl Ketone	ND	3500	ug/Kg	1000	03/06/16	J/P	SW8260C	
Methyl t-butyl ether (MTBE)	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Methylene chloride	ND	3500	ug/Kg	1000	03/06/16	J/P	SW8260C	
Naphthalene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
n-Butylbenzene	900	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
n-Propylbenzene	1800	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
o-Xylene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
p-Isopropyltoluene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
sec-Butylbenzene	930	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Styrene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
tert-Butylbenzene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Tetrachloroethene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Tetrahydrofuran (THF)	ND	1800	ug/Kg	1000	03/06/16	J/P	SW8260C	1
Toluene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Total Xylenes	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
trans-1,2-Dichloroethene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
trans-1,3-Dichloropropene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
trans-1,4-dichloro-2-butene	ND	1800	ug/Kg	1000	03/06/16	J/P	SW8260C	
Trichloroethene	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Trichlorofluoromethane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Trichlorotrifluoroethane	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	
Vinyl chloride	ND	700	ug/Kg	1000	03/06/16	J/P	SW8260C	

QA/QC Surrogates

Project ID: 383 HUGUENOT ST
Client ID: SB-9

Phoenix I.D.: BK73932

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	101		%	1000	03/06/16	J/P	70 - 130 %
% Bromofluorobenzene	98		%	1000	03/06/16	J/P	70 - 130 %
% Dibromofluoromethane	93		%	1000	03/06/16	J/P	70 - 130 %
% Toluene-d8	101		%	1000	03/06/16	J/P	70 - 130 %

Semivolatiles-STARS/CP-51

Acenaphthene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D
Anthracene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D
Benz(a)anthracene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D
Benzo(a)pyrene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D
Benzo(b)fluoranthene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D
Benzo(ghi)perylene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D
Benzo(k)fluoranthene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D
Chrysene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D
Fluoranthene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D
Fluorene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D
Naphthalene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D
Phenanthrene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D
Pyrene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	70		%	1	03/07/16	DD	30 - 130 %
% Nitrobenzene-d5	71		%	1	03/07/16	DD	30 - 130 %
% Terphenyl-d14	77		%	1	03/07/16	DD	30 - 130 %

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

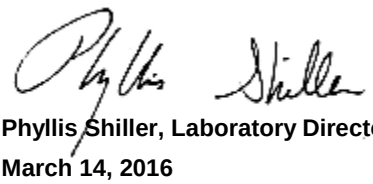
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report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

Comments:

Volatile Comment:
Due to the presence of a large amount of non-target petroleum material, this sample required a dilution. Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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
March 14, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

NY # 11301

Analysis Report

March 14, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		03/04/16	
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBK73924
Phoenix ID: BK73933

Project ID: 383 HUGUENOT ST
Client ID: SB-10

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	88		%		03/04/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed				03/04/16	CJ/CKV	SW3545A
Field Extraction	Completed				03/04/16		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,1-Dichloroethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,1-Dichloroethene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,1-Dichloropropene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,2-Dibromoethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,2-Dichloroethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,2-Dichloropropane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,3-Dichloropropane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
2,2-Dichloropropane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
2-Chlorotoluene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C
2-Hexanone	ND	980	ug/Kg	50	03/06/16	JLI	SW8260C

Project ID: 383 HUGUENOT ST
Client ID: SB-10

Phoenix I.D.: BK73933

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	960	200	ug/Kg	50	03/06/16	JLI	SW8260C	1
4-Chlorotoluene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND	980	ug/Kg	50	03/06/16	JLI	SW8260C	
Acetone	ND	980	ug/Kg	50	03/06/16	JLI	SW8260C	
Acrylonitrile	ND	390	ug/Kg	50	03/06/16	JLI	SW8260C	
Benzene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Bromobenzene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Bromochloromethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Bromodichloromethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Bromoform	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Bromomethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Carbon Disulfide	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Carbon tetrachloride	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Chlorobenzene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Chloroethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Chloroform	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Chloromethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Dibromochloromethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Dibromomethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Ethylbenzene	270	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Hexachlorobutadiene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Isopropylbenzene	2300	200	ug/Kg	50	03/06/16	JLI	SW8260C	
m&p-Xylene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	980	ug/Kg	50	03/06/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	390	ug/Kg	50	03/06/16	JLI	SW8260C	
Methylene chloride	ND	390	ug/Kg	50	03/06/16	JLI	SW8260C	
Naphthalene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
n-Butylbenzene	2200	200	ug/Kg	50	03/06/16	JLI	SW8260C	
n-Propylbenzene	3200	200	ug/Kg	50	03/06/16	JLI	SW8260C	
o-Xylene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
p-Isopropyltoluene	2300	200	ug/Kg	50	03/06/16	JLI	SW8260C	
sec-Butylbenzene	2000	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Styrene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
tert-Butylbenzene	350	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Tetrachloroethene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	390	ug/Kg	50	03/06/16	JLI	SW8260C	1
Toluene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Total Xylenes	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	390	ug/Kg	50	03/06/16	JLI	SW8260C	
Trichloroethene	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Trichlorofluoromethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	
Vinyl chloride	ND	200	ug/Kg	50	03/06/16	JLI	SW8260C	

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% 1,2-dichlorobenzene-d4	95		%	50	03/06/16	JLI	70 - 130 %	
% Bromofluorobenzene	>200		%	50	03/06/16	JLI	70 - 130 %	3
% Dibromofluoromethane	89		%	50	03/06/16	JLI	70 - 130 %	
% Toluene-d8	139		%	50	03/06/16	JLI	70 - 130 %	3

Semivolatiles-STARS/CP-51

Acenaphthene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D	
Acenaphthylene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D	
Anthracene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D	
Benz(a)anthracene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D	
Benzo(a)pyrene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D	
Benzo(b)fluoranthene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D	
Benzo(ghi)perylene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D	
Benzo(k)fluoranthene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D	
Chrysene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D	
Fluoranthene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D	
Fluorene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D	
Naphthalene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D	
Phenanthrene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D	
Pyrene	ND	260	ug/Kg	1	03/07/16	DD	SW8270D	
QA/QC Surrogates								
% 2-Fluorobiphenyl	67		%	1	03/07/16	DD	30 - 130 %	
% Nitrobenzene-d5	59		%	1	03/07/16	DD	30 - 130 %	
% Terphenyl-d14	79		%	1	03/07/16	DD	30 - 130 %	

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:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.
**Poor surrogate recovery was observed for volatiles due to matrix 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.

Phyllis Shiller, Laboratory Director
March 14, 2016
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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NY # 11301

QA/QC Report

March 14, 2016

QA/QC Data

SDG I.D.: GBK73924

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 337166 (ug/kg), QC Sample No: BK73846 (BK73924 (1000X) , BK73929, BK73930, BK73931, BK73932 (1000X) , BK73933 (50X))											
Volatiles - Solid											
1,1,1,2-Tetrachloroethane	ND	5.0	101	98	3.0	111	108	2.7	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	94	97	3.1	109	103	5.7	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	100	100	0.0	108	101	6.7	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	101	100	1.0	110	104	5.6	70 - 130	30	
1,1-Dichloroethane	ND	5.0	91	94	3.2	107	100	6.8	70 - 130	30	
1,1-Dichloroethene	ND	5.0	96	97	1.0	94	91	3.2	70 - 130	30	
1,1-Dichloropropene	ND	5.0	102	102	0.0	114	112	1.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	104	106	1.9	115	116	0.9	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	95	96	1.0	107	99	7.8	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	107	109	1.9	116	115	0.9	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	99	100	1.0	114	110	3.6	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	102	104	1.9	107	99	7.8	70 - 130	30	
1,2-Dibromoethane	ND	5.0	100	99	1.0	110	102	7.5	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	96	100	4.1	113	108	4.5	70 - 130	30	
1,2-Dichloroethane	ND	5.0	98	98	0.0	108	102	5.7	70 - 130	30	
1,2-Dichloropropane	ND	5.0	99	98	1.0	110	107	2.8	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	96	99	3.1	114	108	5.4	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	101	99	2.0	113	108	4.5	70 - 130	30	
1,3-Dichloropropane	ND	5.0	96	94	2.1	109	103	5.7	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	98	101	3.0	112	108	3.6	70 - 130	30	
2,2-Dichloropropane	ND	5.0	95	95	0.0	109	103	5.7	70 - 130	30	
2-Chlorotoluene	ND	5.0	98	100	2.0	114	106	7.3	70 - 130	30	
2-Hexanone	ND	25	90	88	2.2	103	94	9.1	70 - 130	30	
2-Isopropyltoluene	ND	5.0	100	103	3.0	117	114	2.6	70 - 130	30	
4-Chlorotoluene	ND	5.0	98	96	2.1	112	107	4.6	70 - 130	30	
4-Methyl-2-pentanone	ND	25	94	96	2.1	107	99	7.8	70 - 130	30	
Acetone	ND	10	68	70	2.9	62	60	3.3	70 - 130	30	l,m
Acrylonitrile	ND	5.0	92	95	3.2	104	97	7.0	70 - 130	30	
Benzene	ND	1.0	101	101	0.0	111	109	1.8	70 - 130	30	
Bromobenzene	ND	5.0	97	98	1.0	111	108	2.7	70 - 130	30	
Bromochloromethane	ND	5.0	97	102	5.0	110	105	4.7	70 - 130	30	
Bromodichloromethane	ND	5.0	103	104	1.0	109	107	1.9	70 - 130	30	
Bromoform	ND	5.0	108	108	0.0	113	108	4.5	70 - 130	30	
Bromomethane	ND	5.0	100	102	2.0	75	79	5.2	70 - 130	30	
Carbon Disulfide	ND	5.0	97	100	3.0	95	92	3.2	70 - 130	30	
Carbon tetrachloride	ND	5.0	94	97	3.1	106	98	7.8	70 - 130	30	
Chlorobenzene	ND	5.0	97	95	2.1	112	106	5.5	70 - 130	30	
Chloroethane	ND	5.0	95	97	2.1	49	45	8.5	70 - 130	30	m
Chloroform	ND	5.0	93	95	2.1	109	102	6.6	70 - 130	30	
Chloromethane	ND	5.0	88	90	2.2	113	102	10.2	70 - 130	30	

QA/QC Data

SDG I.D.: GBK73924

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,2-Dichloroethene	ND	5.0	93	96	3.2	109	103	5.7	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	103	103	0.0	114	108	5.4	70 - 130	30	
Dibromochloromethane	ND	3.0	104	103	1.0	111	107	3.7	70 - 130	30	
Dibromomethane	ND	5.0	102	101	1.0	109	104	4.7	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	100	103	3.0	120	115	4.3	70 - 130	30	
Ethylbenzene	ND	1.0	98	98	0.0	113	108	4.5	70 - 130	30	
Hexachlorobutadiene	ND	5.0	96	96	0.0	121	117	3.4	70 - 130	30	
Isopropylbenzene	ND	1.0	94	99	5.2	112	107	4.6	70 - 130	30	
m&p-Xylene	ND	2.0	98	98	0.0	113	109	3.6	70 - 130	30	
Methyl ethyl ketone	ND	5.0	81	83	2.4	93	84	10.2	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	95	97	2.1	105	99	5.9	70 - 130	30	
Methylene chloride	ND	5.0	78	82	5.0	88	85	3.5	70 - 130	30	
Naphthalene	ND	5.0	113	116	2.6	124	121	2.4	70 - 130	30	
n-Butylbenzene	ND	1.0	96	97	1.0	117	111	5.3	70 - 130	30	
n-Propylbenzene	ND	1.0	93	95	2.1	111	105	5.6	70 - 130	30	
o-Xylene	ND	2.0	100	99	1.0	117	111	5.3	70 - 130	30	
p-Isopropyltoluene	ND	1.0	98	102	4.0	119	112	6.1	70 - 130	30	
sec-Butylbenzene	ND	1.0	97	100	3.0	117	114	2.6	70 - 130	30	
Styrene	ND	5.0	102	98	4.0	118	111	6.1	70 - 130	30	
tert-Butylbenzene	ND	1.0	95	96	1.0	112	108	3.6	70 - 130	30	
Tetrachloroethene	ND	5.0	105	105	0.0	117	116	0.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	89	92	3.3	105	96	9.0	70 - 130	30	
Toluene	ND	1.0	100	99	1.0	114	108	5.4	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	95	96	1.0	104	102	1.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	104	103	1.0	115	108	6.3	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	108	108	0.0	118	112	5.2	70 - 130	30	
Trichloroethene	ND	5.0	105	103	1.9	112	114	1.8	70 - 130	30	
Trichlorofluoromethane	ND	5.0	91	94	3.2	27	24	11.8	70 - 130	30	m
Trichlorotrifluoroethane	ND	5.0	96	98	2.1	100	93	7.3	70 - 130	30	
Vinyl chloride	ND	5.0	96	98	2.1	112	106	5.5	70 - 130	30	
% 1,2-dichlorobenzene-d4	103	%	105	100	4.9	101	99	2.0	70 - 130	30	
% Bromofluorobenzene	98	%	101	97	4.0	99	101	2.0	70 - 130	30	
% Dibromofluoromethane	97	%	98	102	4.0	93	95	2.1	70 - 130	30	
% Toluene-d8	98	%	103	103	0.0	102	103	1.0	70 - 130	30	

Comment:

A blank MS/MSD was analyzed with 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 337171 (ug/kg), QC Sample No: BK73946 (BK73925 (250X) , BK73927 (250X) , BK73928)

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	5.0	109	108	0.9	104	112	7.4	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	99	108	8.7	97	103	6.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	100	102	2.0	101	106	4.8	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	103	104	1.0	101	105	3.9	70 - 130	30	
1,1-Dichloroethane	ND	5.0	94	102	8.2	94	98	4.2	70 - 130	30	
1,1-Dichloroethene	ND	5.0	99	108	8.7	87	89	2.3	70 - 130	30	
1,1-Dichloropropene	ND	5.0	106	111	4.6	105	111	5.6	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	107	114	6.3	105	113	7.3	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	102	97	5.0	98	105	6.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	116	119	2.6	104	116	10.9	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	105	108	2.8	107	108	0.9	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	107	109	1.9	102	106	3.8	70 - 130	30	
1,2-Dibromoethane	ND	5.0	105	108	2.8	103	107	3.8	70 - 130	30	

QA/QC Data

SDG I.D.: GBK73924

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2-Dichlorobenzene	ND	5.0	106	103	2.9	103	106	2.9	70 - 130	30	
1,2-Dichloroethane	ND	5.0	100	102	2.0	98	102	4.0	70 - 130	30	
1,2-Dichloropropane	ND	5.0	101	103	2.0	101	107	5.8	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	104	106	1.9	102	108	5.7	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	104	106	1.9	102	106	3.8	70 - 130	30	
1,3-Dichloropropane	ND	5.0	101	103	2.0	98	105	6.9	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	104	103	1.0	104	107	2.8	70 - 130	30	
2,2-Dichloropropane	ND	5.0	98	106	7.8	96	100	4.1	70 - 130	30	
2-Chlorotoluene	ND	5.0	107	106	0.9	103	106	2.9	70 - 130	30	
2-Hexanone	ND	25	91	96	5.3	93	98	5.2	70 - 130	30	
2-Isopropyltoluene	ND	5.0	110	110	0.0	110	114	3.6	70 - 130	30	
4-Chlorotoluene	ND	5.0	101	106	4.8	103	106	2.9	70 - 130	30	
4-Methyl-2-pentanone	ND	25	95	99	4.1	97	99	2.0	70 - 130	30	
Acetone	ND	10	69	72	4.3	56	58	3.5	70 - 130	30	l,m
Acrylonitrile	ND	5.0	93	101	8.2	93	96	3.2	70 - 130	30	
Benzene	ND	1.0	102	106	3.8	103	108	4.7	70 - 130	30	
Bromobenzene	ND	5.0	103	104	1.0	103	108	4.7	70 - 130	30	
Bromochloromethane	ND	5.0	102	110	7.5	100	107	6.8	70 - 130	30	
Bromodichloromethane	ND	5.0	109	110	0.9	104	108	3.8	70 - 130	30	
Bromoform	ND	5.0	114	118	3.4	105	112	6.5	70 - 130	30	
Bromomethane	ND	5.0	102	112	9.3	66	80	19.2	70 - 130	30	m
Carbon Disulfide	ND	5.0	103	111	7.5	86	90	4.5	70 - 130	30	
Carbon tetrachloride	ND	5.0	98	106	7.8	95	100	5.1	70 - 130	30	
Chlorobenzene	ND	5.0	103	106	2.9	101	108	6.7	70 - 130	30	
Chloroethane	ND	5.0	98	106	7.8	43	46	6.7	70 - 130	30	m
Chloroform	ND	5.0	98	104	5.9	97	102	5.0	70 - 130	30	
Chloromethane	ND	5.0	91	98	7.4	97	102	5.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	99	104	4.9	97	101	4.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	105	107	1.9	103	107	3.8	70 - 130	30	
Dibromochloromethane	ND	3.0	111	112	0.9	103	110	6.6	70 - 130	30	
Dibromomethane	ND	5.0	103	104	1.0	101	105	3.9	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	100	108	7.7	105	112	6.5	70 - 130	30	
Ethylbenzene	ND	1.0	106	108	1.9	102	112	9.3	70 - 130	30	
Hexachlorobutadiene	ND	5.0	107	108	0.9	103	120	15.2	70 - 130	30	
Isopropylbenzene	ND	1.0	106	106	0.0	104	110	5.6	70 - 130	30	
m&p-Xylene	ND	2.0	106	109	2.8	105	112	6.5	70 - 130	30	
Methyl ethyl ketone	ND	5.0	81	87	7.1	82	85	3.6	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	96	104	8.0	96	99	3.1	70 - 130	30	
Methylene chloride	ND	5.0	81	87	7.1	82	84	2.4	70 - 130	30	
Naphthalene	ND	5.0	119	123	3.3	118	125	5.8	70 - 130	30	
n-Butylbenzene	ND	1.0	106	107	0.9	104	110	5.6	70 - 130	30	
n-Propylbenzene	ND	1.0	101	102	1.0	100	104	3.9	70 - 130	30	
o-Xylene	ND	2.0	106	108	1.9	105	112	6.5	70 - 130	30	
p-Isopropyltoluene	ND	1.0	108	110	1.8	110	115	4.4	70 - 130	30	
sec-Butylbenzene	ND	1.0	108	110	1.8	107	111	3.7	70 - 130	30	
Styrene	ND	5.0	108	109	0.9	106	116	9.0	70 - 130	30	
tert-Butylbenzene	ND	1.0	106	105	0.9	103	110	6.6	70 - 130	30	
Tetrachloroethene	ND	5.0	108	113	4.5	108	115	6.3	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	90	98	8.5	93	96	3.2	70 - 130	30	
Toluene	ND	1.0	106	107	0.9	103	109	5.7	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	100	107	6.8	94	101	7.2	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	106	107	0.9	104	108	3.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	108	114	5.4	107	109	1.9	70 - 130	30	

QA/QC Data

SDG I.D.: GBK73924

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Trichloroethene	ND	5.0	106	108	1.9	105	110	4.7	70 - 130	30	
Trichlorofluoromethane	ND	5.0	93	99	6.3	23	24	4.3	70 - 130	30	m
Trichlorotrifluoroethane	ND	5.0	101	107	5.8	91	94	3.2	70 - 130	30	
Vinyl chloride	ND	5.0	99	108	8.7	96	111	14.5	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	%	100	101	1.0	104	101	2.9	70 - 130	30	
% Bromofluorobenzene	95	%	99	99	0.0	99	99	0.0	70 - 130	30	
% Dibromofluoromethane	100	%	97	99	2.0	96	96	0.0	70 - 130	30	
% Toluene-d8	98	%	101	98	3.0	101	98	3.0	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 337050 (ug/kg), QC Sample No: BK73970 (BK73924, BK73925, BK73926, BK73927, BK73928, BK73929, BK73930, BK73931, BK73932, BK73933)

Polynuclear Aromatic HC - Solid

Acenaphthene	ND	230	70			72	58	21.5	30 - 130	30	
Acenaphthylene	ND	230	70			70	57	20.5	30 - 130	30	
Anthracene	ND	230	80			72	58	21.5	30 - 130	30	
Benz(a)anthracene	ND	230	85			72	57	23.3	30 - 130	30	
Benzo(a)pyrene	ND	230	79			69	55	22.6	30 - 130	30	
Benzo(b)fluoranthene	ND	230	81			72	57	23.3	30 - 130	30	
Benzo(ghi)perylene	ND	230	79			72	57	23.3	30 - 130	30	
Benzo(k)fluoranthene	ND	230	78			72	57	23.3	30 - 130	30	
Chrysene	ND	230	89			77	59	26.5	30 - 130	30	
Dibenz(a,h)anthracene	ND	230	77			73	58	22.9	30 - 130	30	
Fluoranthene	ND	230	106			72	57	23.3	30 - 130	30	
Fluorene	ND	230	72			70	58	18.8	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	79			70	56	22.2	30 - 130	30	
Naphthalene	ND	230	60			66	56	16.4	30 - 130	30	
Phenanthrene	ND	230	111			73	57	24.6	30 - 130	30	
Pyrene	ND	230	99			74	59	22.6	30 - 130	30	
% 2-Fluorobiphenyl	65	%	64			67	54	21.5	30 - 130	30	
% Nitrobenzene-d5	60	%	59			68	55	21.1	30 - 130	30	
% Terphenyl-d14	71	%	70			69	55	22.6	30 - 130	30	

Comment:

LCSD not reported for this batch.

QA/QC Batch 337264 (ug/kg), QC Sample No: BK74516 (BK73926 (50X))

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	5.0	96	104	8.0	86	95	9.9	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	96	105	9.0	88	95	7.7	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	102	110	7.5	96	105	9.0	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	99	107	7.8	96	103	7.0	70 - 130	30	
1,1-Dichloroethane	ND	5.0	97	105	7.9	91	98	7.4	70 - 130	30	
1,1-Dichloroethene	ND	5.0	94	102	8.2	83	93	11.4	70 - 130	30	
1,1-Dichloropropene	ND	5.0	99	103	4.0	94	102	8.2	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	96	100	4.1	92	103	11.3	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	101	111	9.4	96	105	9.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	94	96	2.1	94	106	12.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	92	97	5.3	89	97	8.6	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	106	113	6.4	95	109	13.7	70 - 130	30	
1,2-Dibromoethane	ND	5.0	101	110	8.5	95	104	9.0	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	94	101	7.2	91	100	9.4	70 - 130	30	
1,2-Dichloroethane	ND	5.0	101	108	6.7	93	100	7.3	70 - 130	30	
1,2-Dichloropropane	ND	5.0	97	103	6.0	90	98	8.5	70 - 130	30	

QA/QC Data

SDG I.D.: GBK73924

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,3,5-Trimethylbenzene	ND	1.0	93	100	7.3	89	98	9.6	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	92	98	6.3	90	100	10.5	70 - 130	30	
1,3-Dichloropropane	ND	5.0	98	107	8.8	93	101	8.2	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	92	97	5.3	91	100	9.4	70 - 130	30	
2,2-Dichloropropane	ND	5.0	94	98	4.2	87	95	8.8	70 - 130	30	
2-Chlorotoluene	ND	5.0	94	101	7.2	91	100	9.4	70 - 130	30	
2-Hexanone	ND	25	91	104	13.3	86	92	6.7	70 - 130	30	
2-Isopropyltoluene	ND	5.0	95	102	7.1	91	101	10.4	70 - 130	30	
4-Chlorotoluene	ND	5.0	91	96	5.3	89	97	8.6	70 - 130	30	
4-Methyl-2-pentanone	ND	25	101	109	7.6	94	100	6.2	70 - 130	30	
Acetone	ND	10	82	91	10.4	71	80	11.9	70 - 130	30	
Acrylonitrile	ND	5.0	110	120	8.7	106	114	7.3	70 - 130	30	
Benzene	ND	1.0	96	103	7.0	92	99	7.3	70 - 130	30	
Bromobenzene	ND	5.0	98	104	5.9	91	102	11.4	70 - 130	30	
Bromochloromethane	ND	5.0	103	111	7.5	97	103	6.0	70 - 130	30	
Bromodichloromethane	ND	5.0	102	107	4.8	89	97	8.6	70 - 130	30	
Bromoform	ND	5.0	102	114	11.1	84	92	9.1	70 - 130	30	
Bromomethane	ND	5.0	93	101	8.2	60	67	11.0	70 - 130	30	m
Carbon Disulfide	ND	5.0	94	101	7.2	81	88	8.3	70 - 130	30	
Carbon tetrachloride	ND	5.0	96	105	9.0	82	89	8.2	70 - 130	30	
Chlorobenzene	ND	5.0	94	100	6.2	90	98	8.5	70 - 130	30	
Chloroethane	ND	5.0	94	103	9.1	18	19	5.4	70 - 130	30	m
Chloroform	ND	5.0	96	106	9.9	83	87	4.7	70 - 130	30	
Chloromethane	ND	5.0	93	102	9.2	85	93	9.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	95	103	8.1	95	98	3.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	97	103	6.0	89	97	8.6	70 - 130	30	
Dibromochloromethane	ND	3.0	103	112	8.4	87	96	9.8	70 - 130	30	
Dibromomethane	ND	5.0	102	110	7.5	95	103	8.1	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	95	100	5.1	85	93	9.0	70 - 130	30	
Ethylbenzene	ND	1.0	94	101	7.2	91	99	8.4	70 - 130	30	
Hexachlorobutadiene	ND	5.0	94	98	4.2	95	107	11.9	70 - 130	30	
Isopropylbenzene	ND	1.0	94	100	6.2	88	97	9.7	70 - 130	30	
m&p-Xylene	ND	2.0	93	100	7.3	89	99	10.6	70 - 130	30	
Methyl ethyl ketone	ND	5.0	93	105	12.1	93	97	4.2	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	103	114	10.1	100	106	5.8	70 - 130	30	
Methylene chloride	ND	5.0	87	94	7.7	80	87	8.4	70 - 130	30	
Naphthalene	ND	5.0	105	113	7.3	96	111	14.5	70 - 130	30	
n-Butylbenzene	ND	1.0	91	94	3.2	91	100	9.4	70 - 130	30	
n-Propylbenzene	ND	1.0	91	96	5.3	88	97	9.7	70 - 130	30	
o-Xylene	ND	2.0	93	100	7.3	90	99	9.5	70 - 130	30	
p-Isopropyltoluene	ND	1.0	95	99	4.1	92	102	10.3	70 - 130	30	
sec-Butylbenzene	ND	1.0	96	102	6.1	91	101	10.4	70 - 130	30	
Styrene	ND	5.0	95	102	7.1	91	100	9.4	70 - 130	30	
tert-Butylbenzene	ND	1.0	93	100	7.3	88	98	10.8	70 - 130	30	
Tetrachloroethene	ND	5.0	97	101	4.0	95	103	8.1	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	103	114	10.1	103	106	2.9	70 - 130	30	
Toluene	ND	1.0	96	101	5.1	92	99	7.3	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	97	107	9.8	93	100	7.3	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	98	105	6.9	88	96	8.7	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	106	116	9.0	93	102	9.2	70 - 130	30	
Trichloroethene	ND	5.0	98	103	5.0	93	101	8.2	70 - 130	30	
Trichlorofluoromethane	ND	5.0	91	97	6.4	48	49	2.1	70 - 130	30	m
Trichlorotrifluoroethane	ND	5.0	94	98	4.2	86	94	8.9	70 - 130	30	

QA/QC Data

SDG I.D.: GBK73924

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Vinyl chloride	ND	5.0	97	102	5.0	88	95	7.7	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	101	101	0.0	101	102	1.0	70 - 130	30
% Bromofluorobenzene	98	%	100	101	1.0	101	100	1.0	70 - 130	30
% Dibromofluoromethane	101	%	101	103	2.0	103	101	2.0	70 - 130	30
% Toluene-d8	98	%	101	100	1.0	100	100	0.0	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%.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD 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
March 14, 2016

Sample Criteria Exceedences Report

GBK73924 - CIDER-ENV

Criteria: None

State: NY

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

*** No Data to Display ***

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

March 14, 2016

SDG I.D.: GBK73924

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [ ] ICE [X] No [ ]
Temp 4 °C Pg of

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

Contact Options:
[ ] Fax:
[X] Phone: 631-616-4000
[ ] Email:

Customer: Cider Environmental
Address: 668 Jericho Tpke Suite 12 Commack, NY

Project: 283 Huguenot St.
Report to: James Crosby
Invoice to:

Project P.O: 2015-188

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Tom Chang Date: 03/03

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: 8260 8270-CP-51

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled			Soil VOA Vials [ ]	GL Soil container [ ] Methanol [ ] H2O	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl ( ) oz	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
73924	SB-1	S	03/03		X	X	3	1								
73925	SB-2				X	X	3	1								
73926	SB-3				X	X	3	1								
73927	SB-4				X	X	3	1								
73928	SB-5				X	X	3	1								
73929	SB-6				X	X	3	1								
73930	SB-7		03/04		X	X	3	1								
73931	SB-8				X	X	3	1								
73932	SB-9				X	X	3	1								
73933	SB-10				X	X	3	1								

Relinquished by	Accepted by:	Date:	Time:
Tom Chang		3-4-16	13:50
		3/4/16	16:19

Comments, Special Requirements or Regulations:

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

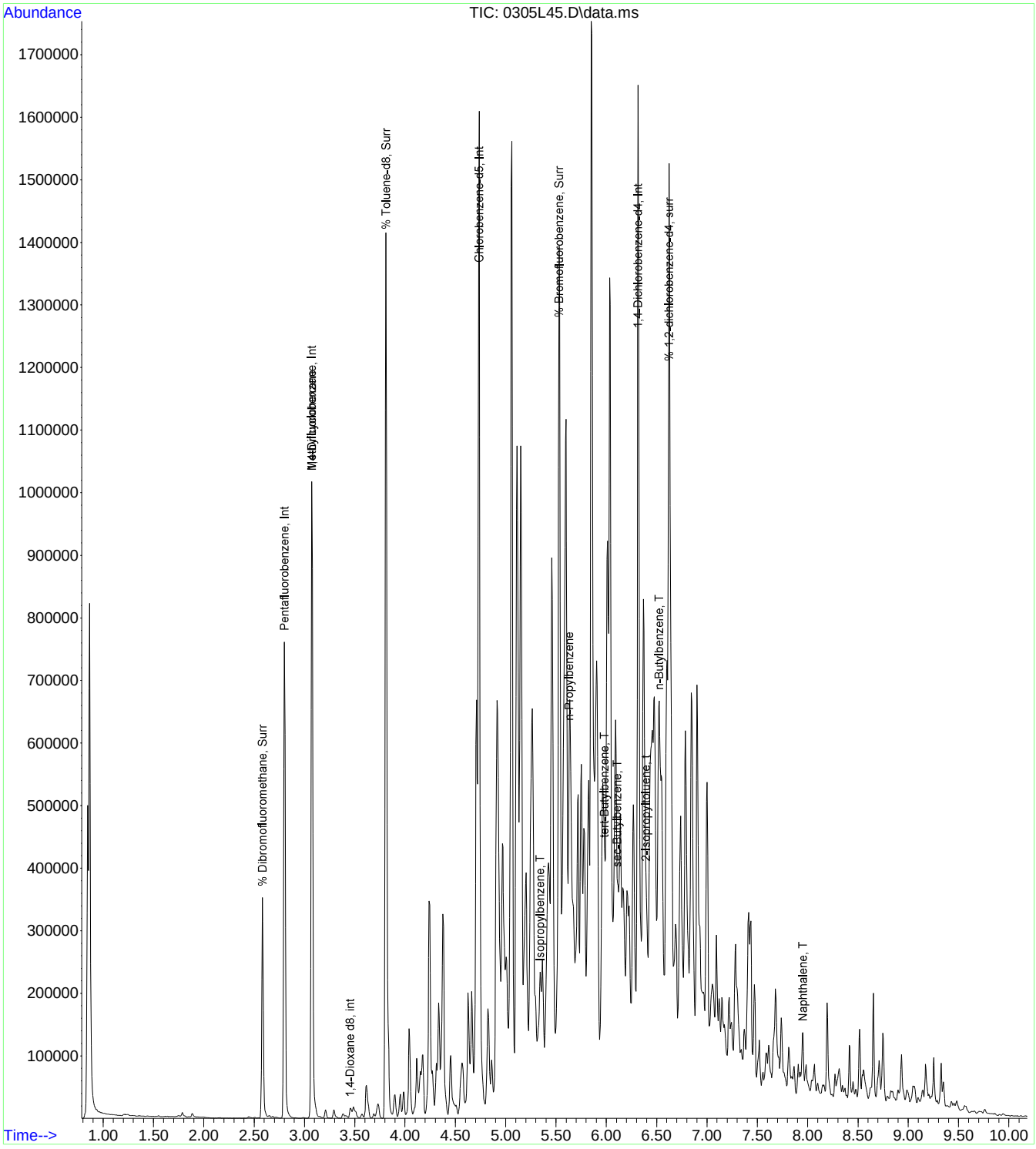
NY
[ ] TAGM 4046 GW
[ ] TAGM 4046 SOIL
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential Soil
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

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

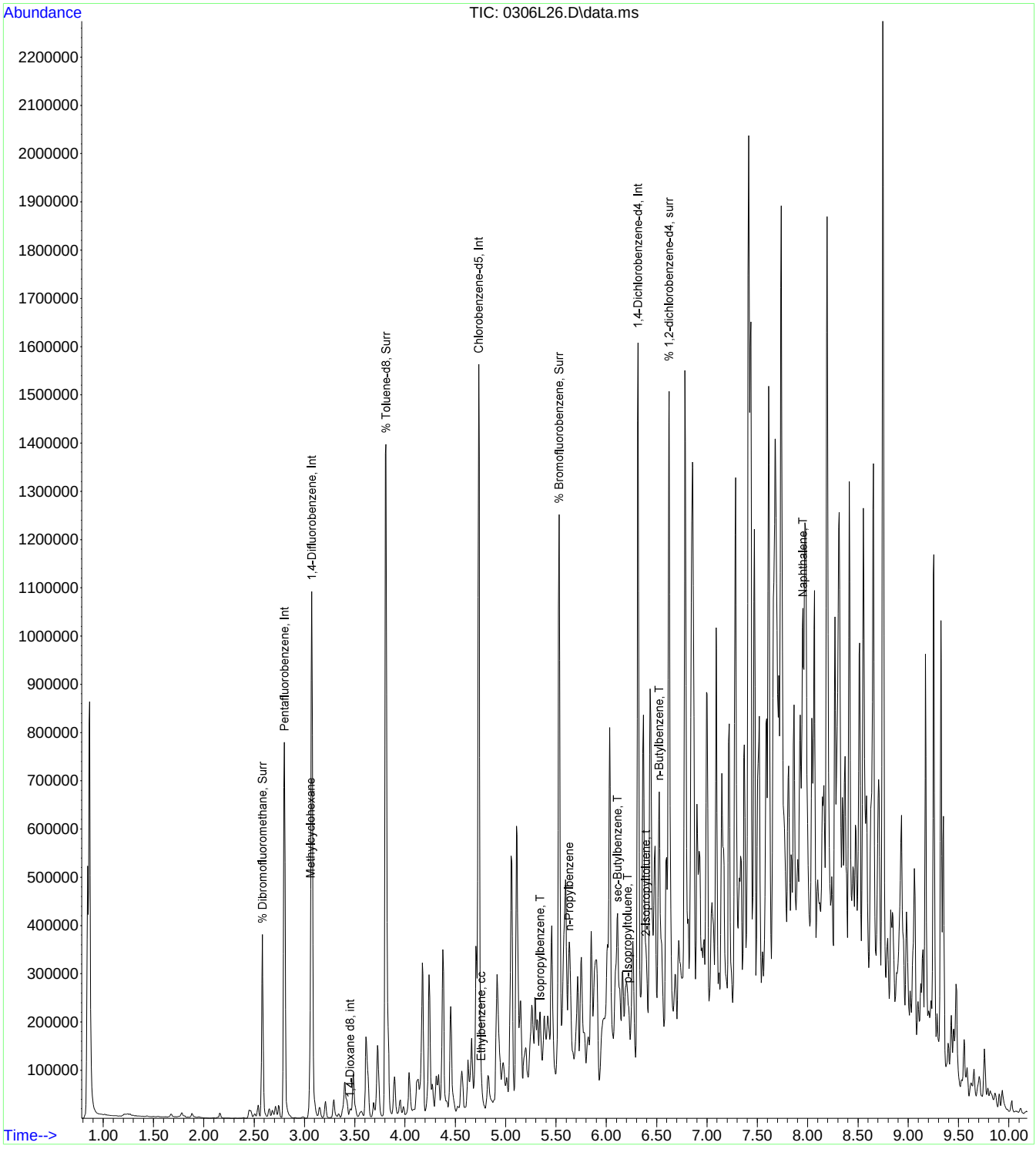
State where samples were collected: NY

```
File       :H:\V2016\CHEM03\03MAR\030516\0305L45.D
Operator   :
Acquired   :  5 Mar 2016  11:59 pm using AcqMethod 524_A03.M
Instrument :   Chem3
Sample Name: BK73924 #1  1098.9X  9.10g HL v2
Misc Info  : $8260SMRNY 03/09
Vial Number: 1
```



Petroleum hydrocarbon distribution

```
File       :H:\V2016\CHEM03\03MAR\030616\0306L26.D
Operator   :
Acquired   :  6 Mar 2016   7:08 pm using AcqMethod 524_A03.M
Instrument :   Chem3
Sample Name: BK73927 #2  206.27X  12.12g HL v2
Misc Info  : $8260SMRNY 03/09  1000x ran
Vial Number: 1
```



Petroleum hydrocarbon distribution

```
File       :H:\V2016\CHEM03\03MAR\030516\0305L50.D
Operator   :
Acquired   :  6 Mar 2016   1:43 am using AcqMethod 524_A03.M
Instrument :   Chem3
Sample Name: BK73932 #1  612X  16.34g HL v1
Misc Info  : $8260SMRNY 03/09
Vial Number: 1
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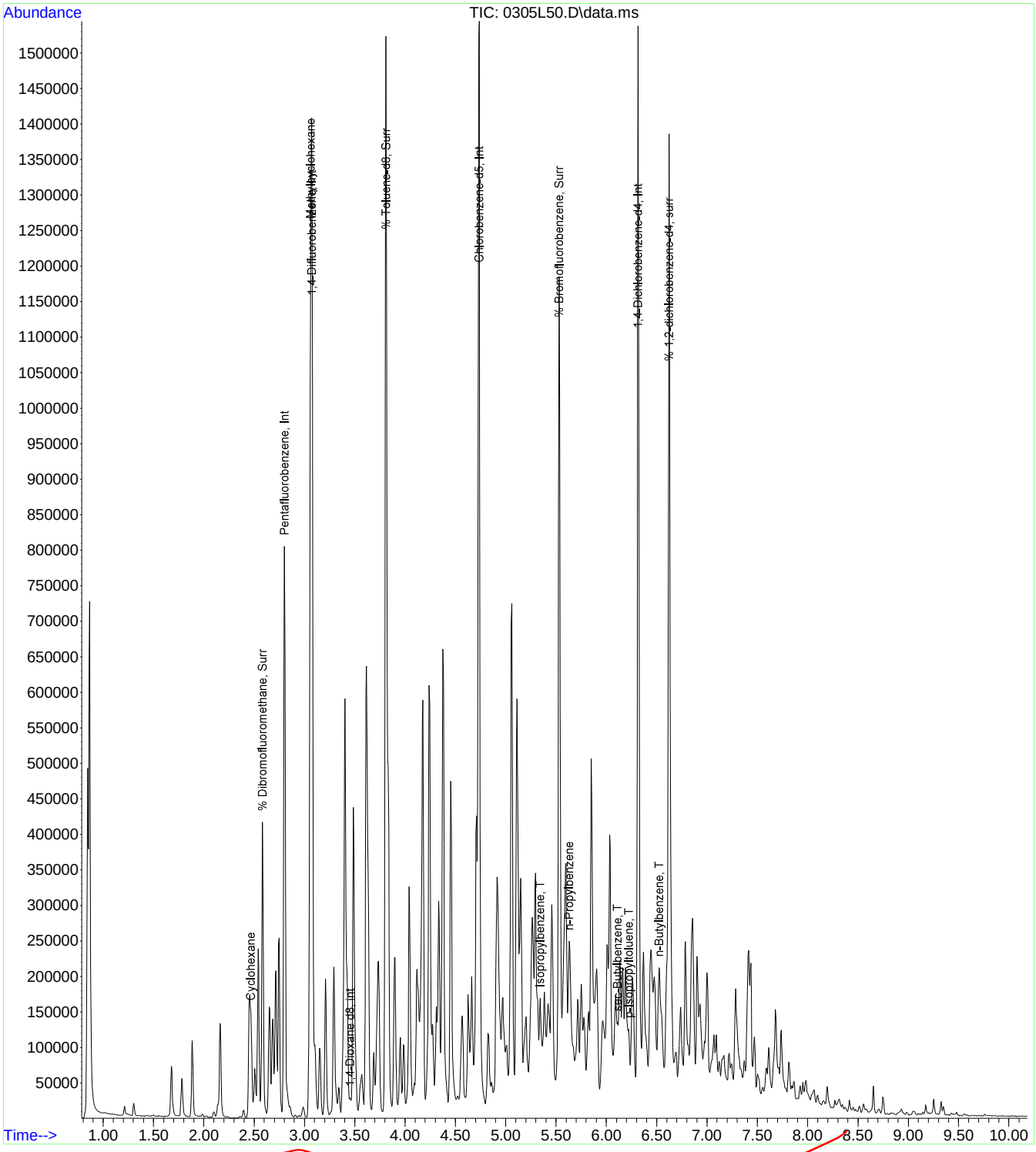

Petroleum hydrocarbon distribution

PHOENIX
Environmental Laboratories, Inc.

Friday, March 11, 2016

Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Project ID: 383 HUGUENOT ST
Sample ID#s: BK73934 - BK73938

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.

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

March 11, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/03/16	
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBK73934
Phoenix ID: BK73934

Project ID: 383 HUGUENOT ST
Client ID: GW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed				03/04/16	E/K	SW3520C	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,1,1-Trichloroethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	50	ug/L	100	03/08/16	MH	SW8260C	
1,1,2-Trichloroethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,1-Dichloroethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,1-Dichloroethene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,1-Dichloropropene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,2,3-Trichloropropane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,2-Dibromoethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,2-Dichlorobenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,2-Dichloroethane	ND	60	ug/L	100	03/08/16	MH	SW8260C	
1,2-Dichloropropane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,3-Dichlorobenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,3-Dichloropropane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,4-Dichlorobenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
2,2-Dichloropropane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
2-Chlorotoluene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
2-Hexanone	ND	500	ug/L	100	03/08/16	MH	SW8260C	
2-Isopropyltoluene	100	100	ug/L	100	03/08/16	MH	SW8260C	1
4-Chlorotoluene	ND	100	ug/L	100	03/08/16	MH	SW8260C	

Project ID: 383 HUGUENOT ST
Client ID: GW-1

Phoenix I.D.: BK73934

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	500	ug/L	100	03/08/16	MH	SW8260C	
Acetone	ND	2500	ug/L	100	03/08/16	MH	SW8260C	
Acrylonitrile	ND	500	ug/L	100	03/08/16	MH	SW8260C	
Benzene	ND	70	ug/L	100	03/08/16	MH	SW8260C	
Bromobenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Bromochloromethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Bromodichloromethane	ND	50	ug/L	100	03/08/16	MH	SW8260C	
Bromoform	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Bromomethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Carbon Disulfide	ND	500	ug/L	100	03/08/16	MH	SW8260C	
Carbon tetrachloride	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Chlorobenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Chloroethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Chloroform	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Chloromethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
cis-1,2-Dichloroethene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
cis-1,3-Dichloropropene	ND	40	ug/L	100	03/08/16	MH	SW8260C	
Dibromochloromethane	ND	50	ug/L	100	03/08/16	MH	SW8260C	
Dibromomethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Dichlorodifluoromethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Ethylbenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Hexachlorobutadiene	ND	40	ug/L	100	03/08/16	MH	SW8260C	
Isopropylbenzene	190	100	ug/L	100	03/08/16	MH	SW8260C	
m&p-Xylene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Methyl ethyl ketone	ND	500	ug/L	100	03/08/16	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Methylene chloride	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Naphthalene	870	100	ug/L	100	03/08/16	MH	SW8260C	
n-Butylbenzene	240	100	ug/L	100	03/08/16	MH	SW8260C	
n-Propylbenzene	400	100	ug/L	100	03/08/16	MH	SW8260C	
o-Xylene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
p-Isopropyltoluene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
sec-Butylbenzene	220	100	ug/L	100	03/08/16	MH	SW8260C	
Styrene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
tert-Butylbenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Tetrachloroethene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Tetrahydrofuran (THF)	ND	250	ug/L	100	03/08/16	MH	SW8260C	1
Toluene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Total Xylenes	ND	100	ug/L	100	03/08/16	MH	SW8260C	
trans-1,2-Dichloroethene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
trans-1,3-Dichloropropene	ND	40	ug/L	100	03/08/16	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	500	ug/L	100	03/08/16	MH	SW8260C	
Trichloroethene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Trichlorofluoromethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Trichlorotrifluoroethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Vinyl chloride	ND	100	ug/L	100	03/08/16	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	104		%	100	03/08/16	MH	70 - 130 %	
% Bromofluorobenzene	105		%	100	03/08/16	MH	70 - 130 %	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	101		%	100	03/08/16	MH	70 - 130 %
% Toluene-d8	101		%	100	03/08/16	MH	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	950	250	ug/L	50	03/08/16	DD	SW8270D
Acenaphthene	ND	250	ug/L	50	03/08/16	DD	SW8270D
Acenaphthylene	ND	250	ug/L	50	03/08/16	DD	SW8270D
Anthracene	ND	250	ug/L	50	03/08/16	DD	SW8270D
Benz(a)anthracene	ND	250	ug/L	50	03/08/16	DD	SW8270D
Benzo(a)pyrene	ND	250	ug/L	50	03/08/16	DD	SW8270D
Benzo(b)fluoranthene	ND	250	ug/L	50	03/08/16	DD	SW8270D
Benzo(ghi)perylene	ND	250	ug/L	50	03/08/16	DD	SW8270D
Benzo(k)fluoranthene	ND	250	ug/L	50	03/08/16	DD	SW8270D
Chrysene	ND	250	ug/L	50	03/08/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	250	ug/L	50	03/08/16	DD	SW8270D
Fluoranthene	ND	250	ug/L	50	03/08/16	DD	SW8270D
Fluorene	ND	250	ug/L	50	03/08/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	ug/L	50	03/08/16	DD	SW8270D
Naphthalene	760	250	ug/L	50	03/08/16	DD	SW8270D
Phenanthrene	340	250	ug/L	50	03/08/16	DD	SW8270D
Pyrene	ND	250	ug/L	50	03/08/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	Diluted Out		%	50	03/08/16	DD	30 - 130 %
% Nitrobenzene-d5	Diluted Out		%	50	03/08/16	DD	30 - 130 %
% Terphenyl-d14	Diluted Out		%	50	03/08/16	DD	30 - 130 %

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:

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. The sample vial has oily residue on the cap and vial.

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

Phyllis Shiller, Laboratory Director
March 11, 2016
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

March 11, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/03/16	
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBK73934
Phoenix ID: BK73935

Project ID: 383 HUGUENOT ST
Client ID: GW-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed				03/04/16	E/K	SW3520C	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,1,1-Trichloroethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	50	ug/L	100	03/08/16	MH	SW8260C	
1,1,2-Trichloroethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,1-Dichloroethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,1-Dichloroethene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,1-Dichloropropene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,2,3-Trichloropropane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,2-Dibromoethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,2-Dichlorobenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,2-Dichloroethane	ND	60	ug/L	100	03/08/16	MH	SW8260C	
1,2-Dichloropropane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,3-Dichlorobenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,3-Dichloropropane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
1,4-Dichlorobenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
2,2-Dichloropropane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
2-Chlorotoluene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
2-Hexanone	ND	500	ug/L	100	03/08/16	MH	SW8260C	
2-Isopropyltoluene	ND	100	ug/L	100	03/08/16	MH	SW8260C	1
4-Chlorotoluene	ND	100	ug/L	100	03/08/16	MH	SW8260C	

Project ID: 383 HUGUENOT ST
Client ID: GW-2

Phoenix I.D.: BK73935

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	500	ug/L	100	03/08/16	MH	SW8260C	
Acetone	ND	2500	ug/L	100	03/08/16	MH	SW8260C	
Acrylonitrile	ND	500	ug/L	100	03/08/16	MH	SW8260C	
Benzene	ND	70	ug/L	100	03/08/16	MH	SW8260C	
Bromobenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Bromochloromethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Bromodichloromethane	ND	50	ug/L	100	03/08/16	MH	SW8260C	
Bromoform	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Bromomethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Carbon Disulfide	ND	500	ug/L	100	03/08/16	MH	SW8260C	
Carbon tetrachloride	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Chlorobenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Chloroethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Chloroform	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Chloromethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
cis-1,2-Dichloroethene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
cis-1,3-Dichloropropene	ND	40	ug/L	100	03/08/16	MH	SW8260C	
Dibromochloromethane	ND	50	ug/L	100	03/08/16	MH	SW8260C	
Dibromomethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Dichlorodifluoromethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Ethylbenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Hexachlorobutadiene	ND	40	ug/L	100	03/08/16	MH	SW8260C	
Isopropylbenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
m&p-Xylene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Methyl ethyl ketone	ND	500	ug/L	100	03/08/16	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Methylene chloride	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Naphthalene	420	100	ug/L	100	03/08/16	MH	SW8260C	
n-Butylbenzene	150	100	ug/L	100	03/08/16	MH	SW8260C	
n-Propylbenzene	130	100	ug/L	100	03/08/16	MH	SW8260C	
o-Xylene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
p-Isopropyltoluene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
sec-Butylbenzene	130	100	ug/L	100	03/08/16	MH	SW8260C	
Styrene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
tert-Butylbenzene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Tetrachloroethene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Tetrahydrofuran (THF)	ND	250	ug/L	100	03/08/16	MH	SW8260C	1
Toluene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Total Xylenes	ND	100	ug/L	100	03/08/16	MH	SW8260C	
trans-1,2-Dichloroethene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
trans-1,3-Dichloropropene	ND	40	ug/L	100	03/08/16	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	500	ug/L	100	03/08/16	MH	SW8260C	
Trichloroethene	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Trichlorofluoromethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Trichlorotrifluoroethane	ND	100	ug/L	100	03/08/16	MH	SW8260C	
Vinyl chloride	ND	100	ug/L	100	03/08/16	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102		%	100	03/08/16	MH	70 - 130 %	
% Bromofluorobenzene	104		%	100	03/08/16	MH	70 - 130 %	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	101		%	100	03/08/16	MH	70 - 130 %
% Toluene-d8	101		%	100	03/08/16	MH	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	5500	1300	ug/L	50	03/07/16	DD	SW8270D
Acenaphthene	ND	1300	ug/L	50	03/07/16	DD	SW8270D
Acenaphthylene	ND	1300	ug/L	50	03/07/16	DD	SW8270D
Anthracene	ND	1300	ug/L	50	03/07/16	DD	SW8270D
Benz(a)anthracene	ND	1300	ug/L	50	03/07/16	DD	SW8270D
Benzo(a)pyrene	ND	1300	ug/L	50	03/07/16	DD	SW8270D
Benzo(b)fluoranthene	ND	1300	ug/L	50	03/07/16	DD	SW8270D
Benzo(ghi)perylene	ND	1300	ug/L	50	03/07/16	DD	SW8270D
Benzo(k)fluoranthene	ND	1300	ug/L	50	03/07/16	DD	SW8270D
Chrysene	ND	1300	ug/L	50	03/07/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	1300	ug/L	50	03/07/16	DD	SW8270D
Fluoranthene	ND	1300	ug/L	50	03/07/16	DD	SW8270D
Fluorene	1700	1300	ug/L	50	03/07/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	1300	ug/L	50	03/07/16	DD	SW8270D
Naphthalene	2900	1300	ug/L	50	03/07/16	DD	SW8270D
Phenanthrene	2900	1300	ug/L	50	03/07/16	DD	SW8270D
Pyrene	ND	1300	ug/L	50	03/07/16	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	Diluted Out		%	50	03/07/16	DD	30 - 130 %
% Nitrobenzene-d5	Diluted Out		%	50	03/07/16	DD	30 - 130 %
% Terphenyl-d14	Diluted Out		%	50	03/07/16	DD	30 - 130 %

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:

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. The sample vial has oily residue on the cap and vial.

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

Phyllis Shiller, Laboratory Director
March 11, 2016
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

NY # 11301

Analysis Report

March 11, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/03/16	
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBK73934
Phoenix ID: BK73936

Project ID: 383 HUGUENOT ST
Client ID: GW-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed				03/04/16	E/K	SW3520C	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,1,1-Trichloroethane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	10	03/10/16	MH	SW8260C	
1,1,2-Trichloroethane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,1-Dichloroethane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,1-Dichloroethene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,1-Dichloropropene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,2,3-Trichloropropane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,2-Dibromoethane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,2-Dichlorobenzene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,2-Dichloroethane	ND	6.0	ug/L	10	03/10/16	MH	SW8260C	
1,2-Dichloropropane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,3-Dichlorobenzene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,3-Dichloropropane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
1,4-Dichlorobenzene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
2,2-Dichloropropane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
2-Chlorotoluene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
2-Hexanone	ND	50	ug/L	10	03/10/16	MH	SW8260C	
2-Isopropyltoluene	ND	10	ug/L	10	03/10/16	MH	SW8260C	1
4-Chlorotoluene	ND	10	ug/L	10	03/10/16	MH	SW8260C	

Project ID: 383 HUGUENOT ST
Client ID: GW-3

Phoenix I.D.: BK73936

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	50	ug/L	10	03/10/16	MH	SW8260C	
Acetone	ND	250	ug/L	10	03/10/16	MH	SW8260C	
Acrylonitrile	ND	50	ug/L	10	03/10/16	MH	SW8260C	
Benzene	ND	7.0	ug/L	10	03/10/16	MH	SW8260C	
Bromobenzene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Bromochloromethane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Bromodichloromethane	ND	5.0	ug/L	10	03/10/16	MH	SW8260C	
Bromoform	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Bromomethane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Carbon Disulfide	ND	50	ug/L	10	03/10/16	MH	SW8260C	
Carbon tetrachloride	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Chlorobenzene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Chloroethane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Chloroform	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Chloromethane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
cis-1,2-Dichloroethene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
cis-1,3-Dichloropropene	ND	4.0	ug/L	10	03/10/16	MH	SW8260C	
Dibromochloromethane	ND	5.0	ug/L	10	03/10/16	MH	SW8260C	
Dibromomethane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Dichlorodifluoromethane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Ethylbenzene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Hexachlorobutadiene	ND	4.0	ug/L	10	03/10/16	MH	SW8260C	
Isopropylbenzene	14	10	ug/L	10	03/10/16	MH	SW8260C	
m&p-Xylene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Methyl ethyl ketone	ND	50	ug/L	10	03/10/16	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Methylene chloride	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Naphthalene	100	10	ug/L	10	03/10/16	MH	SW8260C	
n-Butylbenzene	16	10	ug/L	10	03/10/16	MH	SW8260C	
n-Propylbenzene	18	10	ug/L	10	03/10/16	MH	SW8260C	
o-Xylene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
p-Isopropyltoluene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
sec-Butylbenzene	18	10	ug/L	10	03/10/16	MH	SW8260C	
Styrene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
tert-Butylbenzene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Tetrachloroethene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Tetrahydrofuran (THF)	ND	25	ug/L	10	03/10/16	MH	SW8260C	1
Toluene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Total Xylenes	ND	10	ug/L	10	03/10/16	MH	SW8260C	
trans-1,2-Dichloroethene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
trans-1,3-Dichloropropene	ND	4.0	ug/L	10	03/10/16	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	50	ug/L	10	03/10/16	MH	SW8260C	
Trichloroethene	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Trichlorofluoromethane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Trichlorotrifluoroethane	ND	10	ug/L	10	03/10/16	MH	SW8260C	
Vinyl chloride	ND	10	ug/L	10	03/10/16	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101		%	10	03/10/16	MH	70 - 130 %	
% Bromofluorobenzene	99		%	10	03/10/16	MH	70 - 130 %	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	95		%	10	03/10/16	MH	70 - 130 %
% Toluene-d8	99		%	10	03/10/16	MH	70 - 130 %
Semivolatiles by SIM							
2-Methylnaphthalene	110	1.0	ug/L	10	03/07/16	DD	SW8270D (SIM)
Acenaphthene	14	1.0	ug/L	10	03/07/16	DD	SW8270D (SIM)
Acenaphthylene	8.2	1.0	ug/L	10	03/07/16	DD	SW8270D (SIM)
Anthracene	7.0	1.0	ug/L	10	03/07/16	DD	SW8270D (SIM)
Benz(a)anthracene	0.55	0.20	ug/L	10	03/07/16	DD	SW8270D (SIM)
Benzo(a)pyrene	0.29	0.20	ug/L	10	03/07/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	0.35	0.20	ug/L	10	03/07/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	1.0	ug/L	10	03/07/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	0.29	0.20	ug/L	10	03/07/16	DD	SW8270D (SIM)
Chrysene	0.55	0.20	ug/L	10	03/07/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.10	ug/L	10	03/07/16	DD	SW8270D (SIM)
Fluoranthene	1.3	1.0	ug/L	10	03/07/16	DD	SW8270D (SIM)
Fluorene	32	1.0	ug/L	10	03/07/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	10	03/07/16	DD	SW8270D (SIM)
Naphthalene	64	1.0	ug/L	10	03/07/16	DD	SW8270D (SIM)
Phenanthrene	40	0.70	ug/L	10	03/07/16	DD	SW8270D (SIM)
Pyrene	2.2	1.0	ug/L	10	03/07/16	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	Diluted Out		%	10	03/07/16	DD	30 - 130 %
% Nitrobenzene-d5	Diluted Out		%	10	03/07/16	DD	30 - 130 %
% Terphenyl-d14	Diluted Out		%	10	03/07/16	DD	30 - 130 %

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:

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 the presence of target and/or non-target compounds.

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

Phyllis Shiller, Laboratory Director
March 11, 2016
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

March 11, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/04/16	
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBK73934
Phoenix ID: BK73937

Project ID: 383 HUGUENOT ST
Client ID: GW-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed				03/04/16	E/K	SW3520C	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/06/16	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/06/16	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/06/16	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	

Project ID: 383 HUGUENOT ST
Client ID: GW-4

Phoenix I.D.: BK73937

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/06/16	MH	SW8260C	
Acetone	ND	25	ug/L	1	03/06/16	MH	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/06/16	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	03/06/16	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/06/16	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/06/16	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
cis-1,2-Dichloroethene	1.2	1.0	ug/L	1	03/06/16	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/06/16	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/06/16	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/06/16	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/06/16	MH	SW8260C	
Methyl t-butyl ether (MTBE)	1.5	1.0	ug/L	1	03/06/16	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/06/16	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/06/16	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/06/16	MH	SW8260C	
Trichloroethene	6.3	1.0	ug/L	1	03/06/16	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/06/16	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101		%	1	03/06/16	MH	70 - 130 %	
% Bromofluorobenzene	95		%	1	03/06/16	MH	70 - 130 %	

Project ID: 383 HUGUENOT ST
Client ID: GW-4

Phoenix I.D.: BK73937

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	93		%	1	03/06/16	MH	70 - 130 %
% Toluene-d8	99		%	1	03/06/16	MH	70 - 130 %
Semivolatiles by SIM							
2-Methylnaphthalene	ND	0.10	ug/L	1	03/07/16	DD	SW8270D (SIM)
Acenaphthene	ND	0.10	ug/L	1	03/07/16	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	ug/L	1	03/07/16	DD	SW8270D (SIM)
Anthracene	ND	0.10	ug/L	1	03/07/16	DD	SW8270D (SIM)
Benz(a)anthracene	0.10	0.02	ug/L	1	03/07/16	DD	SW8270D (SIM)
Benzo(a)pyrene	0.07	0.02	ug/L	1	03/07/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	0.09	0.02	ug/L	1	03/07/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.10	ug/L	1	03/07/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	0.09	0.02	ug/L	1	03/07/16	DD	SW8270D (SIM)
Chrysene	0.10	0.02	ug/L	1	03/07/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	0.02	0.01	ug/L	1	03/07/16	DD	SW8270D (SIM)
Fluoranthene	0.24	0.10	ug/L	1	03/07/16	DD	SW8270D (SIM)
Fluorene	ND	0.10	ug/L	1	03/07/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	0.05	0.02	ug/L	1	03/07/16	DD	SW8270D (SIM)
Naphthalene	ND	0.10	ug/L	1	03/07/16	DD	SW8270D (SIM)
Phenanthrene	0.18	0.07	ug/L	1	03/07/16	DD	SW8270D (SIM)
Pyrene	0.24	0.10	ug/L	1	03/07/16	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	71		%	1	03/07/16	DD	30 - 130 %
% Nitrobenzene-d5	77		%	1	03/07/16	DD	30 - 130 %
% Terphenyl-d14	89		%	1	03/07/16	DD	30 - 130 %

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:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
March 11, 2016
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

NY # 11301

Analysis Report

March 11, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/04/16	
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBK73934
Phoenix ID: BK73938

Project ID: 383 HUGUENOT ST
Client ID: GW-5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed				03/04/16	E/K	SW3520C	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,1,1-Trichloroethane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	10	ug/L	20	03/10/16	MH	SW8260C	
1,1,2-Trichloroethane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,1-Dichloroethane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,1-Dichloroethene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,1-Dichloropropene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,2,3-Trichloropropane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,2-Dibromoethane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,2-Dichlorobenzene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,2-Dichloroethane	ND	12	ug/L	20	03/10/16	MH	SW8260C	
1,2-Dichloropropane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,3-Dichlorobenzene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,3-Dichloropropane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
1,4-Dichlorobenzene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
2,2-Dichloropropane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
2-Chlorotoluene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
2-Hexanone	ND	100	ug/L	20	03/10/16	MH	SW8260C	
2-Isopropyltoluene	24	20	ug/L	20	03/10/16	MH	SW8260C	1
4-Chlorotoluene	ND	20	ug/L	20	03/10/16	MH	SW8260C	

Project ID: 383 HUGUENOT ST
Client ID: GW-5

Phoenix I.D.: BK73938

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	100	ug/L	20	03/10/16	MH	SW8260C	
Acetone	ND	500	ug/L	20	03/10/16	MH	SW8260C	
Acrylonitrile	ND	100	ug/L	20	03/10/16	MH	SW8260C	
Benzene	ND	14	ug/L	20	03/10/16	MH	SW8260C	
Bromobenzene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Bromochloromethane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Bromodichloromethane	ND	10	ug/L	20	03/10/16	MH	SW8260C	
Bromoform	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Bromomethane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Carbon Disulfide	ND	100	ug/L	20	03/10/16	MH	SW8260C	
Carbon tetrachloride	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Chlorobenzene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Chloroethane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Chloroform	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Chloromethane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
cis-1,2-Dichloroethene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
cis-1,3-Dichloropropene	ND	8.0	ug/L	20	03/10/16	MH	SW8260C	
Dibromochloromethane	ND	10	ug/L	20	03/10/16	MH	SW8260C	
Dibromomethane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Dichlorodifluoromethane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Ethylbenzene	22	20	ug/L	20	03/10/16	MH	SW8260C	
Hexachlorobutadiene	ND	8.0	ug/L	20	03/10/16	MH	SW8260C	
Isopropylbenzene	160	20	ug/L	20	03/10/16	MH	SW8260C	
m&p-Xylene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Methyl ethyl ketone	ND	100	ug/L	20	03/10/16	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Methylene chloride	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Naphthalene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
n-Butylbenzene	41	20	ug/L	20	03/10/16	MH	SW8260C	
n-Propylbenzene	170	20	ug/L	20	03/10/16	MH	SW8260C	
o-Xylene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
p-Isopropyltoluene	48	20	ug/L	20	03/10/16	MH	SW8260C	
sec-Butylbenzene	49	20	ug/L	20	03/10/16	MH	SW8260C	
Styrene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
tert-Butylbenzene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Tetrachloroethene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Tetrahydrofuran (THF)	ND	50	ug/L	20	03/10/16	MH	SW8260C	1
Toluene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Total Xylenes	ND	20	ug/L	20	03/10/16	MH	SW8260C	
trans-1,2-Dichloroethene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
trans-1,3-Dichloropropene	ND	8.0	ug/L	20	03/10/16	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	100	ug/L	20	03/10/16	MH	SW8260C	
Trichloroethene	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Trichlorofluoromethane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Trichlorotrifluoroethane	ND	20	ug/L	20	03/10/16	MH	SW8260C	
Vinyl chloride	ND	20	ug/L	20	03/10/16	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	20	03/10/16	MH	70 - 130 %	
% Bromofluorobenzene	102		%	20	03/10/16	MH	70 - 130 %	

Project ID: 383 HUGUENOT ST
Client ID: GW-5

Phoenix I.D.: BK73938

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	97		%	20	03/10/16	MH	70 - 130 %
% Toluene-d8	105		%	20	03/10/16	MH	70 - 130 %
Semivolatiles by SIM							
2-Methylnaphthalene	190	1.1	ug/L	10	03/08/16	DD	SW8270D (SIM)
Acenaphthene	1.5	1.1	ug/L	10	03/07/16	DD	SW8270D (SIM)
Acenaphthylene	ND	1.1	ug/L	10	03/07/16	DD	SW8270D (SIM)
Anthracene	1.2	1.1	ug/L	10	03/07/16	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.21	ug/L	10	03/07/16	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.21	ug/L	10	03/07/16	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.21	ug/L	10	03/07/16	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	1.1	ug/L	10	03/07/16	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.21	ug/L	10	03/07/16	DD	SW8270D (SIM)
Chrysene	0.24	0.21	ug/L	10	03/07/16	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.11	ug/L	10	03/07/16	DD	SW8270D (SIM)
Fluoranthene	ND	1.1	ug/L	10	03/07/16	DD	SW8270D (SIM)
Fluorene	4.7	1.1	ug/L	10	03/07/16	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.21	ug/L	10	03/07/16	DD	SW8270D (SIM)
Naphthalene	16	1.1	ug/L	10	03/07/16	DD	SW8270D (SIM)
Phenanthrene	6.1	0.74	ug/L	10	03/07/16	DD	SW8270D (SIM)
Pyrene	ND	1.1	ug/L	10	03/07/16	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	Diluted Out		%	10	03/07/16	DD	30 - 130 %
% Nitrobenzene-d5	Diluted Out		%	10	03/07/16	DD	30 - 130 %
% Terphenyl-d14	Diluted Out		%	10	03/07/16	DD	30 - 130 %

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:

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 due to the foamy nature of the sample.

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

Phyllis Shiller, Laboratory Director
March 11, 2016
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PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

March 11, 2016

QA/QC Data

SDG I.D.: GBK73934

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 337047 (ug/L), QC Sample No: BK73610 (BK73934, BK73935, BK73936, BK73937, BK73938)										
Semivolatiles by SIM - Ground Water										
2-Methylnaphthalene	ND	0.05	68	72	5.7				30 - 130	20
Acenaphthene	ND	0.05	78	81	3.8				30 - 130	20
Acenaphthylene	ND	0.04	68	70	2.9				30 - 130	20
Anthracene	ND	0.02	91	92	1.1				30 - 130	20
Benz(a)anthracene	ND	0.02	86	86	0.0				30 - 130	20
Benzo(a)pyrene	ND	0.02	86	86	0.0				30 - 130	20
Benzo(b)fluoranthene	ND	0.02	95	95	0.0				30 - 130	20
Benzo(ghi)perylene	ND	0.02	75	75	0.0				30 - 130	20
Benzo(k)fluoranthene	ND	0.02	92	93	1.1				30 - 130	20
Chrysene	ND	0.02	83	83	0.0				30 - 130	20
Dibenz(a,h)anthracene	ND	0.01	86	85	1.2				30 - 130	20
Fluoranthene	ND	0.04	90	92	2.2				30 - 130	20
Fluorene	ND	0.05	79	83	4.9				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	0.02	82	80	2.5				30 - 130	20
Naphthalene	ND	0.05	62	66	6.3				30 - 130	20
Phenanthrene	ND	0.05	81	81	0.0				30 - 130	20
Pyrene	ND	0.02	92	93	1.1				30 - 130	20
% 2-Fluorobiphenyl	73	%	66	68	3.0				30 - 130	20
% Nitrobenzene-d5	80	%	59	61	3.3				30 - 130	20
% Terphenyl-d14	86	%	95	94	1.1				30 - 130	20

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 337191 (ug/L), QC Sample No: BK73790 (BK73937)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	94	114	19.2				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	86	103	18.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	98	115	16.0				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	99	111	11.4				70 - 130	30
1,1-Dichloroethane	ND	1.0	90	107	17.3				70 - 130	30
1,1-Dichloroethene	ND	1.0	91	110	18.9				70 - 130	30
1,1-Dichloropropene	ND	1.0	91	106	15.2				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	89	104	15.5				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	91	106	15.2				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	93	108	14.9				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	91	106	15.2				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	95	117	20.8				70 - 130	30
1,2-Dibromoethane	ND	1.0	98	115	16.0				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	94	110	15.7				70 - 130	30
1,2-Dichloroethane	ND	1.0	90	105	15.4				70 - 130	30
1,2-Dichloropropane	ND	1.0	92	107	15.1				70 - 130	30

QA/QC Data

SDG I.D.: GBK73934

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,3,5-Trimethylbenzene	ND	1.0	91	106	15.2				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	93	108	14.9				70 - 130	30
1,3-Dichloropropane	ND	1.0	92	108	16.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	94	110	15.7				70 - 130	30
2,2-Dichloropropane	ND	1.0	84	99	16.4				70 - 130	30
2-Chlorotoluene	ND	1.0	94	109	14.8				70 - 130	30
2-Hexanone	ND	5.0	88	109	21.3				70 - 130	30
2-Isopropyltoluene	ND	1.0	91	108	17.1				70 - 130	30
4-Chlorotoluene	ND	1.0	91	104	13.3				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	89	106	17.4				70 - 130	30
Acetone	ND	5.0	76	91	18.0				70 - 130	30
Acrylonitrile	ND	5.0	99	118	17.5				70 - 130	30
Benzene	ND	0.70	93	111	17.6				70 - 130	30
Bromobenzene	ND	1.0	95	110	14.6				70 - 130	30
Bromochloromethane	ND	1.0	96	112	15.4				70 - 130	30
Bromodichloromethane	ND	0.50	94	108	13.9				70 - 130	30
Bromoform	ND	1.0	97	117	18.7				70 - 130	30
Bromomethane	ND	1.0	75	94	22.5				70 - 130	30
Carbon Disulfide	ND	1.0	90	107	17.3				70 - 130	30
Carbon tetrachloride	ND	1.0	86	101	16.0				70 - 130	30
Chlorobenzene	ND	1.0	91	110	18.9				70 - 130	30
Chloroethane	ND	1.0	92	108	16.0				70 - 130	30
Chloroform	ND	1.0	89	105	16.5				70 - 130	30
Chloromethane	ND	1.0	83	98	16.6				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	90	111	20.9				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	91	106	15.2				70 - 130	30
Dibromochloromethane	ND	0.50	98	117	17.7				70 - 130	30
Dibromomethane	ND	1.0	96	110	13.6				70 - 130	30
Dichlorodifluoromethane	ND	1.0	96	113	16.3				70 - 130	30
Ethylbenzene	ND	1.0	92	110	17.8				70 - 130	30
Hexachlorobutadiene	ND	0.40	88	104	16.7				70 - 130	30
Isopropylbenzene	ND	1.0	92	107	15.1				70 - 130	30
m&p-Xylene	ND	1.0	91	111	19.8				70 - 130	30
Methyl ethyl ketone	ND	5.0	93	114	20.3				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	95	115	19.0				70 - 130	30
Methylene chloride	ND	1.0	86	105	19.9				70 - 130	30
Naphthalene	ND	1.0	97	110	12.6				70 - 130	30
n-Butylbenzene	ND	1.0	89	103	14.6				70 - 130	30
n-Propylbenzene	ND	1.0	89	105	16.5				70 - 130	30
o-Xylene	ND	1.0	91	108	17.1				70 - 130	30
p-Isopropyltoluene	ND	1.0	91	107	16.2				70 - 130	30
sec-Butylbenzene	ND	1.0	92	107	15.1				70 - 130	30
Styrene	ND	1.0	92	111	18.7				70 - 130	30
tert-Butylbenzene	ND	1.0	89	104	15.5				70 - 130	30
Tetrachloroethene	ND	1.0	91	107	16.2				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	97	112	14.4				70 - 130	30
Toluene	ND	1.0	92	107	15.1				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	93	110	16.7				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	92	106	14.1				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	99	117	16.7				70 - 130	30
Trichloroethene	ND	1.0	93	108	14.9				70 - 130	30
Trichlorofluoromethane	ND	1.0	79	94	17.3				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	87	102	15.9				70 - 130	30

QA/QC Data

SDG I.D.: GBK73934

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Vinyl chloride	ND	1.0	89	107	18.4				70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	101	100	1.0				70 - 130	30
% Bromofluorobenzene	96	%	98	99	1.0				70 - 130	30
% Dibromofluoromethane	102	%	102	100	2.0				70 - 130	30
% Toluene-d8	98	%	100	99	1.0				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 337425 (ug/L), QC Sample No: BK74120 (BK73934 (100X) , BK73935 (100X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	99	106	6.8				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	99	102	3.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	94	106	12.0				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	84	100	17.4				70 - 130	30
1,1-Dichloroethane	ND	1.0	97	104	7.0				70 - 130	30
1,1-Dichloroethene	ND	1.0	105	105	0.0				70 - 130	30
1,1-Dichloropropene	ND	1.0	103	104	1.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	84	104	21.3				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	94	105	11.1				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	92	107	15.1				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	104	106	1.9				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	91	110	18.9				70 - 130	30
1,2-Dibromoethane	ND	1.0	93	104	11.2				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	96	105	9.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	89	103	14.6				70 - 130	30
1,2-Dichloropropane	ND	1.0	92	102	10.3				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	104	105	1.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	101	106	4.8				70 - 130	30
1,3-Dichloropropane	ND	1.0	93	103	10.2				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	100	103	3.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	100	102	2.0				70 - 130	30
2-Chlorotoluene	ND	1.0	103	105	1.9				70 - 130	30
2-Hexanone	ND	5.0	77	96	22.0				70 - 130	30
2-Isopropyltoluene	ND	1.0	105	108	2.8				70 - 130	30
4-Chlorotoluene	ND	1.0	99	103	4.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	75	97	25.6				70 - 130	30
Acetone	ND	5.0	84	101	18.4				70 - 130	30
Acrylonitrile	ND	5.0	88	109	21.3				70 - 130	30
Benzene	ND	0.70	97	104	7.0				70 - 130	30
Bromobenzene	ND	1.0	99	103	4.0				70 - 130	30
Bromochloromethane	ND	1.0	89	104	15.5				70 - 130	30
Bromodichloromethane	ND	0.50	92	105	13.2				70 - 130	30
Bromoform	ND	1.0	92	107	15.1				70 - 130	30
Bromomethane	ND	1.0	95	99	4.1				70 - 130	30
Carbon Disulfide	ND	1.0	103	105	1.9				70 - 130	30
Carbon tetrachloride	ND	1.0	99	101	2.0				70 - 130	30
Chlorobenzene	ND	1.0	98	102	4.0				70 - 130	30
Chloroethane	ND	1.0	105	106	0.9				70 - 130	30
Chloroform	ND	1.0	94	104	10.1				70 - 130	30
Chloromethane	ND	1.0	104	107	2.8				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	89	102	13.6				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	88	99	11.8				70 - 130	30

QA/QC Data

SDG I.D.: GBK73934

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Dibromochloromethane	ND	0.50	95	106	10.9				70 - 130	30
Dibromomethane	ND	1.0	86	101	16.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	128	130	1.6				70 - 130	30
Ethylbenzene	ND	1.0	102	103	1.0				70 - 130	30
Hexachlorobutadiene	ND	0.40	99	103	4.0				70 - 130	30
Isopropylbenzene	ND	1.0	103	103	0.0				70 - 130	30
m&p-Xylene	ND	1.0	104	105	1.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	72	97	29.6				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	87	110	23.4				70 - 130	30
Methylene chloride	ND	1.0	87	100	13.9				70 - 130	30
Naphthalene	ND	1.0	88	107	19.5				70 - 130	30
n-Butylbenzene	ND	1.0	99	106	6.8				70 - 130	30
n-Propylbenzene	ND	1.0	101	102	1.0				70 - 130	30
o-Xylene	ND	1.0	101	104	2.9				70 - 130	30
p-Isopropyltoluene	ND	1.0	102	108	5.7				70 - 130	30
sec-Butylbenzene	ND	1.0	100	107	6.8				70 - 130	30
Styrene	ND	1.0	99	105	5.9				70 - 130	30
tert-Butylbenzene	ND	1.0	100	104	3.9				70 - 130	30
Tetrachloroethene	ND	1.0	98	102	4.0				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	80	105	27.0				70 - 130	30
Toluene	ND	1.0	96	103	7.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	100	104	3.9				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	86	101	16.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	95	108	12.8				70 - 130	30
Trichloroethene	ND	1.0	99	103	4.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	97	99	2.0				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	99	102	3.0				70 - 130	30
Vinyl chloride	ND	1.0	109	109	0.0				70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	97	102	5.0				70 - 130	30
% Bromofluorobenzene	97	%	98	101	3.0				70 - 130	30
% Dibromofluoromethane	103	%	92	102	10.3				70 - 130	30
% Toluene-d8	99	%	99	101	2.0				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 337602 (ug/L), QC Sample No: BK75001 (BK73936 (10X) , BK73938 (20X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	103	105	1.9				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	101	103	2.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	105	108	2.8				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	101	102	1.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	98	100	2.0				70 - 130	30
1,1-Dichloroethene	ND	1.0	104	104	0.0				70 - 130	30
1,1-Dichloropropene	ND	1.0	104	106	1.9				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	104	109	4.7				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	103	106	2.9				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	102	107	4.8				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	99	104	4.9				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	106	106	0.0				70 - 130	30
1,2-Dibromoethane	ND	1.0	105	106	0.9				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	100	103	3.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	98	100	2.0				70 - 130	30
1,2-Dichloropropane	ND	1.0	99	101	2.0				70 - 130	30

QA/QC Data

SDG I.D.: GBK73934

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,3,5-Trimethylbenzene	ND	1.0	100	105	4.9				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	99	105	5.9				70 - 130	30
1,3-Dichloropropane	ND	1.0	103	102	1.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	100	104	3.9				70 - 130	30
2,2-Dichloropropane	ND	1.0	98	98	0.0				70 - 130	30
2-Chlorotoluene	ND	1.0	100	105	4.9				70 - 130	30
2-Hexanone	ND	5.0	95	95	0.0				70 - 130	30
2-Isopropyltoluene	ND	1.0	103	109	5.7				70 - 130	30
4-Chlorotoluene	ND	1.0	97	101	4.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	98	96	2.1				70 - 130	30
Acetone	ND	5.0	96	92	4.3				70 - 130	30
Acrylonitrile	ND	5.0	111	105	5.6				70 - 130	30
Benzene	ND	0.70	98	101	3.0				70 - 130	30
Bromobenzene	ND	1.0	100	104	3.9				70 - 130	30
Bromochloromethane	ND	1.0	104	104	0.0				70 - 130	30
Bromodichloromethane	ND	0.50	102	104	1.9				70 - 130	30
Bromoform	ND	1.0	108	109	0.9				70 - 130	30
Bromomethane	ND	1.0	108	108	0.0				70 - 130	30
Carbon Disulfide	ND	1.0	101	102	1.0				70 - 130	30
Carbon tetrachloride	ND	1.0	103	105	1.9				70 - 130	30
Chlorobenzene	ND	1.0	99	101	2.0				70 - 130	30
Chloroethane	ND	1.0	98	99	1.0				70 - 130	30
Chloroform	ND	1.0	97	98	1.0				70 - 130	30
Chloromethane	ND	1.0	97	98	1.0				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	97	99	2.0				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	97	98	1.0				70 - 130	30
Dibromochloromethane	ND	0.50	105	108	2.8				70 - 130	30
Dibromomethane	ND	1.0	101	103	2.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	105	108	2.8				70 - 130	30
Ethylbenzene	ND	1.0	102	105	2.9				70 - 130	30
Hexachlorobutadiene	ND	0.40	101	108	6.7				70 - 130	30
Isopropylbenzene	ND	1.0	100	105	4.9				70 - 130	30
m&p-Xylene	ND	1.0	102	105	2.9				70 - 130	30
Methyl ethyl ketone	ND	5.0	97	94	3.1				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	108	108	0.0				70 - 130	30
Methylene chloride	ND	1.0	94	95	1.1				70 - 130	30
Naphthalene	ND	1.0	108	111	2.7				70 - 130	30
n-Butylbenzene	ND	1.0	102	107	4.8				70 - 130	30
n-Propylbenzene	ND	1.0	98	103	5.0				70 - 130	30
o-Xylene	ND	1.0	99	103	4.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	103	109	5.7				70 - 130	30
sec-Butylbenzene	ND	1.0	103	109	5.7				70 - 130	30
Styrene	ND	1.0	101	104	2.9				70 - 130	30
tert-Butylbenzene	ND	1.0	100	105	4.9				70 - 130	30
Tetrachloroethene	ND	1.0	101	105	3.9				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	100	95	5.1				70 - 130	30
Toluene	ND	1.0	98	101	3.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	101	102	1.0				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	98	99	1.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	110	109	0.9				70 - 130	30
Trichloroethene	ND	1.0	100	103	3.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	99	100	1.0				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	107	109	1.9				70 - 130	30

QA/QC Data

SDG I.D.: GBK73934

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Vinyl chloride	ND	1.0	101	103	2.0				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	101	100	1.0				70 - 130	30
% Bromofluorobenzene	97	%	99	99	0.0				70 - 130	30
% Dibromofluoromethane	99	%	98	101	3.0				70 - 130	30
% Toluene-d8	100	%	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%.

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
March 11, 2016

Sample Criteria Exceedences Report

GBK73934 - CIDER-ENV

Criteria: None

State: NY

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

*** No Data to Display ***

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

March 11, 2016

SDG I.D.: GBK73934

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [ ] ICE [X] No [ ]
Temp 4 °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:
[X] Phone: 631-616-6002
[ ] Email:

Customer: Cider Environmental
Address: 666 Jericho Tpke Suite 12
Commack, NY

Project: 383 Huguenot St.
Report to: James Cressy
Invoice to:

Project P.O: 2015-188

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Tao Thomas Date: 03/04

Client Sample - Information - Identification

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: 8260 8270 CP-51

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8260	8270	CP-51	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
73934	GW-1	GW	03/03		X	X					1	3					
73935	GW-2				X	X					1	3					
73936	GW-3				X	X					1	3					
73937	GW-4	GW	03/04		X	X					1	3					
73938	GW-5	GW	03/04		X	X					1	3					

Relinquished by	Accepted by:	Date:	Time:
Tao Thomas		3-4-16	13:50
		3-4-16	16:19

Comments, Special Requirements or Regulations:

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
[ ] TAGM 4046 GW
[ ] TAGM 4046 SOIL
[ ] 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

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Thursday, March 10, 2016

Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Project ID: 381 HUGUENOT ST
Sample ID#s: BK73939 - BK73940

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.

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

Analysis Report

March 10, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	SZ JB	03/03/16	10:40
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				
Canister Id:	494				

Laboratory Data

SDG ID: GBK73939
Phoenix ID: BK73939

Project ID: 381 HUGUENOT ST
Client ID: SG-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/05/16	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	03/05/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/05/16	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	03/05/16	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	03/05/16	KCA	1	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	03/05/16	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	03/05/16	KCA	1	
1,2,4-Trimethylbenzene	0.218	*0.204*	1.07	*1.00*	03/05/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	03/05/16	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/05/16	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	03/05/16	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	03/05/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	03/05/16	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/05/16	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	03/05/16	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/05/16	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/05/16	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	03/05/16	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	03/05/16	KCA	1	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	03/05/16	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	03/05/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	03/05/16	KCA	1	
Acetone	4.74	*0.421*	11.3	*1.00*	03/05/16	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	03/05/16	KCA	1	
Benzene	0.559	*0.313*	1.78	*1.00*	03/05/16	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	03/05/16	KCA	1	

Project ID: 381 HUGUENOT ST
Client ID: SG-1

Phoenix I.D.: BK73939

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	ND	*1.00*	03/05/16	KCA	1	
Bromoform	ND		*0.097*	ND	*1.00*	03/05/16	KCA	1	
Bromomethane	ND		*0.258*	ND	*1.00*	03/05/16	KCA	1	
Carbon Disulfide	0.448		*0.321*	1.39	*1.00*	03/05/16	KCA	1	
Carbon Tetrachloride	0.045		*0.040*	0.28	*0.25*	03/05/16	KCA	1	
Chlorobenzene	ND		*0.217*	ND	*1.00*	03/05/16	KCA	1	
Chloroethane	ND		*0.379*	ND	*1.00*	03/05/16	KCA	1	
Chloroform	2.75		*0.205*	13.4	*1.00*	03/05/16	KCA	1	
Chloromethane	ND		*0.485*	ND	*1.00*	03/05/16	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.252*	ND	*1.00*	03/05/16	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	03/05/16	KCA	1	
Cyclohexane	ND		*0.291*	ND	*1.00*	03/05/16	KCA	1	
Dibromochloromethane	ND		*0.118*	ND	*1.00*	03/05/16	KCA	1	
Dichlorodifluoromethane	0.351		*0.202*	1.73	*1.00*	03/05/16	KCA	1	
Ethanol	1.90	S	*0.531*	3.58	*1.00*	03/05/16	KCA	1	1
Ethyl acetate	ND		*0.278*	ND	*1.00*	03/05/16	KCA	1	1
Ethylbenzene	ND		*0.230*	ND	*1.00*	03/05/16	KCA	1	
Heptane	ND		*0.244*	ND	*1.00*	03/05/16	KCA	1	
Hexachlorobutadiene	ND		*0.094*	ND	*1.00*	03/05/16	KCA	1	
Hexane	ND		*0.284*	ND	*1.00*	03/05/16	KCA	1	
Isopropylalcohol	1.36	S	*0.407*	3.34	*1.00*	03/05/16	KCA	1	
Isopropylbenzene	ND		*0.204*	ND	*1.00*	03/05/16	KCA	1	
m,p-Xylene	ND		*0.230*	ND	*1.00*	03/05/16	KCA	1	
Methyl Ethyl Ketone	0.396		*0.339*	1.17	*1.00*	03/05/16	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	ND	*1.00*	03/05/16	KCA	1	
Methylene Chloride	ND		*0.288*	ND	*1.00*	03/05/16	KCA	1	
n-Butylbenzene	0.191		*0.182*	1.05	*1.00*	03/05/16	KCA	1	1
o-Xylene	ND		*0.230*	ND	*1.00*	03/05/16	KCA	1	
Propylene	1.74		*0.581*	2.99	*1.00*	03/05/16	KCA	1	1
sec-Butylbenzene	ND		*0.182*	ND	*1.00*	03/05/16	KCA	1	1
Styrene	ND		*0.235*	ND	*1.00*	03/05/16	KCA	1	
Tetrachloroethene	0.151		*0.037*	1.02	*0.25*	03/05/16	KCA	1	
Tetrahydrofuran	ND		*0.339*	ND	*1.00*	03/05/16	KCA	1	1
Toluene	0.403		*0.266*	1.52	*1.00*	03/05/16	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	ND	*1.00*	03/05/16	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	03/05/16	KCA	1	
Trichloroethene	ND		*0.047*	ND	*0.25*	03/05/16	KCA	1	
Trichlorofluoromethane	0.256		*0.178*	1.44	*1.00*	03/05/16	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	ND	*1.00*	03/05/16	KCA	1	
Vinyl Chloride	ND		*0.098*	ND	*0.25*	03/05/16	KCA	1	
QA/QC Surrogates									
% Bromofluorobenzene	106		*%*	106	*%*	03/05/16	KCA	1	

Project ID: 381 HUGUENOT ST
Client ID: SG-1

Phoenix I.D.: BK73939

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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:

S - Laboratory solvent, contamination is possible.

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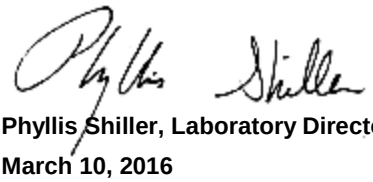

Phyllis Shiller, Laboratory Director

March 10, 2016

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

Analysis Report

March 10, 2016

FOR: Attn: Mr. James Cressy
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	SZ JB	03/03/16	14:28
Location Code:	CIDER-ENV	Received by:	SW	03/04/16	16:19
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				
Canister Id:	11288				

Laboratory Data

SDG ID: GBK73939
Phoenix ID: BK73940

Project ID: 381 HUGUENOT ST
Client ID: SG-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*2.19*	ND	*15.0*	03/08/16	KCA	15	1
1,1,1-Trichloroethane	ND	*2.75*	ND	*15.0*	03/08/16	KCA	15	
1,1,2,2-Tetrachloroethane	ND	*2.19*	ND	*15.0*	03/08/16	KCA	15	
1,1,2-Trichloroethane	ND	*2.75*	ND	*15.0*	03/08/16	KCA	15	
1,1-Dichloroethane	ND	*3.71*	ND	*15.0*	03/08/16	KCA	15	
1,1-Dichloroethene	ND	*3.79*	ND	*15.0*	03/08/16	KCA	15	
1,2,4-Trichlorobenzene	2.61	*2.02*	19.4	*15.0*	03/08/16	KCA	15	
1,2,4-Trimethylbenzene	201	*3.05*	988	*15.0*	03/08/16	KCA	15	
1,2-Dibromoethane(EDB)	ND	*1.95*	ND	*15.0*	03/08/16	KCA	15	
1,2-Dichlorobenzene	ND	*2.50*	ND	*15.0*	03/08/16	KCA	15	
1,2-Dichloroethane	ND	*3.71*	ND	*15.0*	03/08/16	KCA	15	
1,2-dichloropropane	ND	*3.25*	ND	*15.0*	03/08/16	KCA	15	
1,2-Dichlorotetrafluoroethane	ND	*2.15*	ND	*15.0*	03/08/16	KCA	15	
1,3,5-Trimethylbenzene	184	*3.05*	904	*15.0*	03/08/16	KCA	15	
1,3-Butadiene	ND	*6.78*	ND	*15.0*	03/08/16	KCA	15	
1,3-Dichlorobenzene	ND	*2.50*	ND	*15.0*	03/08/16	KCA	15	
1,4-Dichlorobenzene	ND	*2.50*	ND	*15.0*	03/08/16	KCA	15	
1,4-Dioxane	ND	*4.16*	ND	*15.0*	03/08/16	KCA	15	
2-Hexanone(MBK)	ND	*3.66*	ND	*15.0*	03/08/16	KCA	15	1
4-Ethyltoluene	39.4	*3.05*	194	*15.0*	03/08/16	KCA	15	1
4-Isopropyltoluene	27.4	*2.73*	150	*15.0*	03/08/16	KCA	15	1
4-Methyl-2-pentanone(MIBK)	ND	*3.66*	ND	*15.0*	03/08/16	KCA	15	
Acetone	ND	*6.32*	ND	*15.0*	03/08/16	KCA	15	
Acrylonitrile	ND	*6.92*	ND	*15.0*	03/08/16	KCA	15	
Benzene	7.44	*4.70*	23.8	*15.0*	03/08/16	KCA	15	
Benzyl chloride	ND	*2.90*	ND	*15.0*	03/08/16	KCA	15	

Project ID: 381 HUGUENOT ST

Client ID: SG-2

Phoenix I.D.: BK73940

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*2.24*	ND	*15.0*	03/08/16	KCA	15	
Bromoform	ND	*1.45*	ND	*15.0*	03/08/16	KCA	15	
Bromomethane	ND	*3.87*	ND	*15.0*	03/08/16	KCA	15	
Carbon Disulfide	31.6	*4.82*	98.3	*15.0*	03/08/16	KCA	15	
Carbon Tetrachloride	ND	*0.595*	ND	*3.74*	03/08/16	KCA	15	
Chlorobenzene	ND	*3.26*	ND	*15.0*	03/08/16	KCA	15	
Chloroethane	ND	*5.69*	ND	*15.0*	03/08/16	KCA	15	
Chloroform	ND	*3.07*	ND	*15.0*	03/08/16	KCA	15	
Chloromethane	ND	*7.27*	ND	*15.0*	03/08/16	KCA	15	
Cis-1,2-Dichloroethene	4.64	*3.79*	18.4	*15.0*	03/08/16	KCA	15	
cis-1,3-Dichloropropene	ND	*3.31*	ND	*15.0*	03/08/16	KCA	15	
Cyclohexane	149	*4.36*	513	*15.0*	03/08/16	KCA	15	
Dibromochloromethane	ND	*1.76*	ND	*15.0*	03/08/16	KCA	15	
Dichlorodifluoromethane	ND	*3.04*	ND	*15.0*	03/08/16	KCA	15	
Ethanol	ND	*7.97*	ND	*15.0*	03/08/16	KCA	15	1
Ethyl acetate	ND	*4.17*	ND	*15.0*	03/08/16	KCA	15	1
Ethylbenzene	30.7	*3.46*	133	*15.0*	03/08/16	KCA	15	
Heptane	362	*3.66*	1480	*15.0*	03/08/16	KCA	15	
Hexachlorobutadiene	ND	*1.41*	ND	*15.0*	03/08/16	KCA	15	
Hexane	141	*4.26*	497	*15.0*	03/08/16	KCA	15	
Isopropylalcohol	ND	*6.11*	ND	*15.0*	03/08/16	KCA	15	
Isopropylbenzene	45.4	*3.05*	223	*15.0*	03/08/16	KCA	15	
m,p-Xylene	91.4	*3.46*	397	*15.0*	03/08/16	KCA	15	
Methyl Ethyl Ketone	ND	*5.09*	ND	*15.0*	03/08/16	KCA	15	
Methyl tert-butyl ether(MTBE)	ND	*4.16*	ND	*15.0*	03/08/16	KCA	15	
Methylene Chloride	ND	*4.32*	ND	*15.0*	03/08/16	KCA	15	
n-Butylbenzene	ND	*2.73*	ND	*15.0*	03/08/16	KCA	15	1
o-Xylene	41.6	*3.46*	181	*15.0*	03/08/16	KCA	15	
Propylene	147	*8.72*	253	*15.0*	03/08/16	KCA	15	1
sec-Butylbenzene	ND	*2.73*	ND	*15.0*	03/08/16	KCA	15	1
Styrene	ND	*3.52*	ND	*15.0*	03/08/16	KCA	15	
Tetrachloroethene	0.645	*0.553*	4.37	*3.75*	03/08/16	KCA	15	
Tetrahydrofuran	ND	*5.09*	ND	*15.0*	03/08/16	KCA	15	1
Toluene	9.48	*3.98*	35.7	*15.0*	03/08/16	KCA	15	
Trans-1,2-Dichloroethene	ND	*3.79*	ND	*15.0*	03/08/16	KCA	15	
trans-1,3-Dichloropropene	ND	*3.31*	ND	*15.0*	03/08/16	KCA	15	
Trichloroethene	2.66	*0.698*	14.3	*3.75*	03/08/16	KCA	15	
Trichlorofluoromethane	ND	*2.67*	ND	*15.0*	03/08/16	KCA	15	
Trichlorotrifluoroethane	ND	*1.96*	ND	*15.0*	03/08/16	KCA	15	
Vinyl Chloride	29.2	*1.47*	74.6	*3.76*	03/08/16	KCA	15	
QA/QC Surrogates								
% Bromofluorobenzene	*154	*%*	*154	*%*	03/08/16	KCA	15	

Project ID: 381 HUGUENOT ST
Client ID: SG-2

Phoenix I.D.: BK73940

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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:

An elevated reporting level was reported for TO15 due to a matrix interference of non target compounds., Air Analysis:
*Surrogate criteria exceeded method criteria due to a matrix interference.

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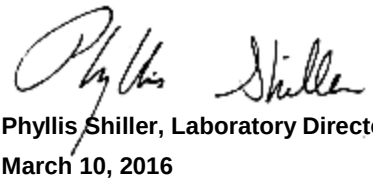

Phyllis Shiller, Laboratory Director
March 10, 2016
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

March 10, 2016

QA/QC Data

SDG I.D.: GBK73939

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 337164 (ppbv), QC Sample No: BK73032 (BK73939)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	119	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	0.183	ND	1.00	104	46.4	45.9	8.51	8.42	1.1	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	0.183	ND	1.00	95	1.01	1.03	0.185	0.188	1.6	70 - 130	20
1,1-Dichloroethane	ND	0.247	ND	1.00	98	3.22	3.14	0.796	0.776	2.5	70 - 130	20
1,1-Dichloroethene	ND	0.252	ND	1.00	99	3.11	3.09	0.785	0.781	0.5	70 - 130	20
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	156	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	0.166	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	0.247	ND	1.00	98	0.10	0.10	0.025	0.025	0.0	70 - 130	20
1,2-dichloropropane	ND	0.216	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	0.452	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	0.166	ND	1.00	111	0.70	0.67	0.116	0.111	4.4	70 - 130	20
1,4-Dichlorobenzene	ND	0.166	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	0.278	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	0.244	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	0.204	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	0.182	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	0.421	ND	1.00	92	52.0	51.0	21.9	21.5	1.8	70 - 130	20
Acrylonitrile	ND	0.461	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	0.313	ND	1.00	98	1.54	1.55	0.483	0.486	0.6	70 - 130	20
Benzyl chloride	ND	0.193	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	0.149	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	0.097	ND	1.00	120	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	0.257	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	0.321	ND	1.00	106	5.73	5.51	1.84	1.77	3.9	70 - 130	20
Carbon Tetrachloride	ND	0.040	ND	0.25	107	ND	ND	ND	ND	NC	70 - 130	20
Chlorobenzene	ND	0.217	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	0.379	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	0.205	ND	1.00	100	6.54	6.34	1.34	1.30	3.0	70 - 130	20
Chloromethane	ND	0.484	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	98	674	662	170	167	1.8	70 - 130	20
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	0.291	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	0.117	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	0.202	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
Ethanol	ND	0.531	ND	1.00	101	26.0	25.4	13.8	13.5	2.2	70 - 130	20

QA/QC Data

SDG I.D.: GBK73939

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	0.278	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	0.230	ND	1.00	105	24.3	23.7	5.59	5.46	2.4	70 - 130	20
Heptane	ND	0.244	ND	1.00	76	ND	ND	ND	ND	NC	70 - 130	20
Hexachlorobutadiene	ND	0.094	ND	1.00	140	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	0.284	ND	1.00	99	2.09 S	1.98 S	0.594 S	0.563 S	5.4	70 - 130	20
Isopropylalcohol	ND	0.407	ND	1.00	94	9.8 S	9.8 S	4.00 S	3.97 S	0.8	70 - 130	20
Isopropylbenzene	ND	0.204	ND	1.00	115	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	0.230	ND	1.00	106	111	107	25.5	24.7	3.2	70 - 130	20
Methyl Ethyl Ketone	ND	0.339	ND	1.00	96	64.8	64.0	22.0	21.7	1.4	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	0.288	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	20
n-Butylbenzene	ND	0.182	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	0.230	ND	1.00	104	28.4	27.3	6.54	6.29	3.9	70 - 130	20
Propylene	ND	0.581	ND	1.00	104	ND	166	ND	96.4	NC	70 - 130	20
sec-Butylbenzene	ND	0.182	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	0.235	ND	1.00	107	9.02	8.77	2.12	2.06	2.9	70 - 130	20
Tetrachloroethene	ND	0.037	ND	0.25	102	332	318	49.0	46.9	4.4	70 - 130	20
Tetrahydrofuran	ND	0.339	ND	1.00	93	480	472	163	160	1.9	70 - 130	20
Toluene	ND	0.266	ND	1.00	97	4.82	4.63	1.28	1.23	4.0	70 - 130	20
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	100	3.00	2.96	0.758	0.746	1.6	70 - 130	20
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	0.047	ND	0.25	95	3780	3690	704	687	2.4	70 - 130	20
Trichlorofluoromethane	ND	0.178	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
Trichlorotrifluoroethane	ND	0.131	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	0.098	ND	0.25	106	4.14	4.16	1.62	1.63	0.6	70 - 130	20
% Bromofluorobenzene	96	%	96	%	103	105	108	105	108	2.8	70 - 130	20
QA/QC Batch 337421 (ppbv), QC Sample No: BK73950 (BK73940 (15X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	0.183	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	0.183	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	0.247	ND	1.00	74	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	0.252	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	0.166	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	0.247	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	0.216	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	0.452	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	0.166	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	0.166	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	0.278	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	0.244	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	0.204	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	0.182	ND	1.00	90	1.78	1.49	0.325	0.271	18.1	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	0.421	ND	1.00	92	12.9	13.4	5.42	5.64	4.0	70 - 130	20
Acrylonitrile	ND	0.461	ND	1.00	84	ND	ND	ND	ND	NC	70 - 130	20

QA/QC Data

SDG I.D.: GBK73939

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Benzene	ND	0.313	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
Benzyl chloride	ND	0.193	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	0.149	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	0.097	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	0.257	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	0.321	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	0.040	ND	0.25	100	0.61	0.60	0.097	0.095	2.1	70 - 130	20
Chlorobenzene	ND	0.217	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	0.379	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	0.205	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	0.484	ND	1.00	87	1.30	1.25	0.632	0.604	4.5	70 - 130	20
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	105	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	0.291	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	0.117	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	0.202	ND	1.00	101	2.68	2.72	0.542	0.551	1.6	70 - 130	20
Ethanol	ND	0.531	ND	1.00	82	215	222	114	118	3.4	70 - 130	20
Ethyl acetate	ND	0.278	ND	1.00	102	1.25	1.19	0.347	0.331	4.7	70 - 130	20
Ethylbenzene	ND	0.230	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	20
Heptane	ND	0.244	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	20
Hexachlorobutadiene	ND	0.094	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	0.284	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Isopropylalcohol	ND	0.407	ND	1.00	82	156	156	63.3	63.7	0.6	70 - 130	20
Isopropylbenzene	ND	0.204	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	0.230	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
Methyl Ethyl Ketone	ND	0.339	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	80	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	0.288	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	20
n-Butylbenzene	ND	0.182	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	0.230	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
Propylene	ND	0.581	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	20
sec-Butylbenzene	ND	0.182	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	0.235	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	0.037	ND	0.25	100	1.80	2.09	0.266	0.309	15.0	70 - 130	20
Tetrahydrofuran	ND	0.339	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	0.266	ND	1.00	112	1.43	1.39	0.379	0.370	2.4	70 - 130	20
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	78	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	0.047	ND	0.25	101	ND	ND	ND	ND	NC	70 - 130	20
Trichlorofluoromethane	ND	0.178	ND	1.00	94	1.37	1.35	0.244	0.241	1.2	70 - 130	20
Trichlorotrifluoroethane	ND	0.131	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	0.098	ND	0.25	97	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	99	%	99	%	97	104	100	104	100	3.9	70 - 130	20

I = This parameter is outside laboratory LCS/LCSD 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
March 10, 2016

Sample Criteria Exceedences Report

GBK73939 - CIDER-ENV

Criteria: None

State: NY

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

*** No Data to Display ***

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

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P.O. # 2015-188 Page of

Data Delivery:
☐ Fax #:
☐ Email:
☒ Phone #: 631-616-4600

Report to: Shuan
Customer: Cider Env.
Address: 6268 Jericho Tpke

Invoice to: Jane Cressy

Sampled by: SZ JB

Project Name: 381 Huguenot st

Requested Deliverable:
RCP ☐ ASP CAT B ☐
MCP ☐ NJ Deliverables ☐

State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
73939	SG-1	494	6.0	-30		4987	41.7	8:45	10:40	03/03	35	7					X
		~~19630~~	~~6.0~~	~~-30~~		~~4980~~ ✓											
73940	SG-2	11288				5357		12:37	14:28	03/03	35	10					X
	6L 2hrs																

Relinquished by:	Accepted by:	Date:	Time:
		3-4-16	1350
		3/4/16	16:19

Data Format:
Excel ☐ Equis ☐ GISKey ☐
PDF ☐ Other: ☐

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

Requested Criteria

Quote Number:

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Date:

CE PO: 2015-188

Supplemental Subsurface Investigation

February 27, 2017

Subject Property:

381-393 Huguenot Street
New Rochelle, New York
Tax Parcel: Section 2; Block 439; Lot 5, 7, 16 and 17

Prepared for:

Chechile Realty and 381-383 Huguenot LLC
381-393 Huguenot Street
New Rochelle, NY 10801

Report User:

Chechile Realty and 381-383 Huguenot LLC
381-393 Huguenot Street
New Rochelle, NY 10801

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Commack, NY 11725
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F: (631)980-7972
www.ciderenvironmental.com

CERTIFICATION

Client: Chechile Realty and 381-383 Huguenot LLC Realty

Project: Supplemental Subsurface Investigation

Location: 381-393 Huguenot Street, New Rochelle, New York

Cider Key Personnel

Title	Name	Telephone
Project Manager	James Cressy	(631) 365-6118
Sr. Consultant	Wenqing Fang	(631) 790-3338

I certify that this subsurface investigation was performed under my direction and supervision, that I have reviewed and approved the report, and that the methods and procedures employed in the development of the report conform to industry standards, specifically ASTM E1903-11 standard for Phase II Environmental Site Assessment.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR part 312.

I am responsible for the content of this report, have reviewed its contents and certify that it is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

James Cressy

Qualified Environmental Professional

Wenqing Fang, P.E.

Qualified Environmental Professional

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LIST OF ACRONYMS

Acronym	Definition
AMSL	Above Mean Sea Level
AOC	Area of Concern
BGS	Below ground surface
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPR	Ground Penetrating Radar
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NCDOH	Nassau County Department of Health
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
NYS DEC	New York State Department of Environmental Conservation
OSHA	Occupational Safety and Health Administration
PID	Photo Ionization Detector
QA/QC	Quality Assurance and Quality Control
QEP	Qualified Environmental Professional
REC	Recognized Environmental Condition
SCO	Soil Cleanup Objective
SOW	Scope of Work
USEPA	United State Environmental Protection Agency
USGS	United State Geological Survey

1 EXECUTIVE SUMMARY

Cider Environmental (CE), on behalf of Chechile Realty and 381-383 Huguenot LLC Realty (the "Client"), has completed this Supplemental Subsurface Investigation (SSI) for the property located at 381-393 Huguenot Street, New Rochelle, New York (herein referred to as the "Subject Property").

The SSI was designed to further define and delineate the environmental conditions at the Subject Property, following the Phase II ESA dated 3/17/2016 prepared by CE, in support of the application for the Brownfield Cleanup Program (BCP) with the NYSDEC.

The scope of work (SOW) for this SSI was developed based on discussion with the NYSDEC representative and the previous Phase I/II ESA. A site-specific Health and Safety Plan (HASP) was designed and implemented. No health and/or safety issues were identified during the project.

From February 14 to 15, 2017, Cider Environmental performed a supplemental subsurface investigation on the Subject Property. A total of twenty (20) soil borings were installed, using professional judgement, in search of potential urban fill material throughout the Subject Property.

The SSI detected a 2-feet layer of urban fill material throughout the site. The subsurface soil consists of dark to brown medium to coarse sand from grade to 10 feet below. Weathered bedrock was encountered approximately 5-6 feet below grade. Groundwater was encountered at approximately 6 to 8 feet below grade. Based on the groundwater elevation survey, the groundwater flow direction on the site is to the northwest.

Lead was detected at levels above the RRSCO in 5 out of the 12 selected soil samples. The highest concentration was detected at 4,330 mg/Kg (SB-21 [0'-2']) compared to RRSCO of 400 mg/Kg.

Mercury was detected at level above the RRSCO in 1 out of the 12 selected soil samples. SB-21 [0'-2'] has mercury at 1.26 mg/Kg compared to RRSCO of 0.81 mg/Kg.

PCB (Aroclor 1254) was detected at level above the RRSCO in 1 out of the 12 selected soil samples. SB-2B [5'-7'] has PCB at 3,000 ug/Kg compare to RRSCO of 1,000 ug/Kg.

SVOCs were detected at levels above the RRSCO in 2 out of the 12 selected soil samples. The highest concentration of SVOCs were detected in SB-12[0'-2']. Specifically, benzo-a-anthracene was detected at 5,800 ug/Kg compared to RRSCO of 1,000 ug/Kg; benzo-a-pyrene was detected at 5,800 ug/Kg compared to RRSCO of 1,000 ug/Kg; benzo-b-fluoranthene was detected at 5,600 ug/Kg compared to

RRSCO of 1,000 ug/Kg; benzo-k-fluoranthene was detected at 5,400 ug/Kg compared to RRSCO of 3,900 ug/Kg; chrysene was detected at 5,800 ug/Kg compared to RRSCO of 3,900 ug/Kg; dibenzo-a,h-anthracene was detected at 720 ug/Kg compared to RRSCO of 330 ug/Kg; and indeno(1,2,3-cd)pyrene was detected at 3,500 ug/Kg compared to RRSCO of 500 ug/Kg.

The laboratory analysis performed on groundwater sample GW-6 detected several target VOCs and SVOCs at levels above the AWQS. The laboratory analysis performed on groundwater samples GW-7 and GW-8 did not detect any target VOCs or SVCOs at levels above the AWQS.

Based on the survey and analytical results under the scope of this SSI, it is concluded that:

- A 2-feet layer of urban fill material exists throughout the site. Lead (maximum 4,330 mg/Kg) was detected at levels exceeding the RRSCO (400 mg/Kg) within the urban fill layer at multiple locations. This urban fill layer will require excavation and off-site disposal as part of the proposed site redevelopment project.
- Mercury was detected at level (1.26 mg/Kg) exceeding the RRSCO (0.81 mg/Kg) at one (1) location (SB-21 [0'-2']). PCB was detected at level (3,000 ug/Kg) exceeding the RRSCO (1,000 ug/Kg) at one (1) location (SB-2B [5'-7']). The sources of contamination are unclear. Presumably from urban fill material.
- A groundwater elevation survey demonstrated that the groundwater flow direction is toward northwest. The additional groundwater sampling performed during this SSI has sufficiently delineated the extent of the groundwater contamination. It is concluded that the existing groundwater contamination is from the fuel oil UST application on the Subject Property; and that the extent of the existing groundwater contamination is limited within the Site boundary.

Based on the results of this SSI, CE has the following recommendations:

- It is recommended that the results of the SSI be included into the Brownfield Cleanup Program (BCP) application.

2 INTRODUCTION

Cider Environmental (CE), on behalf of Chechile Realty and 381-383 Huguenot LLC Realty (the "Client"), has completed this Supplemental Subsurface Investigation (SSI) for the property located at 381-393 Huguenot Street, New Rochelle, New York (herein referred to as the "Subject Property").

2.1 Purpose

The SSI was designed to further define and delineate the environmental conditions at the Subject Property, following the Phase II ESA dated 3/17/2016 prepared by CE, in support of the application for the Brownfield Cleanup Program (BCP) with the NYSDEC.

2.2 Applicable Guidance

Unless otherwise noted, the SSI was prepared in accordance with ASTM E 1903-11, Standard Guide for Environmental Site Assessments: Phase II ESA Process. The following documents, issued by state and local regulatory agencies, were also referenced:

- NYSDEC, Division of Environmental Remediation, DER-10 Technical Guidance for Site Investigation and Remediation, dated May 3, 2010
- NYSDEC CP-51 Soil Cleanup Guidance
- 6 NYCRR Part 375 Subpart 375-6, Remedial Program Soil Cleanup Objectives
- NYSDEC, Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Limitations

3 SITE BACKGROUND

The Subject Property is located at 381-393 Huguenot Street, New Rochelle, New York. **Figure 1** shows the Subject Property location on the United States Geological Survey (USGS) topographic quadrangle map. **Figure 2** shows the Subject Property on aerial photo dated 2012. The approximate ground surface elevation is 88 feet above mean sea level (AMSL). The general topographic gradient is towards southwest.

The property consists of four (4) separate irregular shaped lots, including Lot 5 (no address), 7 (393 Huguenot), 16 (383 Huguenot) and 17 (381 Huguenot). Said lots will collectively be referenced as the Subject Property, unless noted otherwise. The Subject Property consists of these irregular shaped parcels totaling approximately 0.39 acres. The property currently maintains two structures. Lot 7 currently maintains an irregular shaped one-story building (with partial basement), with an approximate footprint of 3,400-square feet. Said structure occupies approximately the entire extent of the lot, expect for a portions to the south and to the east of the building. The structure is serviced by a natural gas fired HVAC system maintained within the partial basement. This building is currently utilized for office and storage space associated with a U-Haul business, a real-estate firm, and a janitorial supply business. The vehicles associated with the U-Haul business are currently parked on Lot 5. Lots 16 and 17 currently maintain an irregular shaped two-story building (with a full basement), with an approximate footprint of 2,250-square feet. The building occupies the eastern half of the lot, with the western half utilized for storage and automobile parking. Said structure is serviced by two fuel oil fired boilers (one for each lot/address), with two 275-gallon fuel oil ASTs maintained in the basement of the building. The basement and first floor of the building maintained on Lot 17 are vacant/unoccupied, with the second floor occupied by residential tenants. The first floor of the building maintained on Lot 16 is vacant/unoccupied, with the basement occupied by a hydraulic repair business and the second floor occupied by residential tenants. The Subject Property is bound to the north by a vacant store (first floor) with residential above; to the south by a three-story residential apartment building and a one-story residential building; to the east by Huguenot Street and beyond by a Gulf labeled gasoline filling station; and to the west by an office building/warehouse.

4 PREVIOUS INVESTIGATION

In March 2016, CE performed a Phase II ESA at the Subject Property. The Subject Property (381 Huguenot Street, under the name of Rush Manufacturing) has an open NYSDEC Spill case (9604099). This spill was reported on June 6, 1996 due to soil and groundwater contamination encountered during a site investigation. The Phase II ESA collected subsurface soil/groundwater/soil gas samples to evaluate the potential environmental impacts of the active NYSDEC Spill case. The soil samples show several target VOC/SVOCs at levels above the Unrestricted Use Soil Cleanup Objectives. Elevated PID readings (>1,000 ppm) and strong petroleum odors were noted during soil sampling. The soil gas samples detected several gasoline related compounds. The groundwater samples showed evidence of impact from historic fuel oil and gasoline operations.

The northeastern portion of the Subject Property (383 Huguenot Street) has been utilized for cleaning services from 1931 to 1951. The 1931 Sanborn Map depicted a “dry cleaning” service on this portion of the Subject Property. During the Phase II ESA, subsurface soil/groundwater/soil gas samples were collected from this area. The soil/groundwater/soil gas samples did not show elevated PCE or its breakdown compounds at levels exceeding the applicable guidance values.

The northeastern portion of the Subject Property (381 & 383 Huguenot Street) had maintained fuel oil USTs. A remote sensing survey was performed at this area in search of any abandoned USTs. No abandoned USTs were identified. The soil samples from this area (SB-3 [7’-9’] and SB-4 [7’-9’]) did not detect any fuel oil related target analytes at levels above the RRSCO. Elevated PID readings (maximum 346 ppm) and strong petroleum odors were noted during soil sampling. The groundwater sample from this area (GW-2) detected elevated levels of petroleum product related SVOCs (>13 ppm in total SVOCs) exceeding the AWQS. It appears that the former fuel oil UST operations have impacted the groundwater quality and levels warrant remediation.

The southwestern portion of the Subject Property (393 Huguenot Street) has historically maintained a gasoline filling station from 1931 to 1951. A remote sensing survey was performed at this area in search of any abandoned USTs. No abandoned USTs were identified. The soil samples from this area (SB-9 [10’-12’] and SB-10 [8’-10’]) did not detect any gasoline related target analytes at levels above the applicable guidance values. Elevated PID readings (>1000 ppm) and strong petroleum odors were noted during soil sampling. The groundwater sample from this area (GW-5) detected elevated levels of gasoline related VOCs (>0.500 ppm in total VOCs) exceeding the AWQS.

5 SCOPE OF WORK

The scope of work (SOW) for this SSI was developed based on discussion with the NYSDEC representative and the previous Phase I/II ESA.

- Install a total of 12 soil borings on the Site. The soil borings SB-2B, SB-3B, SB-9B, SB-11, SB-13, SB-14, SB-15 and SB-16 will be installed using a Geoprobe 6600 Unit to 15 feet below grade or until groundwater is encountered, whichever happens first. The soil borings SB-12, SB-17, SB-18 and SB-19 will be installed inside the existing buildings via a core drill. Soil samples will be collected from 0 to 2 feet below building slabs.
- The soil samples showing indication of fill material (ash, coal, paitn flakes, etc) will be selected for laboratory analysis. The soil samples with elevated PID readings and visual/olfactory indication of petroleum impact will be selected for laboratory analysis.
- Up to twelve (12) selected soil samples will be analyzed via USEPA Test Method 8270/ 6010 / 8082 for SVOCs, TAL Metals and PBCs.
- Install four (4) temporary groundwater wells (GW-5B, GW-6, GW-7 and GW-8). The wells will be constructed using direct push techniques with 1-inch PVC screens (with sand packs). The installed wells (and the existing well GW-4) will be gauged and surveyed to determine site-specific groundwater flow direction.
- Collect up to three (3) groundwater samples. The selected groundwater samples will be analyzed via USEPA Test Method 8260 CP-51 / 8270 CP-51 for VOCs and SVOCs.
- Prepare a Subsurface Investigation Report.

During the field implementation, a total of twenty (20) soil borings were installed, using professional judgement, in search of potential urban fill material throughout the Subject Property.

6 SITE-SPECIFIC HEALTH AND SAFETY PLAN

Cider Environmental implemented a site-specific Health and Safety Plan (HASP) for Cider Environmental and subcontractor personnel that participated in the field work performed at the Subject Property.

Personal health and safety precautions were followed in accordance with applicable federal and state law or local equivalents and any requirements imposed by the owner, occupant, or field personnel. In addition to the site-specific HASP, the following activities were performed to further ensure a smooth project without any health and safety incidents:

- Prior to the field work, Cider Environmental called for public utilities markout.
- Cider Environmental hired a third-party line-locating service utilizing ground penetrating radar (GPR) technology to survey the selected areas.
- Daily tailgate safety meeting was held with Cider Environmental and subcontractor personnel.
- All sampling locations were pre-cleared by hand probe and/or air knifing to at least 5 ft BGS.

There were no health and/or safety issues identified during the fieldwork of this SSI.

7 FIELD INVESTIGATION ACTIVITIES

From February 14 to 15, 2017, Cider Environmental performed a supplemental subsurface investigation on the Subject Property in accordance with the approved SOW as detailed in **Section 5** of this report. Standard field operation procedures can be referenced with **Section 12** of this report. Quality assurance and quality control (QA/QC) procedures can be referenced with **Section 13** of this report.

7.1 Subsurface Soil Sampling

From February 14 to 15, 2017, Cider Environmental supervised the installation of twenty (20) soil borings on selected areas of the Subject Property. The soil borings outside the buildings were installed utilizing direct-push techniques via a Geoprobe 6600 unit. All borings were hand cleared and/or air knifed to 5 feet below grade prior to mechanical drilling. The soil borings within the buildings were installed utilizing a core drill. The locations of the soil borings can be referenced with **Figure 3**.

Headspace analysis was performed on all the soil samples acquired in order to provide precursory data regarding hydrocarbon contamination. Results of the analysis were used to adjust the sampling and analysis program to yield the most accurate and representative results. The results of the field analysis are presented as part of the soil log in **Appendix A**.

All soil samples collected from the Site were subjected to visual inspection to identify any signs of chemical contamination and to classify the sample media. Color classifications were made in accordance with the Munsell Classification System. Gradation classifications were made in accordance with the Unified Soil Classification System. The detailed soil logs are presented in **Appendix A**.

7.2 Groundwater Sampling

From February 14 to 15, 2017, Cider Environmental supervised the installation of four (4) temporary groundwater wells on the Subject Property. Groundwater was encountered at approximately 9 feet below ground surface (BGS). The temporary wells were installed to a depth of approximately 15 feet BGS, approximately 5 feet into groundwater. The locations of the temporary well points can be referenced with **Figure 3**. The temporary groundwater wells were installed via a Geoprobe system. The construction details of the temporary groundwater wells can be referenced with **Appendix A**.

A minimum of three (3) well volumes were purged from each monitoring well prior to the collection of groundwater samples. Field measurements were secured from each monitoring well during the development process to provide data regarding physical groundwater characteristics. The development water was field analyzed for pH, specific conductivity and temperature. Results of the field measurements

were utilized to establish steady state conditions within the groundwater aquifer. Purging and sample collection was accomplished using a submersible pump with disposable polyethylene tubing and/or a polyethylene disposable bailer. Aqueous samples were placed in laboratory-provided glassware, packed on ice in shipping containers, and submitted under proper chain-of-custody to the analytical laboratory. Equipment used for groundwater sampling consisted of new, disposable materials, or was properly decontaminated between sample locations. Sampling personnel changed nitrile sampling gloves between each sample location to minimize the potential for sample cross-contamination.

7.3 Groundwater Elevation Survey

On February 15, 2017, a groundwater elevation survey was performed on the Site to determine groundwater flow direction. The elevation of groundwater was gauged at each monitoring well and recorded. The elevations were used to graphically define the planimetric surface of the water table. The elevations of the top of the casings were represented with respect to each other and based on a benchmark elevation or approximate elevation above mean sea level. The groundwater elevations were based as a function of the depth to water and these elevations.

Based on the groundwater elevation survey, the groundwater flow direction on the site is to the northwest. This is consistent with the regional groundwater flow direction. A detailed groundwater potentiometric map is referenced in **Figure 4**. Water level data is included in **Table 2**.

8 SAMPLE SELECTION AND FREQUENCY

All soil samples collected were subjected to headspace analysis. The soil samples showing indication of fill material (ash, coal, paint flakes, etc.) were selected for laboratory analysis. The soil samples with elevated PID readings and visual/olfactory indication of petroleum impact were selected for laboratory analysis.

Table 1 presents a summary list of the samples submitted for laboratory analysis, and a list of the test method applied to each sample.

The soil/groundwater samples selected for laboratory analysis were containerized in the appropriate vessels, preserved at 4°C in a cooler and transported under proper chain-of-custody procedures to a NYS-DOH certified commercial laboratory for analysis.

The sample documentation procedures are detailed in **Section 12**.

9 RESULTS AND EVALUATION

9.1 Site Geology and Hydrology

According to the United State Department of Agriculture (USDA) Natural Resources Conservation Service, the soil at the Subject Property is classified as *Uh-Urban.* The SSI detected a 2-feet layer of urban fill material throughout the site. The subsurface soil consists of dark to brown medium to coarse sand from grade to 10 feet below. Weathered bedrock was encountered approximately 5-6 feet below grade.

Groundwater was encountered at approximately 6 to 8 feet below grade. Based on the groundwater elevation survey, the groundwater flow direction on the site is to the northwest.

9.2 Evaluation of Analytical Results

The laboratory quality assurance / quality control (QA/QC) data summary for each laboratory data set was reviewed. The samples were analyzed within the proper holding time, the samples were properly preserved and the samples arrived at the laboratory in good condition at the proper temperature.

A review of the QA/QC analytical data included in the laboratory reports did not reveal any major QA/QC issues. For groundwater sample GW-6, 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.

A summary of the laboratory analytical results versus the applicable guidance values can be referenced with **Table 3** through **Table 4.** The original laboratory analysis report is presented in **Appendix B**. The summary of exceedances are presented in **Figure 5** and **Figure 6**.

Applicable Guidance:

- The laboratory analysis results of the soil samples were compared against the 6 NYCRR Part 375 Unrestricted Uses Soil Cleanup Objectives (UUSCO) and 6 NYCRR Part 375 Restricted Residential SCO (RRSCO).
- The laboratory analysis results of the groundwater samples were compared against NYSDEC, Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Limitations (AWQS).

Lead was detected at levels above the RRSCO in 5 out of the 12 selected soil samples. The highest concentration was detected at 4,330 mg/Kg (SB-21 [0'-2']) compared to RRSCO of 400 mg/Kg.

Mercury was detected at level above the RRSCO in 1 out of the 12 selected soil samples. SB-21 [0'-2'] has mercury at 1.26 mg/Kg compared to RRSCO of 0.81 mg/Kg.

PCB (Aroclor 1254) was detected at level above the RRSCO in 1 out of the 12 selected soil samples. SB-2B [5'-7'] has PCB at 3,000 ug/Kg compare to RRSCO of 1,000 ug/Kg.

SVOCs were detected at levels above the RRSCO in 2 out of the 12 selected soil samples. The highest concentration of SVOCs were detected in SB-12[0'-2']. Specifically, benzo-a-anthracene was detected at 5,800 ug/Kg compared to RRSCO of 1,000 ug/Kg; benzo-a-pyrene was detected at 5,800 ug/Kg compared to RRSCO of 1,000 ug/Kg; benzo-b-fluoranthene was detected at 5,600 ug/Kg compared to RRSCO of 1,000 ug/Kg; benzo-k-fluoranthene was detected at 5,400 ug/Kg compared to RRSCO of 3,900 ug/Kg; chrysene was detected at 5,800 ug/Kg compared to RRSCO of 3,900 ug/Kg; dibenzo-a,h-anthracene was detected at 720 ug/Kg compared to RRSCO of 330 ug/Kg; and indeno(1,2,3-cd)pyrene was detected at 3,500 ug/Kg compared to RRSCO of 500 ug/Kg.

Refer to **Table 3** and **Figure 5** for details.

The laboratory analysis performed on groundwater sample GW-6 detected several target VOCs and SVOCs at levels above the AWQS. The laboratory analysis performed on groundwater samples GW-7 and GW-8 did not detect any target VOCs or SVCOs at levels above the AWQS.

Refer to **Table 4** and **Figure 6** for details.

10 DISCUSSION ON FINDINGS AND RECOMMENDATIONS

Cider Environmental has performed a Supplemental Subsurface Investigation on the Subject Property in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry. The investigation consisted of subsurface survey and sampling to further define the environmental quality of the Subject Property with respect to the recognized environmental condition outlined in **Section 4** of this document.

10.1 Findings

Based on the survey and analytical results under the scope of this SSI, it is concluded that:

- A 2-foot layer of urban fill material exists throughout the site. Lead (maximum 4,330 mg/Kg) was detected at levels exceeding the RRSCO (400 mg/Kg) within the urban fill layer at multiple locations. This urban fill layer will require excavation and off-site disposal as part of the proposed site redevelopment project.
- Mercury was detected at level (1.26 mg/Kg) exceeding the RRSCO (0.81 mg/Kg) at one (1) location (SB-21 [0'-2']). PCB was detected at level (3,000 ug/Kg) exceeding the RRSCO (1,000 ug/Kg) at one (1) location (SB-2B [5'-7']). The sources of contamination are unclear. Presumably from urban fill material.
- A groundwater elevation survey demonstrated that the groundwater flow direction is toward northwest. The additional groundwater sampling performed during this SSI has sufficiently delineated the extent of the groundwater contamination. It is concluded that the existing groundwater contamination is from the fuel oil UST application on the Subject Property; and that the extent of the existing groundwater contamination is limited within the Site boundary.

10.2 Recommendations

Based on the results of this SSI, CE has the following recommendations:

- It is recommended that the results of the SSI be included into the Brownfield Cleanup Program (BCP) application.

11 STATEMENT OF LIMITATION

The services described in this document were performed in a manner consistent with the agreement with the client and in accordance with generally accepted professional consulting principles and practices. Opinions and recommendations contained in this document apply to conditions existing at certain locations when services were performed and are intended only for the specific purposes, locations, time frames, and project parameters indicated. Cider Environmental cannot be responsible for the impact of any changes in environmental standards, practices, or regulations after performance of services.

It should be recognized that certain limitations are inherent in the evaluation of subsurface conditions, and that certain conditions may not be detected during an investigation of this type. Due to the dynamic use of some clarifiers and uncertainties associated with subsurface conditions, the findings in the document are valid for one year from the date of this report. The samples collected and used for analysis are considered representative of the locations sampled. However, since soil and groundwater conditions may vary significantly between borings, the work presented in this document does not constitute a comprehensive site assessment.

The analysis and conclusions contained in this report are based on the site conditions, as they existed at the time when samples were obtained at the location and depth obtained. The samples do not represent the entire site. Changes in the information or the data obtained or in the proposed land use could result in changes in the conclusions.

Any use or modification of this document by a third party is expressly prohibited without a written, specific authorization from the client and author(s). Such authorization will require a signed waiver and release agreement.

This document is issued with the understanding that the client, the property owner, or its representative is responsible for ensuring that the information, conclusions and recommendations contained herein are brought to the attention of the appropriate regulatory agencies, as required by law.

12 STANDARD FIELD OPERATION PROCEDURES

12.1 GPR Procedures

A GPR system typically consists of a control unit, radar antenna, and display unit. The control unit generates a radar pulse and sends it through a cable to the antenna. The antenna transmits the pulse into the surface. When this energy encounters an interface between two materials of differing dielectric properties, such as reinforcing steel, air, moisture, or the base-course material, a portion of the energy is reflected back to the radar antenna. The received pulse is sent back to the control unit for processing/storage. The display unit (video or chart recorder) presents the data. The reflected energy is received by the transducer, amplified, and recorded. The electromagnetic pulse is repeated at a rapid rate and the resultant stream of radar data produces a continuous record of the subsurface. The radar system creates a linear profile of the materials beneath the antenna pass.

A qualified Cider Environmental technician specified a coordinate system on the planimetric surface of the site to map any subsurface dielectric anomalies detected on the premises. The operator used knowledge of the subsurface soil composition to calibrate the SIR-2 system to site-specific conditions. Factor settings such as range, gain, number of gain points, and scans per unit, were modified to yield the most accurate data to describe the subsurface conditions.

Upon finding a dielectric anomaly, a more spatially specific coordinate system was designed over the area to determine its size, shape and orientation. The data collected during the survey was reviewed by the operator and compared against past experience, technical judgment and prior site knowledge to classify the anomalies.

12.2 Hand Auger Procedures

A stainless steel hand auger was utilized to collect surface samples. The auger consists of a three and half (3½) inch diameter bucket, a three (3) foot long extension rod and “T” handle. The auger was manually twisted in the ground to the desired depth allowing the soil to fill the bucket. Once the bucket was full or the desired depth is achieved, the auger was extracted from the ground and the soil sample was removed from the bucket and placed in a sample vessel for transportation to a certified laboratory.

12.3 Subsurface Soil Sampling Procedures

Prior to the installation of soil borings, a stainless steel hand auger was utilized to hand clear from grade to 5 ft BEG. The auger consists of a 2-inch diameter bucket, a 4 ft long extension rod and “T” handle. The auger is manually twisted in the ground to the desired depth allowing the soil to fill the bucket. Once the bucket is full or the desired depth is achieved, the auger is extracted from the ground and the soil

sample is removed from the bucket and placed in a sample vessel for transportation to a certified laboratory.

The soil probes were installed using a hydraulically powered Geoprobe unit. Mechanized, vehicle mounted soil probe systems apply both static force and hydraulically powered percussion hammers for tool placement. Recovery of large sample volumes was facilitated with a probe-driven sampler. The probe-driven sampler consisted of a dual tube sampling system that has an outer tube that remains in the ground while the inner tube is removed along with the non-reactive plastic tube in which the soil sample has been collected. This dual tube sampling system ensures that the soil sample collected is from the selected sampling depth as the probe was advanced. Discrete samples were secured at the desired depths and were contained within a non-reactive plastic sleeve that lined the hollow probe for subsequent inspection and analysis.

Soil samples are collected using a 2 3/8 inch diameter, five (5) foot long probe-driven sampler which is pushed to the desired depth in five (5) foot increments. Each time the probe is pushed a soil sample is collected within a disposal plastic sleeve inserted into the sampler. The plastic is then cut open in order to extract a soil sample for screening and/or analysis.

12.4 Headspace Analysis Procedure

Headspace analysis was performed utilizing a portable Photo Ionization Detection (PID) meter to measure what, if any, hydrocarbon concentrations were present in isolated portions of the secured samples. Headspace analysis was conducted by partially filling a sealable plastic bag with sample aliquot and sealing the top, thereby creating a void. This void is referred to as the sample headspace. To facilitate the detection of any hydrocarbons contained within the sample headspace, the container was agitated for a period of thirty (30) seconds. The probe of the vapor analyzer was then injected into the headspace to measure the hydrocarbon concentrations present. A MiniRae 3000 Photo Ionization Detection meter was the organic vapor analyzer selected for the headspace analysis.

A PID utilizes the principle of photo ionization for detection and measurement of hydrocarbon compounds. A PID does not respond to all compounds similarly; rather, each compound has its own response factor relative to its calibration. For this investigation, the PID was calibrated using isobutylene. Hydrocarbon relative response factors for a PID calibrated using isobutylene are published by the manufacturer.

12.5 Temporary Well Point Sampling Procedure

The groundwater sampling system used was the Geoprobe Screen Point 15, which is designed to accurately collect grab samples of groundwater. The Screen Point 15 uses a screen with a standard slot size of 0.004 inches that is sealed inside a 1.5-inch ID alloy steel sheath as it is driven to depth. The screen is sealed inside the sheath with Neoprene O-rings that prevent infiltration of formation fluids until the desired depth is attained. When the screen has been driven to the depth of interest in the formation, extension rods are used to hold the screen in position as the driving rods are retracted approximately 4 feet. The 4-foot long sampler sheath forms a seal above the screen as it is retracted. A total of 41.5 inches of slotted screen is placed into contact with the formation. The Screen Point 15 groundwater sampler has a total boring diameter of 1.5 inches, the outside diameter of the screen is 1.0 inch. This provides for a maximum of 0.25 inches between the screen and the natural formation as the sampler sheath is retracted. These conditions approach the ideal for natural formation development, which can be conducted when lower turbidity samples are required.

Each groundwater sample was collected from the sampler utilizing 3/8 inch diameter disposable tubing equipped with a bottom check valve. The tubing extended from the surface down to the sampler. The tubing was oscillated until the process had achieved proper development. The groundwater was then containerized into the appropriate sample vessels for subsequent laboratory analysis.

12.6 Monitoring Well Development and Sampling Procedure

A minimum of three (3) well volumes were purged from each monitoring well prior to the collection of groundwater samples. Field measurements were secured from each monitoring well during the development process to provide data regarding physical groundwater characteristics. The development water was field analyzed for pH, specific conductivity and temperature. Results of the field measurements were utilized to establish steady state conditions within the groundwater aquifer. Purging and sample collection was accomplished using a submersible pump with disposable polyethylene tubing and/or a polyethylene disposable bailer. Aqueous samples were placed in laboratory-provided glassware, packed on ice in shipping containers, and submitted under proper chain-of-custody to the analytical laboratory. Equipment used for groundwater sampling consisted of new, disposable materials, or was properly decontaminated between sample locations. Sampling personnel changed nitrile sampling gloves between each sample location to minimize the potential for sample cross-contamination.

13 QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES (QA/QC)

The following sampling QA/QC protocol is in accordance with the United States Environmental Protection Agency's (USEPA) accepted sampling procedures for hazardous waste streams [Municipal Research Laboratory, 1980, Sampling and Analysis Procedures for Hazardous Material Waste Streams, Office of Emergency and Remedial Response, Cincinnati, Ohio. EPA-600/280-018] and American Society of Testing and Material's (ASTM's) Sampling Procedures.

13.1 Sampling Personnel

The activities associated with the survey, sampling and analysis plan were performed by or under the auspices of a USEPA Office of Emergency and Remedial Response, Certified Sampler for Hazardous Materials. The sample staff (samplers) possessed a minimum of a B.A. Degree in the Earth, Space or Biological Sciences or a B.S. Degree in Engineering. Samplers had a minimum of one (1) year experience in environmental/geological field work. Additionally, all samplers received mandatory forty-hour Occupational Safety and Health Administration (OSHA) training on working with potentially hazardous materials and appropriate Hazard Communication Program and "Right-To-Know" training.

13.2 Sampling Equipment

Separate QA/QC measures were implemented for each of the instruments used in the performance of the SAP.

13.2.1 Geoprobe

Prior to arrival on the Site and between sample locations, the probes were decontaminated by washing them with a detergent (Alconox) and potable water solution and rinsing them with distilled water.

13.2.2 Photo Ionization Detector

Calibration of the PID was conducted prior to sampling using a span gas of known concentration. The PID was a MiniRae 3000, photo ionization detection meter.

13.2.3 Sample Vessels

All sample vessels were "level A" certified decontaminated containers supplied by a New York State Certified Commercial Laboratory. Samples analyzed for hydrocarbons were placed in containers with Teflon lined caps. All samples were preserved by cooling them to a temperature of approximately four degrees Celsius.

13.3 Sample Documentation

A sample represents physical evidence. An essential part of liability reduction is the proper control of gathered evidence. To establish proper control, the following sample identification and chain-of custody procedures were followed.

13.3.1 Sample Identification

Sample identification was executed by use of a sample tag, log book and chain-of-custody form. Said documentation provided the following information: 1) the project code; 2) the sample laboratory number; 3) the sample preservation; 4) instrument used for source sample grabs; 5) the composite medium used for source sample grabs; 6) the date the sample was secured from the source media; 7) the time the sample was secured from the source media; and 8) the person who secured the sample from the source media.

13.3.2 Chain-of-Custody Procedures

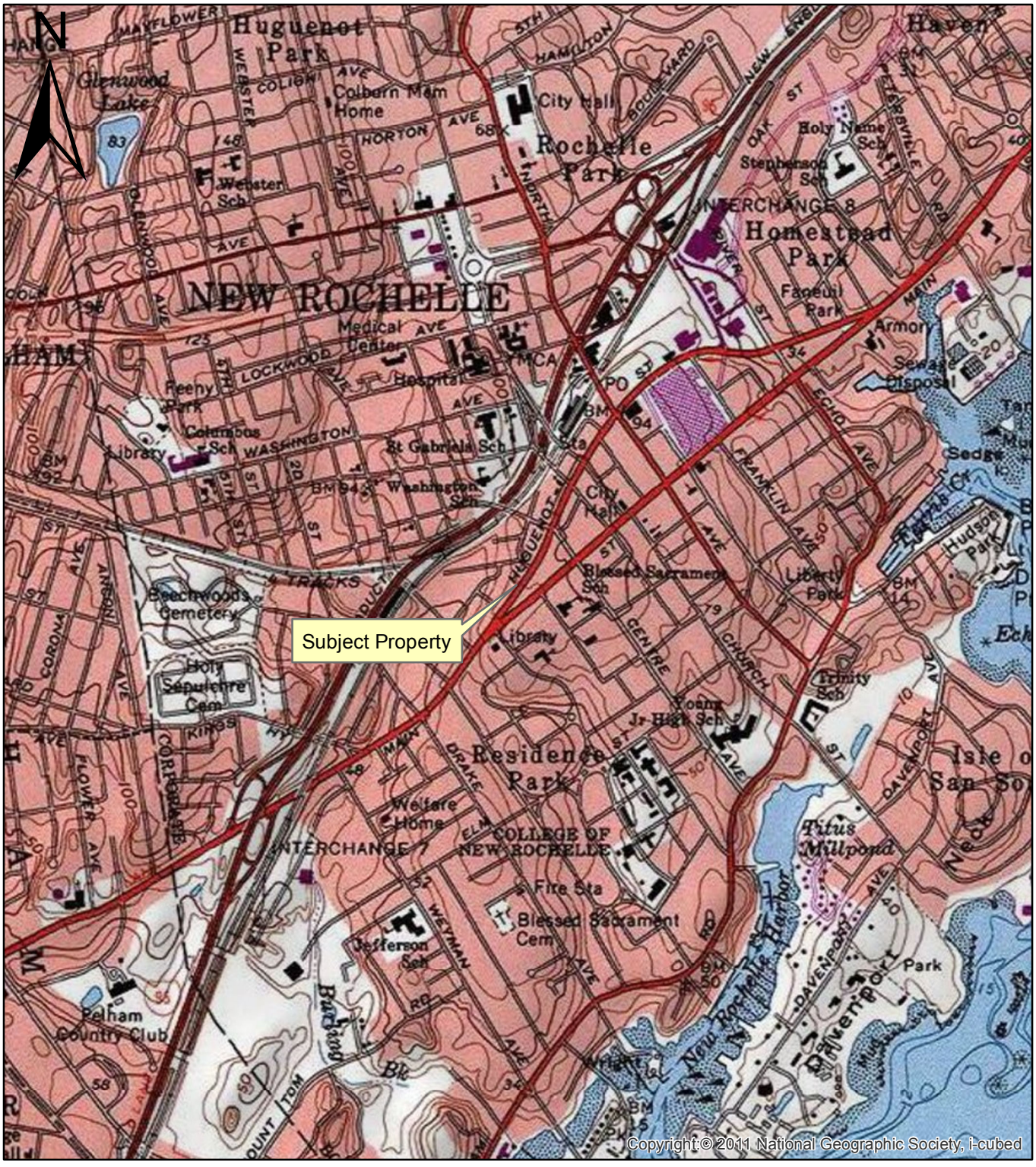
Due to the evidential nature of samples, possession was traceable from the time the samples were collected until they were received by the testing laboratory. A sample was considered under custody if it: was in a person's possession; it was in a person's view, after being in possession; if it was in a person's possession and they locked it up; or, it was in a designated secure area. When transferring custody, the individuals relinquishing and receiving the samples signed, dated and noted the time on the Chain-of-Custody Form.

13.3.3 Laboratory-Custody Procedures

A designated sample custodian accepted custody of the shipped samples and verified that the information on the sample tags matched that on the Chain-of-Custody Records. Pertinent information as to shipment, pick-up, courier, etc., were entered in the "remarks" section. The custodian entered the sample tag data into a bound logbook.

The laboratory custodian used the sample tag number, or assigned a unique laboratory number to each sample tag, and assured that all samples were transferred to the proper analyst or stored in the appropriate source area. The laboratory custodian distributed samples to the appropriate analysts. Laboratory personnel were responsible for the care and custody of samples, from the time they were received, until the sample was exhausted or returned to the sample custodian. All identifying data sheets and laboratory records were retained as part of the permanent documentation. Samples received by the laboratory were retained until after analysis and quality assurance checks were completed.

FIGURES



USGS 7.5 Minute Quadrangle Topographic Map (2011)

SCALE: 1:24,000

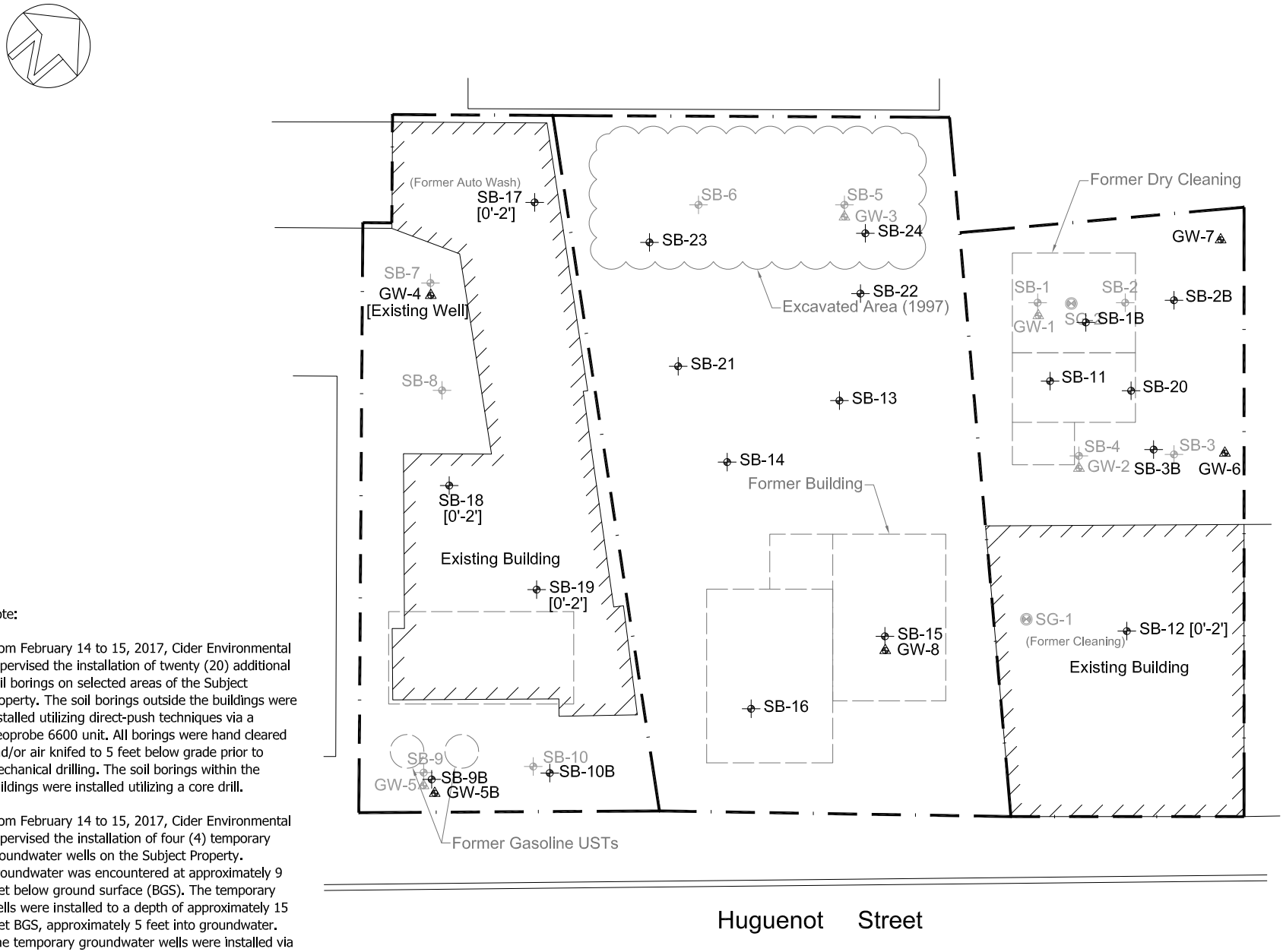
0 0.125 0.25 0.5 0.75 1 Miles

TITLE	SITE LOCATION MAP		Figure No. 01
PROJECT	381-393 Huguenot Street New Rochelle, New York		Project No. 2015-188
CIDER ENVIRONMENTAL	DESIGN	WF	1-18-2016
	CHECK		
	REVIEW		

SCALE: 1:1,000

0 25 50 100 150 200 Feet

TITLE	SITE LAYOUT MAP		Figure No. 02
PROJECT	381-393 Huguenot Street New Rochelle, New York		Project No. 2015-188
EIDER ENVIRONMENTAL	DESIGN	WF	1-18-2016
	CHECK		
	REVIEW		



Note:

From February 14 to 15, 2017, Cider Environmental supervised the installation of twenty (20) additional soil borings on selected areas of the Subject Property. The soil borings outside the buildings were installed utilizing direct-push techniques via a Geoprobe 6600 unit. All borings were hand cleared and/or air knifed to 5 feet below grade prior to mechanical drilling. The soil borings within the buildings were installed utilizing a core drill.

From February 14 to 15, 2017, Cider Environmental supervised the installation of four (4) temporary groundwater wells on the Subject Property. Groundwater was encountered at approximately 9 feet below ground surface (BGS). The temporary wells were installed to a depth of approximately 15 feet BGS, approximately 5 feet into groundwater. The temporary groundwater wells were installed via a Geoprobe system.

Scale in Feet

10 5 0 10 20

Legend

- Groundwater Temporary Well
- Soil Sampling Point
- Former Groundwater Temporary Well
- Former Soil Sampling Point
- Former Soil Gas Sampling Point

TITLE: Supplemental Sampling Location Map

381-393 Huguenot Street, New Rochelle, New York

DRAWN BY:	WF	REVISED BY:	WF	PROJECT No. 2015-188
CHECKED BY:	JC	REVISED DATE:	2-22-2017	
DATE:	2-23-2017	APPROVED BY:		FIGURE No. 03
SCALE:	1" = 25'	FILE NAME:		

CIDER ENVIRONMENTAL
Tel: (631) 616-4000 Fax: (631)980-7972
www.CiderEnvironmental.com
6268 Jericho Tpke, Suite 12, Commack, NY 11725

MW ID	Top of Casing	ROD1	ROD2	Depth to Water	GW Elevation
	(ft)	(ft)	(ft)	(ft)	(ft)
GW-4	100.00	7.03		7.25	92.75
GW-5B	104.38	2.65	4.38	8.04	96.34
GW-8	104.05	4.71	1.75	8.10	95.95
GW-7	101.64	4.16	4.94	7.54	94.10
GW-6	102.48	4.10		6.54	95.94

Note:
1. Set arbitrary elevation of 100 feet at top of casing of GW-4
2. Survey was performed on 2/15/2017 by CE

Huguenot Street

Legend
- Groundwater Temporary Well
- Former Groundwater Temporary Well

Scale in Feet
10 5 0 10 20

TITLE: Groundwater Potentiometric Map

381-393 Huguenot Street, New Rochelle, New York

DRAWN BY:	WF	REVISED BY:		PROJECT No. 2015-188
CHECKED BY:	JC	REVISED DATE:		
DATE:	2-23-2017	APPROVED BY:		FIGURE No. 04
SCALE:	1" = 25'	FILE NAME:		

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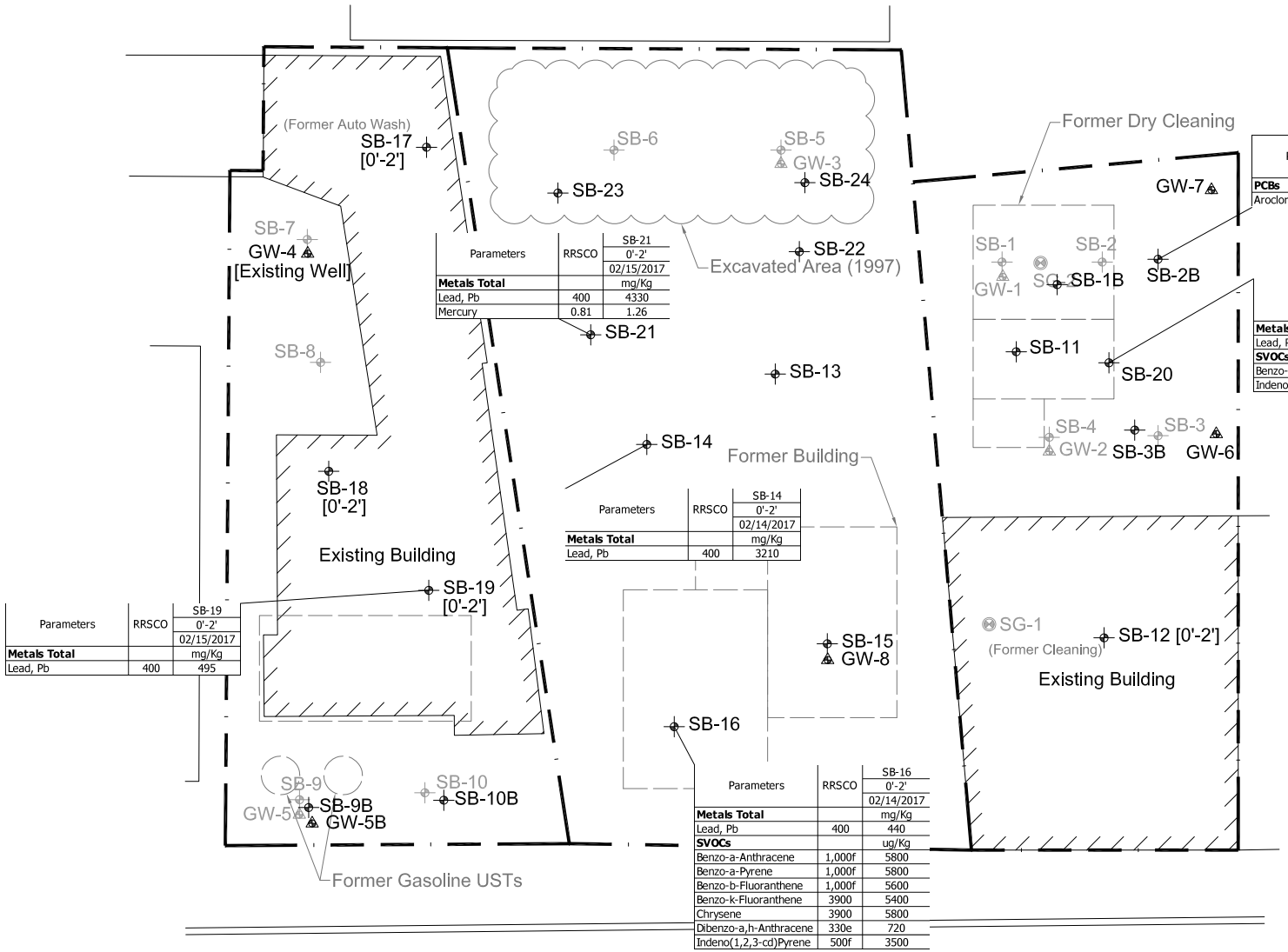

Parameters	RRSCO	SB-21 0'-2' 02/15/2017
Metals Total		mg/Kg
Lead, Pb	400	4330
Mercury	0.81	1.26

Parameters	RRSCO	SB-14 0'-2' 02/14/2017
Metals Total		mg/Kg
Lead, Pb	400	3210

Parameters	RRSCO	SB-19 0'-2' 02/15/2017
Metals Total		mg/Kg
Lead, Pb	400	495

Parameters	RRSCO	SB-16 0'-2' 02/14/2017
Metals Total		mg/Kg
Lead, Pb	400	440
SVOCs		ug/Kg
Benzo-a-Anthracene	1,000f	5800
Benzo-a-Pyrene	1,000f	5800
Benzo-b-Fluoranthene	1,000f	5600
Benzo-k-Fluoranthene	3900	5400
Chrysene	3900	5800
Dibenzo-a,h-Anthracene	330e	720
Indeno(1,2,3-cd)Pyrene	500f	3500

Parameters	RRSCO	SB-2B 5'-7' 02/14/2017
PCBs		ug/Kg
Aroclor 1254	1000	3000

Parameters	RRSCO	SB-20 0'-2' 02/14/2017
Metals Total		mg/Kg
Lead, Pb	400	1820
SVOCs		ug/Kg
Benzo-a-Pyrene	1,000f	1100
Indeno(1,2,3-cd)Pyrene	500f	870

Huguenot Street

Scale in Feet
10 5 0 10 20

Legend

- Groundwater Temporary Well
- Soil Sampling Point
- Former Groundwater Temporary Well
- Former Soil Sampling Point
- Former Soil Gas Sampling Point

TITLE: Summary of Exceedances- Soil

381-393 Huguenot Street, New Rochelle, New York

DRAWN BY:	WF	REVISED BY:		PROJECT No. 2015-188
CHECKED BY:	JC	REVISED DATE:		
DATE:	2-23-2017	APPROVED BY:		FIGURE No. 05
SCALE:	1" = 25'	FILE NAME:		

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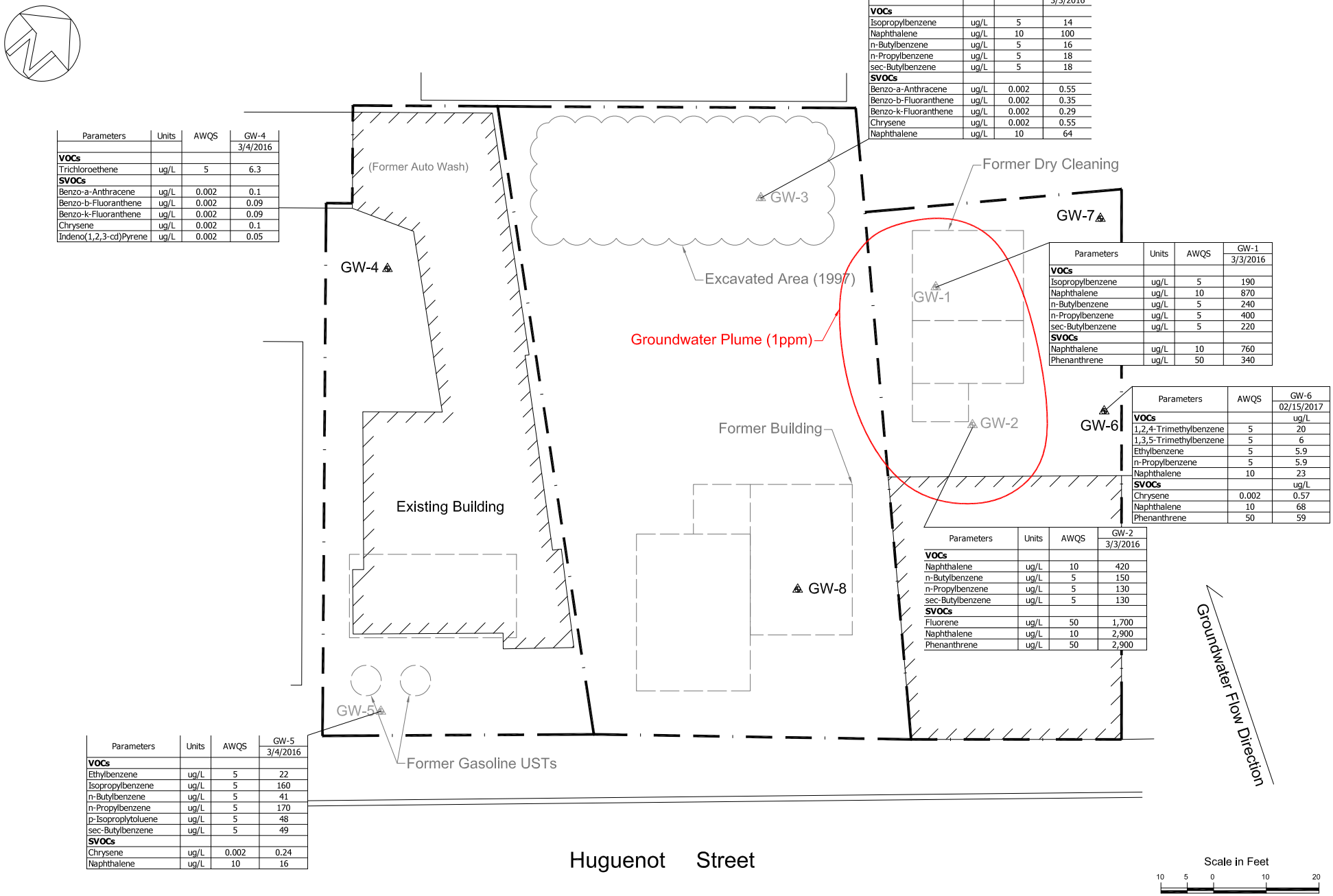

Parameters	Units	AWQS	GW-3 3/3/2016
VOCs			
Isopropylbenzene	ug/L	5	14
Naphthalene	ug/L	10	100
n-Butylbenzene	ug/L	5	16
n-Propylbenzene	ug/L	5	18
sec-Butylbenzene	ug/L	5	18
SVOCs			
Benzo-a-Anthracene	ug/L	0.002	0.55
Benzo-b-Fluoranthene	ug/L	0.002	0.35
Benzo-k-Fluoranthene	ug/L	0.002	0.29
Chrysene	ug/L	0.002	0.55
Naphthalene	ug/L	10	64

Parameters	Units	AWQS	GW-4 3/4/2016
VOCs			
Trichloroethene	ug/L	5	6.3
SVOCs			
Benzo-a-Anthracene	ug/L	0.002	0.1
Benzo-b-Fluoranthene	ug/L	0.002	0.09
Benzo-k-Fluoranthene	ug/L	0.002	0.09
Chrysene	ug/L	0.002	0.1
Indeno(1,2,3-cd)Pyrene	ug/L	0.002	0.05

Parameters	Units	AWQS	GW-1 3/3/2016
VOCs			
Isopropylbenzene	ug/L	5	190
Naphthalene	ug/L	10	870
n-Butylbenzene	ug/L	5	240
n-Propylbenzene	ug/L	5	400
sec-Butylbenzene	ug/L	5	220
SVOCs			
Naphthalene	ug/L	10	760
Phenanthrene	ug/L	50	340

Parameters	AWQS	GW-6 02/15/2017
VOCs		ug/L
1,2,4-Trimethylbenzene	5	20
1,3,5-Trimethylbenzene	5	6
Ethylbenzene	5	5.9
n-Propylbenzene	5	5.9
Naphthalene	10	23
SVOCs		ug/L
Chrysene	0.002	0.57
Naphthalene	10	68
Phenanthrene	50	59

Parameters	Units	AWQS	GW-2 3/3/2016
VOCs			
Naphthalene	ug/L	10	420
n-Butylbenzene	ug/L	5	150
n-Propylbenzene	ug/L	5	130
sec-Butylbenzene	ug/L	5	130
SVOCs			
Fluorene	ug/L	50	1,700
Naphthalene	ug/L	10	2,900
Phenanthrene	ug/L	50	2,900

Parameters	Units	AWQS	GW-5 3/4/2016
VOCs			
Ethylbenzene	ug/L	5	22
Isopropylbenzene	ug/L	5	160
n-Butylbenzene	ug/L	5	41
n-Propylbenzene	ug/L	5	170
p-Isoproplytoluene	ug/L	5	48
sec-Butylbenzene	ug/L	5	49
SVOCs			
Chrysene	ug/L	0.002	0.24
Naphthalene	ug/L	10	16

Scale in Feet

10 5 0 10 20

Legend

- Groundwater Temporary Well
- Former Groundwater Temporary Well

TITLE: Summary of Exceedances- Groundwater

381-393 Huguenot Street, New Rochelle, New York

DRAWN BY:	WF	REVISED BY:		PROJECT No. 2015-188
CHECKED BY:	JC	REVISED DATE:		
DATE:	2-23-2017	APPROVED BY:		FIGURE No. 06
SCALE:	1" = 25'	FILE NAME:		

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TABLES

Table 1: Selected Samples and Analysis Methods Summary
381-393 Huguenot Street, New Rochelle, New York

Sample ID	Matrix	Depth / Location	Date	USEPA Test Method	Target Analytes
SB-2B	Soil	5'-7'	02/14/2017	8270D / 8082 / 6010 / 8015D	SVOCs, PCBs, TAL Metals, and TPH DRO
SB-9B	Soil	6'-8'	02/14/2017	8270D / 8082 / 6010 / 8015D	SVOCs, PCBs, TAL Metals, and TPH DRO
SB-10B	Soil	6'-8'	02/15/2017	8270D / 8082 / 6010 / 8015D	SVOCs, PCBs, TAL Metals, and TPH DRO
SB-12	Soil	0'-2' /8'-10'	02/15/2017	8270D / 8082 / 6010 / 8015D	SVOCs, PCBs, TAL Metals, and TPH DRO
SB-14	Soil	0'-2'	02/14/2017	8270D / 8082 / 6010	SVOCs, PCBs, and TAL Metals
SB-15	Soil	0'-2'	02/14/2017	8270D / 8082 / 6010	SVOCs, PCBs, and TAL Metals
SB-16	Soil	0'-2'	02/14/2017	8270D / 8082 / 6010	SVOCs, PCBs, and TAL Metals
SB-17	Soil	0'-2'	02/15/2017	8270D / 8082 / 6010	SVOCs, PCBs, and TAL Metals
SB-18	Soil	0'-2'	02/15/2017	8270D / 8082 / 6010	SVOCs, PCBs, and TAL Metals
SB-19	Soil	0'-2'	02/15/2017	8270D / 8082 / 6010	SVOCs, PCBs, and TAL Metals
SB-20	Soil	0'-2'	02/14/2017	8270D / 8082 / 6010 / 8015D	SVOCs, PCBs, TAL Metals, and TPH DRO
SB-21	Soil	0'-2'	02/15/2017	8270D / 8082 / 6010	SVOCs, PCBs, and TAL Metals
GW-6	Groundwater	10'	02/15/2017	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
GW-7	Groundwater	10'	02/15/2017	8260 / 8270 CP-51	VOCs and petroleum related SVOCs
GW-8	Groundwater	10'	02/15/2017	8260 / 8270 CP-51	VOCs and petroleum related SVOCs

Table 2: Groundwater Elevation Survey Results
381-393 Huguenot Street, New Rochelle, New York

MW ID	Top of Casing	ROD1	ROD2	Depth to Water	GW Elevation
	(ft)	(ft)	(ft)	(ft)	(ft)
GW-4	100.00	7.03		7.25	92.75
GW-5B	104.38	2.65	4.38	8.04	96.34
GW-8	104.05	4.71	1.75	8.10	95.95
GW-7	101.64	4.16	4.94	7.54	94.10
GW-6	102.48	4.10		6.54	95.94

Note:
1. Set arbitrary elevation of 100 feet at top of casing of GW-4
2. Survey was performed on 2/15/2017 by CE

Table 3: Laboratory Analysis Results- Soil
381-393 Huguenot Street, New Rochelle, New York

Parameters	Sample ID / Sampling Depth / Sample Date / CAS	Units	6 NYCRR Part 375 Unrestricted Use SCO	6 NYCRR Part 375 Restricted Residential SCO	SB-2B 5'-7' 02/14/2017 Result	SB-9B 6'-8' 02/14/2017 Result	SB-10B 6'-8' 02/15/2017 Result	SB-12 0'-2' /8'-10' 02/15/2017 Result	SB-14 0'-2' 02/14/2017 Result	SB-15 0'-2' 02/14/2017 Result
Metals Total										
Aluminum, Al	7429-90-5	mg/Kg	NA	NA	5240	22900	10600	29400	9680	11000
Antimony, Sb	7440-36-0	mg/Kg	NA	NA	< 3.4	< 3.5	< 3.8	< 3.9	24.7	< 3.4
Arsenic, As	7440-38-2	mg/Kg	13c	16f	4.22	0.79	1.64	< 0.78	7.06	3.19
Barium, Ba	7440-39-3	mg/Kg	350c	400	71.3	223	77.7	376	301	124
Beryllium, Be	7440-41-7	mg/Kg	7.2	72	0.3	0.43	< 0.31	0.48	0.35	0.34
Cadmium, Cd	7440-43-9	mg/Kg	2.5c	4.3	0.91	< 0.35	< 0.38	< 0.39	1.24	0.62
Calcium, Ca	7440-70-2	mg/Kg	NA	NA	33700	1620	1250	3130	13600	7060
Chromium, Cr	7440-47-3	mg/Kg	NA	110	15.6	75.6	29.5	91.6	24.9	26.5
Cobalt, Co	7440-48-4	mg/Kg	NA	NA	7.73	22.4	9.49	26.9	10	9.69
Copper, Cu	7440-50-8	mg/kg	50	270	109	55	17.4	21.7	120	52.6
Iron, Fe	7439-89-6	mg/Kg	NA	NA	15300	40100	17300	47900	18800	18700
Lead, Pb	7439-92-1	mg/Kg	63c	400	95.9	1.47	2.78	0.61	3210	250
Magnesium, Mg	7439-95-4	mg/Kg	NA	NA	19600	10600	3340	16000	5660	3830
Manganese, Mn	7439-96-5	mg/Kg	1,600c	2,000f	163	829	426	798	443	576
Mercury, Hg	7439-97-6	mg/Kg	.18c	.81j	0.25	< 0.03	< 0.03	< 0.03	0.74	0.3
Nickel, Ni	7440-02-0	mg/Kg	30	310	22.4	58.3	40.8	57.6	24.7	28.8
Potassium, K	7440-09-7	mg/Kg	NA	NA	1200	14900	3450	21000	3190	2490
Selenium, Se	7782-49-2	mg/Kg	3.9c	180	< 1.4	< 1.4	< 1.5	< 1.6	< 1.6	< 1.4
Silver, Ag	7440-22-4	mg/Kg	2	180	< 0.34	< 0.35	< 0.38	< 0.39	< 0.41	< 0.34
Sodium, Na	7440-23-5	mg/Kg	NA	NA	417	465	182	278	210	228
Thallium, Ti	7440-28-0	mg/Kg	NA	NA	< 3.0	< 3.2	< 3.5	< 3.5	< 3.7	< 3.1
Vanadium, V	7440-62-2	mg/Kg	NA	NA	31.3	58.3	27.6	82.6	28.2	31.4
Zinc, Zn	7440-66-6	mg/Kg	109c	10,000d	171	81.7	29.6	94.8	235	112
Polychlorinated Biphenyls - SW8082A										
Aroclor 1016	12674-11-2	ug/Kg	100	1,000	< 760	< 77	< 73	< 75	< 78	< 74
Aroclor 1221	11104-28-2	ug/Kg			< 760	< 77	< 73	< 75	< 78	< 74
Aroclor 1232	11141-16-5	ug/Kg			< 760	< 77	< 73	< 75	< 78	< 74
Aroclor 1242	53469-21-9	ug/Kg			< 760	< 77	< 73	< 75	< 78	< 74
Aroclor 1248	12672-29-6	ug/Kg			< 760	< 77	< 73	< 75	< 78	< 74
Aroclor 1254	11097-69-1	ug/Kg			3000	< 77	< 73	< 75	< 78	< 74
Aroclor 1260	11096-82-5	ug/Kg			< 760	< 77	< 73	< 75	< 78	< 74
Aroclor 1262	37324-23-5	ug/Kg			< 760	< 77	< 73	< 75	< 78	< 74
Aroclor 1268	11100-14-4	ug/Kg			< 760	< 77	< 73	< 75	< 78	< 74
Semivolatiles - SW8270D										
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg			< 530	< 270	< 260	< 270	< 270	< 260
1,2,4-Trichlorobenzene	120-82-1	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
1,2-Dichlorobenzene	95-50-1	ug/Kg	1100	100,000a	< 530	< 270	< 260	< 270	< 270	< 260
1,2- Diphenylhydrazine	122-66-7	ug/Kg	NA	NA	< 760	< 390	< 370	< 380	< 390	< 370
1,3-Dichlorobenzene	541-73-1	ug/Kg	2400	49000	< 530	< 270	< 260	< 270	< 270	< 260
1,4-Dichlorobenzene	106-46-7	ug/Kg	1800	13000	< 530	< 270	< 260	< 270	< 270	< 260
2,4,5-Trichlorophenol	95-95-4	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
2,4,6-Trichlorophenol	88-06-2	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260

Table 3: Laboratory Analysis Results- Soil
381-393 Huguenot Street, New Rochelle, New York

Parameters	Sample ID	Units	6 NYCRR Part 375 Unrestricted Use SCO	6 NYCRR Part 375 Restricted Residential SCO	SB-2B	SB-9B	SB-10B	SB-12	SB-14	SB-15
	Sampling Depth				5'-7'	6'-8'	6'-8'	0'-2' /8'-10'	0'-2'	0'-2'
	Sample Date				02/14/2017	02/14/2017	02/15/2017	02/15/2017	02/14/2017	02/14/2017
	CAS				Result	Result	Result	Result	Result	Result
2,4-Dichlorophenol	120-83-2	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
2,4-Dimethylphenol	105-67-9	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
2,4-Dinitrophenol	51-28-5	ug/Kg	NA	NA	< 760	< 390	< 370	< 380	< 390	< 370
2,4-Dinitrotoluene	121-14-2	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
2,6-Dinitrotoluene	606-20-2	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
2-Chloronaphthalene	91-58-7	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
2-Chlorophenol	95-57-8	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
2-Methylnaphthalene	91-57-6	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
2-Methylphenol	95-48-7	ug/Kg	330b	100,000a	< 350	< 270	< 260	< 270	< 270	< 260
2-Nitroaniline	88-74-4	ug/Kg	NA	NA	< 760	< 390	< 370	< 380	< 390	< 370
2-Nitrophenol	88-75-5	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
3+4 Methylphenol	NA	ug/Kg	NA	NA	< 760	< 390	< 370	< 380	< 390	< 370
3,3-Dichlorobenzidine	91-94-1	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
3-Nitroaniline	99-09-2	ug/Kg	NA	NA	< 760	< 390	< 370	< 380	< 390	< 370
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg	NA	NA	< 760	< 390	< 370	< 380	< 390	< 370
4-Bromophenyl-phenyl ether	101-55-3	ug/Kg	NA	NA	< 760	< 390	< 370	< 380	< 390	< 370
4-Chloro-3-methylphenol	59-50-7	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
4-Chloroaniline	106-47-8	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
4-Chlorophenyl phenyl ether	7005-72-3	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
4-Nitroaniline	100-01-6	ug/Kg	NA	NA	< 1200	< 620	< 600	< 610	< 620	< 590
4-Nitrophenol	100-02-7	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
Acenaphthene	83-32-9	ug/Kg	20000	100,000a	< 530	< 270	< 260	< 270	< 270	< 260
Acenaphthylene	208-96-8	ug/Kg	100,000a	100,000a	< 530	< 270	< 260	< 270	< 270	< 260
Acetophenone	98-86-2	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
Aniline	62-53-3	ug/Kg	NA	100000	< 760	< 390	< 370	< 380	< 390	< 370
Anthracene	120-12-7	ug/Kg	100,000a	100,000a	< 530	< 270	< 260	< 270	< 270	< 260
Benzo-a-Anthracene	56-55-3	ug/Kg	1,000c	1,000f	< 530	< 270	< 260	< 270	< 270	< 260
Benzidine	92-87-5	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
Benzo-a-Pyrene	50-32-8	ug/Kg	1,000c	1,000f	< 530	< 270	< 260	< 270	330	270
Benzo-b-Fluoranthene	205-99-2	ug/Kg	1,000c	1,000f	< 530	< 270	< 260	< 270	370	< 260
Benzo-g,h,i-Perylene	191-24-2	ug/Kg	100000	100,000a	< 530	< 270	< 260	270	< 270	< 260
Benzo-k-Fluoranthene	207-08-9	ug/Kg	800c	3900	< 530	< 270	< 260	< 270	350	270
Benzoic Acid	65-85-0	ug/Kg	NA	NA	< 1500	< 780	< 750	< 760	< 770	< 730
Butylbenzylphthalate	85-68-7	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
Bis(2-Chloroethoxy)methane	111-91-1	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
Bis(2-Chloroethyl)ether	111-44-4	ug/Kg	NA	NA	< 760	< 390	< 370	< 380	< 390	< 370
Bis(2-Chloroisopropyl)ether	39638-32-9	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
Bis(2-Ethylhexyl)Phthalate	117-81-7	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
Carbazole	86-74-8	ug/Kg	NA	NA	< 760	< 390	< 370	< 380	< 390	< 370
Chrysene	218-01-9	ug/Kg	1,000c	3900	< 530	< 270	< 260	< 270	330	270
Di-n-Butyl Phthalate	84-74-2	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
Di-n-Octyl Phthalate	117-84-0	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
Dibenzo-a,h-Anthracene	53-70-3	ug/Kg	330b	330e	< 330	< 270	< 260	< 270	< 270	< 260
Dibenzofuran	132-64-9	ug/Kg	7000	59000	< 530	< 270	< 260	< 270	< 270	< 260
Diethyl Phthalate	84-66-2	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260

Table 3: Laboratory Analysis Results- Soil
381-393 Huguenot Street, New Rochelle, New York

Parameters	Sample ID / Sampling Depth / Sample Date / CAS	Units	6 NYCRR Part 375 Unrestricted Use SCO	6 NYCRR Part 375 Restricted Residential SCO	SB-2B 5'-7' 02/14/2017 Result	SB-9B 6'-8' 02/14/2017 Result	SB-10B 6'-8' 02/15/2017 Result	SB-12 0'-2' /8'-10' 02/15/2017 Result	SB-14 0'-2' 02/14/2017 Result	SB-15 0'-2' 02/14/2017 Result
Dimethyl Phthalate	131-11-3	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
Fluoranthene	206-44-0	ug/Kg	100000	100,000a	< 530	< 270	< 260	< 270	450	380
Fluorene	86-73-7	ug/Kg	30000	100,000a	< 530	< 270	< 260	< 270	< 270	< 260
Hexachlorobenzene	118-74-1	ug/Kg	330	1200	< 530	< 270	< 260	< 270	< 270	< 260
Hexachlorobutadiene	87-68-3	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
Hexachlorocyclopentadiene	77-47-4	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
Hexachloroethane	67-72-1	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
Indeno(1,2,3-cd)Pyrene	193-39-5	ug/Kg	500c	500f	< 500	< 270	< 260	350	< 270	< 260
Isophorone	78-59-1	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
N-Nitroso-di-n-Propylamine	621-64-7	ug/Kg	NA	NA	< 530	< 270	< 260	< 270	< 270	< 260
N-Nitrosodimethylamine	62-75-9	ug/Kg	NA	NA	< 760	< 390	< 370	< 380	< 390	< 370
N-Nitrosodiphenylamine	86-30-6	ug/Kg	NA	NA	< 760	< 390	< 370	< 380	< 390	< 370
Naphthalene	91-20-3	ug/Kg	12000	100,000a	< 530	< 270	< 260	< 270	< 270	< 260
Nitrobenzene	98-95-3	ug/Kg	NA	15000	< 530	< 270	< 260	< 270	< 270	< 260
Pentachloronitrobenzene	82-68-8	ug/Kg			< 760	< 390	< 370	< 380	< 390	< 370
Pentachlorophenol	87-86-5	ug/Kg	800b	6700	< 760	< 390	< 370	< 380	< 390	< 370
Phenanthrene	85-01-8	ug/Kg	100000	100,000a	< 530	< 270	< 260	< 270	< 270	< 260
Phenol	108-95-2	ug/Kg	330b	100,000a	< 330	< 270	< 260	< 270	< 270	< 260
Pyrene	129-00-0	ug/Kg	100000	100,000a	< 530	< 270	< 260	< 270	440	370
Pyridine	110-86-1	ug/Kg			< 760	< 390	< 370	< 380	< 390	< 370
TPH DRO (C10-C28) - SW8015D DRO										
Diesel Range Organics (C10-C28)	PHNX - DRO	mg/Kg			< 280	< 59	< 54	< 57		

Notes:
ug/Kg: microgram per kilogram (ppb)
mg/Kg: miligram per kilogram (ppm)
Analyte detected
Detected at concentration above 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives
Detected at concentration above 6 NYCRR Part 375 Restricted Residential Soil Cleanup Objectives
Reporting Limit (RL) above either the UUSCO or RRSCO

Table 3: Laboratory Analysis Results- Soil
381-393 Huguenot Street, New Rochelle, New York

Parameters	Sample ID / Sampling Depth / Sample Date / CAS	Units	6 NYCRR Part 375 Unrestricted Use SCO	6 NYCRR Part 375 Restricted Residential SCO	SB-16 0'-2' 02/14/2017 Result	SB-17 0'-2' 02/15/2017 Result	SB-18 0'-2' 02/15/2017 Result	SB-19 0'-2' 02/15/2017 Result	SB-20 0'-2' 02/14/2017 Result	SB-21 0'-2' 02/15/2017 Result
Metals Total										
Aluminum, Al	7429-90-5	mg/Kg	NA	NA	12700	14900	15800	13900	8030	9940
Antimony, Sb	7440-36-0	mg/Kg	NA	NA	< 4.3	< 3.8	< 3.9	< 3.7	< 3.6	24.8
Arsenic, As	7440-38-2	mg/Kg	13c	16f	6.57	3.94	5.3	4.45	3.22	11.7
Barium, Ba	7440-39-3	mg/Kg	350c	400	211	58.4	75	142	238	334
Beryllium, Be	7440-41-7	mg/Kg	7.2	72	0.44	0.54	0.39	0.45	< 0.29	0.46
Cadmium, Cd	7440-43-9	mg/Kg	2.5c	4.3	0.72	< 0.38	0.42	< 0.37	1.11	1.36
Calcium, Ca	7440-70-2	mg/Kg	NA	NA	19800	3020	5230	3170	23100	20000
Chromium, Cr	7440-47-3	mg/Kg	NA	110	30.5	43.2	30.1	37.7	25	29.3
Cobalt, Co	7440-48-4	mg/Kg	NA	NA	11.2	11.4	10.7	11.5	11.5	9.39
Copper, Cu	7440-50-8	mg/kg	50	270	86.3	27.5	39.4	26.8	212	187
Iron, Fe	7439-89-6	mg/Kg	NA	NA	21500	24400	23800	20900	19300	20800
Lead, Pb	7439-92-1	mg/Kg	63c	400	440	8.96	147	495	1820	4330
Magnesium, Mg	7439-95-4	mg/Kg	NA	NA	9810	4370	4860	3950	10200	7030
Manganese, Mn	7439-96-5	mg/Kg	1,600c	2,000f	433	651	472	584	365	389
Mercury, Hg	7439-97-6	mg/Kg	.18c	.81j	0.37	< 0.03	0.15	0.32	0.27	1.26
Nickel, Ni	7440-02-0	mg/Kg	30	310	30.4	39	30.3	42.4	50.6	23.8
Potassium, K	7440-09-7	mg/Kg	NA	NA	2610	1890	1540	2310	2090	2010
Selenium, Se	7782-49-2	mg/Kg	3.9c	180	< 1.7	< 1.5	< 1.6	2.8	< 1.4	< 1.5
Silver, Ag	7440-22-4	mg/Kg	2	180	< 0.43	< 0.38	< 0.39	< 0.37	< 0.36	3.96
Sodium, Na	7440-23-5	mg/Kg	NA	NA	341	78.7	164	143	156	186
Thallium, Ti	7440-28-0	mg/Kg	NA	NA	< 3.9	< 3.4	< 3.5	< 3.4	< 3.2	< 3.4
Vanadium, V	7440-62-2	mg/Kg	NA	NA	35	35.3	34.9	31.7	22.5	30.4
Zinc, Zn	7440-66-6	mg/Kg	109c	10,000d	246	38.5	126	105	641	583
Polychlorinated Biphenyls - SW8082A										
Aroclor 1016	12674-11-2	ug/Kg			< 92	< 77	< 77	< 75	< 74	< 80
Aroclor 1221	11104-28-2	ug/Kg			< 92	< 77	< 77	< 75	< 74	< 80
Aroclor 1232	11141-16-5	ug/Kg			< 92	< 77	< 77	< 75	< 74	< 80
Aroclor 1242	53469-21-9	ug/Kg			< 92	< 77	< 77	< 75	< 74	< 80
Aroclor 1248	12672-29-6	ug/Kg	100	1,000	< 92	< 77	< 77	< 75	< 74	< 80
Aroclor 1254	11097-69-1	ug/Kg			< 92	< 77	< 77	< 75	490	< 80
Aroclor 1260	11096-82-5	ug/Kg			< 92	< 77	< 77	< 75	< 74	< 80
Aroclor 1262	37324-23-5	ug/Kg			< 92	< 77	< 77	< 75	< 74	< 80
Aroclor 1268	11100-14-4	ug/Kg			< 92	< 77	< 77	< 75	< 74	< 80
Semivolatiles - SW8270D										
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg			< 320	< 270	< 270	< 260	< 260	< 270
1,2,4-Trichlorobenzene	120-82-1	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
1,2-Dichlorobenzene	95-50-1	ug/Kg	1100	100,000a	< 320	< 270	< 270	< 260	< 260	< 270
1,2- Diphenylhydrazine	122-66-7	ug/Kg	NA	NA	< 460	< 380	< 390	< 380	< 370	< 390
1,3-Dichlorobenzene	541-73-1	ug/Kg	2400	49000	< 320	< 270	< 270	< 260	< 260	< 270
1,4-Dichlorobenzene	106-46-7	ug/Kg	1800	13000	< 320	< 270	< 270	< 260	< 260	< 270
2,4,5-Trichlorophenol	95-95-4	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
2,4,6-Trichlorophenol	88-06-2	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270

Table 3: Laboratory Analysis Results- Soil
381-393 Huguenot Street, New Rochelle, New York

Parameters	Sample ID	Units	6 NYCRR Part 375 Unrestricted Use SCO	6 NYCRR Part 375 Restricted Residential SCO	SB-16	SB-17	SB-18	SB-19	SB-20	SB-21
	Sampling Depth				0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'
	Sample Date				02/14/2017	02/15/2017	02/15/2017	02/15/2017	02/14/2017	02/15/2017
	CAS				Result	Result	Result	Result	Result	Result
2,4-Dichlorophenol	120-83-2	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
2,4-Dimethylphenol	105-67-9	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
2,4-Dinitrophenol	51-28-5	ug/Kg	NA	NA	< 460	< 380	< 390	< 380	< 370	< 390
2,4-Dinitrotoluene	121-14-2	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
2,6-Dinitrotoluene	606-20-2	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
2-Chloronaphthalene	91-58-7	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
2-Chlorophenol	95-57-8	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
2-Methylnaphthalene	91-57-6	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
2-Methylphenol	95-48-7	ug/Kg	330b	100,000a	< 320	< 270	< 270	< 260	< 260	< 270
2-Nitroaniline	88-74-4	ug/Kg	NA	NA	< 460	< 380	< 390	< 380	< 370	< 390
2-Nitrophenol	88-75-5	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
3+4 Methylphenol	NA	ug/Kg	NA	NA	< 460	< 380	< 390	< 380	< 370	< 390
3,3-Dichlorobenzidine	91-94-1	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
3-Nitroaniline	99-09-2	ug/Kg	NA	NA	< 460	< 380	< 390	< 380	< 370	< 390
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg	NA	NA	< 460	< 380	< 390	< 380	< 370	< 390
4-Bromophenyl-phenyl ether	101-55-3	ug/Kg	NA	NA	< 460	< 380	< 390	< 380	< 370	< 390
4-Chloro-3-methylphenol	59-50-7	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
4-Chloroaniline	106-47-8	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
4-Chlorophenyl phenyl ether	7005-72-3	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
4-Nitroaniline	100-01-6	ug/Kg	NA	NA	< 730	< 610	< 630	< 600	< 590	< 630
4-Nitrophenol	100-02-7	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
Acenaphthene	83-32-9	ug/Kg	20000	100,000a	< 320	< 270	< 270	< 260	< 260	< 270
Acenaphthylene	208-96-8	ug/Kg	100,000a	100,000a	< 320	< 270	< 270	< 260	< 260	< 270
Acetophenone	98-86-2	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
Aniline	62-53-3	ug/Kg	NA	100000	< 460	< 380	< 390	< 380	< 370	< 390
Anthracene	120-12-7	ug/Kg	100,000a	100,000a	1000	< 270	< 270	< 260	< 260	< 270
Benzo-a-Anthracene	56-55-3	ug/Kg	1,000c	1,000f	5800	< 270	< 270	< 260	790	390
Benzidine	92-87-5	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
Benzo-a-Pyrene	50-32-8	ug/Kg	1,000c	1,000f	5800	< 270	< 270	< 260	1100	420
Benzo-b-Fluoranthene	205-99-2	ug/Kg	1,000c	1,000f	5600	< 270	< 270	< 260	960	410
Benzo-g,h,i-Perylene	191-24-2	ug/Kg	100000	100,000a	2800	< 270	< 270	< 260	670	450
Benzo-k-Fluoranthene	207-08-9	ug/Kg	800c	3900	5400	< 270	< 270	< 260	920	390
Benzoic Acid	65-85-0	ug/Kg	NA	NA	< 910	< 760	< 780	< 750	< 730	< 780
Butylbenzylphthalate	85-68-7	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
Bis(2-Chloroethoxy)methane	111-91-1	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
Bis(2-Chloroethyl)ether	111-44-4	ug/Kg	NA	NA	< 460	< 380	< 390	< 380	< 370	< 390
Bis(2-Chloroisopropyl)ether	39638-32-9	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
Bis(2-Ethylhexyl)Phthalate	117-81-7	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	990	< 270
Carbazole	86-74-8	ug/Kg	NA	NA	< 460	< 380	< 390	< 380	< 370	< 390
Chrysene	218-01-9	ug/Kg	1,000c	3900	5800	< 270	< 270	< 260	800	460
Di-n-Butyl Phthalate	84-74-2	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
Di-n-Octyl Phthalate	117-84-0	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
Dibenzo-a,h-Anthracene	53-70-3	ug/Kg	330b	330e	720	< 270	< 270	< 260	< 260	< 270
Dibenzofuran	132-64-9	ug/Kg	7000	59000	< 320	< 270	< 270	< 260	< 260	< 270
Diethyl Phthalate	84-66-2	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270

Table 3: Laboratory Analysis Results- Soil
381-393 Huguenot Street, New Rochelle, New York

Parameters	Sample ID / Sampling Depth / Sample Date / CAS	Units	6 NYCRR Part 375 Unrestricted Use SCO	6 NYCRR Part 375 Restricted Residential SCO	SB-16 0'-2' 02/14/2017 Result	SB-17 0'-2' 02/15/2017 Result	SB-18 0'-2' 02/15/2017 Result	SB-19 0'-2' 02/15/2017 Result	SB-20 0'-2' 02/14/2017 Result	SB-21 0'-2' 02/15/2017 Result
Dimethyl Phthalate	131-11-3	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
Fluoranthene	206-44-0	ug/Kg	100000	100,000a	9800	< 270	< 270	< 260	1600	720
Fluorene	86-73-7	ug/Kg	30000	100,000a	< 320	< 270	< 270	< 260	< 260	< 270
Hexachlorobenzene	118-74-1	ug/Kg	330	1200	< 320	< 270	< 270	< 260	< 260	< 270
Hexachlorobutadiene	87-68-3	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
Hexachlorocyclopentadiene	77-47-4	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
Hexachloroethane	67-72-1	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
Indeno(1,2,3-cd)Pyrene	193-39-5	ug/Kg	500c	500f	3500	< 270	< 270	< 260	870	460
Isophorone	78-59-1	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
N-Nitroso-di-n-Propylamine	621-64-7	ug/Kg	NA	NA	< 320	< 270	< 270	< 260	< 260	< 270
N-Nitrosodimethylamine	62-75-9	ug/Kg	NA	NA	< 460	< 380	< 390	< 380	< 370	< 390
N-Nitrosodiphenylamine	86-30-6	ug/Kg	NA	NA	< 460	< 380	< 390	< 380	< 370	< 390
Naphthalene	91-20-3	ug/Kg	12000	100,000a	< 320	< 270	< 270	< 260	< 260	< 270
Nitrobenzene	98-95-3	ug/Kg	NA	15000	< 320	< 270	< 270	< 260	< 260	< 270
Pentachloronitrobenzene	82-68-8	ug/Kg			< 460	< 380	< 390	< 380	< 370	< 390
Pentachlorophenol	87-86-5	ug/Kg	800b	6700	< 460	< 380	< 390	< 380	< 370	< 390
Phenanthrene	85-01-8	ug/Kg	100000	100,000a	4000	< 270	< 270	< 260	1200	< 270
Phenol	108-95-2	ug/Kg	330b	100,000a	< 320	< 270	< 270	< 260	< 260	< 270
Pyrene	129-00-0	ug/Kg	100000	100,000a	8800	< 270	< 270	< 260	1400	690
Pyridine	110-86-1	ug/Kg			< 460	< 380	< 390	< 380	< 370	< 390
TPH DRO (C10-C28) - SW8015D DRO										
Diesel Range Organics (C10-C28)	PHNX - DRO	mg/Kg							110	

Notes:
ug/Kg: microgram per kilogram (ppb)
mg/Kg: miligram per kilogram (ppm)
Analyte detected
Detected at concentration above 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives
Detected at concentration above 6 NYCRR Part 375 Restricted Residential Soil Cleanup Objectives
Reporting Limit (RL) above either the UUSCO or RRSCO

Table 4: Laboratory Analysis Result- Groundwater
381-393 Huguenot Street, New Rochelle, New York

Parameters	Sample ID / Sample Date / CAS	Units	NYSDEC TOGS 1.1.1. Ambient Water Quality Standards and Guidance Values	GW-6 02/15/2017 Result	GW-7 02/15/2017 Result	GW-8 02/15/2017 Result
Volatiles- Stars/CP-51 - SW8260C						
1,2,4-Trimethylbenzene	95-63-6	ug/L	5	20	< 1.0	< 1.0
1,3,5-Trimethylbenzene	108-67-8	ug/L	5	6	< 1.0	< 1.0
Benzene	71-43-2	ug/L	1	< 0.70	< 0.70	< 0.70
Ethylbenzene	100-41-4	ug/L	5	5.9	< 1.0	3.7
Isopropylbenzene	98-82-8	ug/L	5	3.8	< 1.0	3.5
m&p-Xylene	179601-23-1	ug/L	NA	5.6	< 2.0	< 2.0
Methyl Tert-Butyl Ether	1634-04-4	ug/L	10	< 1.0	< 1.0	< 1.0
n-Butylbenzene	104-51-8	ug/L	5	1.5	< 1.0	< 1.0
n-Propylbenzene	103-65-1	ug/L	5	5.9	< 1.0	2.7
Naphthalene	91-20-3	ug/L	10	23	< 1.0	1.7
o-Xylene	95-47-6	ug/L	NA	< 2.0	< 2.0	< 2.0
p-Isoproplytoluene	99-87-6	ug/L	5	1.1	< 1.0	< 1.0
sec-Butylbenzene	135-98-8	ug/L	5	2.7	< 1.0	< 1.0
tert-Butylbenzene	98-06-6	ug/L	NA	< 1.0	< 1.0	< 1.0
Toluene	108-88-3	ug/L	5	< 1.0	< 1.0	< 1.0
Total Xylenes	1330-20-7	ug/L	15	5.6	< 2.0	< 2.0
Semivolatiles by SIM - SW8270D (SIM)						
2-Methylnaphthalene	91-57-6	ug/L	NA	220	0.57	1.2
Acenaphthene	83-32-9	ug/L	20	20	< 0.10	< 0.10
Acenaphthylene	208-96-8	ug/L	NA	7.4	< 0.10	< 0.10
Anthracene	120-12-7	ug/L	50	7	< 0.10	< 0.10
Benzo-a-Anthracene	56-55-3	ug/L	0.002	< 0.42	< 0.02	< 0.02
Benzo-a-Pyrene	50-32-8	ug/L	MDL	< 0.42	< 0.02	< 0.02
Benzo-b-Fluoranthene	205-99-2	ug/L	0.002	< 0.42	< 0.02	< 0.02
Benzo-g,h,i-Perylene	191-24-2	ug/L	NA	< 2.1	< 0.10	< 0.10
Benzo-k-Fluoranthene	207-08-9	ug/L	0.002	< 0.42	< 0.02	< 0.02
Chrysene	218-01-9	ug/L	0.002	0.57	< 0.02	< 0.02
Dibenzo-a,h-Anthracene	53-70-3	ug/L	NA	< 0.21	< 0.01	< 0.01
Fluoranthene	206-44-0	ug/L	50	< 2.1	< 0.10	< 0.10
Fluorene	86-73-7	ug/L	50	27	0.1	< 0.10
Indeno(1,2,3-cd)Pyrene	193-39-5	ug/L	0.002	< 0.42	< 0.02	< 0.02
Naphthalene	91-20-3	ug/L	10	68	< 0.10	0.65
Phenanthrene	85-01-8	ug/L	50	59	0.11	< 0.07
Pyrene	129-00-0	ug/L	50	3.8	< 0.10	< 0.10

Notes:
mg/L: miligram per liter (ppm)
ug/L: microgram per liter (ppb)
Analyte detected
Reporting Limit (RL) above TOGS 1.1.1 Ambient Water Quality Standard in unfiltered sample
Concentratoin above TOGS 1.1.1 Ambient Water Quality Standard in filtered sample

APPENDIX A

Field Logs

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-1B**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	
Date:	2/14/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	60%	Urbanfill	No odor or staining
	157.8		Medium Moist		Urbanfill	Petroleum Odor
2					End of Boring @ 2'	
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-2B**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	
Date:	2/14/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	60%	Urban fill	No odor or staining
2	0		Medium Moist			No odor or staining
3	0		Medium Moist		Weathered Bedrock	No odor or staining
4	0		Medium Moist			No odor or staining
5	0		Medium Moist			No odor or staining
6	30.3		Medium Moist	90%	Weathered Bedrock	No odor or staining
7	30.3		Medium Moist			No odor or staining
8	0		Wet			No odor or staining
9	0		Medium Moist		Old Concrete	No odor or staining
10	2		Medium Moist		Weathered Bedrock	No odor or staining
11	0		Medium Moist			No odor or staining
12	0		Medium Moist			No odor or staining
13					Refusal @ 12'	
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-3B**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	
Date:	2/14/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	60%	Brown Medium Sand with some weathered bedrock	No odor or staining
2	0		Medium Moist			No odor or staining
3	0		Medium Moist			No odor or staining
4	0		Medium Moist			No odor or staining
5	0		Medium Moist			No odor or staining
6	35		Medium Moist	90%	Dark Medium Sand with some weathered bedrock	Petroleum Odor
7	35		Medium Moist			Petroleum Odor
8	9.2		Wet			Petroleum Odor
9	9.2		Wet			Petroleum Odor
10	9.2		Wet			Petroleum Odor
11					End of Boring @ 10'	
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-9B**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	*on the west portion of in the front of the office*
Date:	2/114/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	50%	Brown Clay	No odor or staining
2	0		Medium Moist			No odor or staining
3	0		Medium Moist			No odor or staining
4	316.6		Medium Moist		Dark Clay	Petroleum Odor
5	316.6		Medium Moist			Petroleum Odor
6	369.1		Medium Moist	60%	Brown Fine Sand	Petroleum Odor
7	369.1		Medium Moist			Petroleum Odor
8	370.8		Medium Moist		Dark Fine Sand with some weathered bedrock	Petroleum Odor
9	370.8		Wet			Petroleum Odor
10	370.8		Wet			Petroleum Odor
11	400.3		Wet	60%	Dark weathered bedrock	Petroleum Odor
12	35.1		Wet			Petroleum Odor
13	0		Medium Moist			
14	0		Medium Moist			
15	0		Medium Moist			
16	0		Medium Moist			
17	0		Medium Moist			
18					Refusal @ 17'	
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-10B**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	*on the east portion in the fromt of the office*
Date:	2/15/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	50%	Brown Fine to Medimun Sand	No odor or staining
2	0		Medium Moist			No odor or staining
3	0		Medium Moist			No odor or staining
4	0		Medium Moist		Brown Medimun Sand with siome weathered bedrock	No odor or staining
5	0		Medium Moist			No odor or staining
6	8.8		Medium Moist	90%		No odor or staining
7	8.8		Medium Moist			No odor or staining
8	8.8		Medium Moist			Petroleum Odor
9	238.9		Wet		Dark Weathered Bedrock	Petroleum Odor
10	238.9		Wet			Petroleum Odor
11					End of Boring @ 10'	
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-11**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	
Date:	2/14/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	60%	Urban fill	No odor or staining
2	0		Medium Moist			No odor or staining
3	0		Medium Moist		Weathered Bedrock	No odor or staining
4	0		Medium Moist			No odor or staining
5					Refusal @ 4"	
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-12**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Handauger	Comments:	
Date:	2/15/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	80%	6" concrete on the top. Weathered bedrock underneath	No odor or staining
2	0		Medium Moist		End of Boring @ 2'	No odor or staining
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-13**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	
Date:	2/14/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	100%	Urban fill	No odor staining
2	0		Medium Moist			No odor staining
3	0		Medium Moist		Brown Medium Sand with some Weathered Bedrock	No odor staining
4	0		Medium Moist			No odor staining
5	0		Medium Moist			No odor staining
6	0.4		Medium Moist	90%	Brown Medium Sand with some Weathered Bedrock	No odor staining
7	0.4		Medium Moist			No odor staining
8	0.4		Medium Moist			No odor staining
9	5.7		Wet			No odor staining
10	55.8		Wet		Dark Medium Sand With some weathered Bedrock	No odor staining
11	0		Wet		Dark Weathered Bedrock	No odor staining
12	0		Wet			No odor staining
13					Refusal @ 12'	
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-14**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	
Date:	2/14/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	100%	Urban fill	No odor or staining
2	0		Medium Moist			No odor or staining
3	0		Medium Moist		Brown Clay	No odor or staining
4	0		Medium Moist			No odor or staining
5	0		Medium Moist		Brown Medium Sand with some Weathered Bedrock	No odor or staining
6	0		Medium Moist	90%		No odor or staining
7	0		Medium Moist			No odor or staining
8	0		Wet			No odor or staining
9	0		Wet			No odor or staining
10	0		Wet			No odor or staining
11	0		Wet		Dark Weathered Bedrock	No odor or staining
12	0		Medium Moist			No odor or staining
13	0		Medium Moist			No odor or staining
14	0		Medium Moist			No odor or staining
15	0		Medium Moist			No odor or staining
16					End of Boring @ 15'	
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-15**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	
Date:	2/14/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	50%	Dark Corse Sand, Urban fill	No odor or staining
2	0		Medium Moist			No odor or staining
3	0		Medium Moist		Brown Coarse Sand With some Pebbles	No odor or staining
4	0		Medium Moist			No odor or staining
5	0		Medium Moist			No odor or staining
6	0		Medium Moist	80%	Brown Coarse Sand With some weathered Bedrock	No odor or staining
7	0		Medium Moist			No odor or staining
8	0		Wet			No odor or staining
9	0		Wet			No odor or staining
10					End of Boring @ 10'	
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-16**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	
Date:	2/14/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	50%	Dark Corse Sand, Urban fill	No odor or staining
2	0		Medium Moist			No odor or staining
3	0		Medium Moist			No odor or staining
4	0		Medium Moist			No odor or staining
5	0		Medium Moist		Dark Coarse Sand	No odor or staining
6	0		Medium Moist	80%	Dark Weathered Bedrock	No odor or staining
7	0		Medium Moist			No odor or staining
8	0		Medium Moist			No odor or staining
9	0		Medium Moist			No odor or staining
10	0		Medium Moist			No odor or staining
11	0		Wet	80%	Dark Weathered Bedrock	No odor or staining
12	0		Wet			No odor or staining
13	0		Wet			No odor or staining
14					End of Boring @ 13'	
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-17**	CIDER ENVIRONMENTAL
Project #:	2015-188			
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ	
Installer:	CE	Checked By:	WF	
Method:	Handauger	Comments:		
Date:	2/15/2017			

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	80%	6" concrete on the top. Brown Medium sand underneath	No odor or staining
2	0		Medium Moist		End of Boring @ 2'	No odor or staining
3						
4						
5						
6						
7						
8						
9						
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11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-18**	CIDER ENVIRONMENTAL
Project #:	2015-188			
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ	
Installer:	CE	Checked By:	WF	
Method:	Handauger	Comments:		
Date:	2/15/2017			

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	80%	6" concrete on the top. Brown Medium sand underneath	No odor or staining
2	0		Medium Moist		End of Boring @ 2'	No odor or staining
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
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14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-19**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Handauger	Comments:	
Date:	2/15/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	80%	6" concrete on the top. Dark Medium sand underneath	No odor or staining
2	0		Medium Moist		End of Boring @ 2'	No odor or staining
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-20**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	
Date:	2/14/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0.4		Medium Moist		Urbanfill	No odor or staining
2	0.4		Medium Moist		End of boring @ 2'	No odor or staining
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-21**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	
Date:	2/15/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	80%	Urbanfill	No odor or staining
2	0		Medium Moist			No odor or staining
3					End of Boring @ 2"	
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
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21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-22**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	
Date:	2/15/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	80%	Urbanfill	No odor or staining
2	0		Medium Moist			No odor or staining
3					End of Boring @ 2"	
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
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18						
19						
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21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-23**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	
Date:	2/15/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	80%	Urbanfill	No odor or staining
2	0		Medium Moist			No odor or staining
3					End of Boring @ 2'	
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
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20						
21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Site Location:	381-393 Huguenot St. New Rochelle, NY	Boring No.:	**SB-24**
Project #:	2015-188		
Client:	Chechile Realty and 381-383 Huguenot LLC	Logged By:	SZ
Installer:	CE	Checked By:	WF
Method:	Geoprobe	Comments:	
Date:	2/15/2017		

depth (feet)	PID (ppm)	Sample	Moisture Content	Recovery	Soil Classification	Remarks
1	0		Medium Moist	80%	Urbanfill	No odor or staining
2	0		Medium Moist			No odor or staining
3					End of Boring @ 2'	
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
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21						
22						
23						
24						
25						

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

APPENDIX B

Laboratory Analysis Report

PHOENIX
Environmental Laboratories, Inc.

Thursday, February 23, 2017

Attn: Mr. Wenqing Fang, Principal
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Project ID: 383 HUGUENOT
Sample ID#s: BX70270 - BX70284

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

February 23, 2017

SDG I.D.: GBX70270

SIM Analysis:
The lowest possible reporting limit under SIM conditions is 0.02 ug/L. The NY TOGS GA criteria for some PAHs is 0.002 ug/L. This level can not be achieved.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

February 23, 2017

FOR: Attn: Mr. Wenqing Fang, Principal
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		02/15/17	
Location Code:	CIDER-ENV	Received by:	LB	02/16/17	17:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBX70270
Phoenix ID: BX70270

Project ID: 383 HUGUENOT
Client ID: GW-6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				02/17/17	P/D	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	20	1.0	ug/L	1	02/17/17	MH	SW8260C
1,3,5-Trimethylbenzene	6.0	1.0	ug/L	1	02/17/17	MH	SW8260C
Benzene	ND	0.70	ug/L	1	02/17/17	MH	SW8260C
Ethylbenzene	5.9	1.0	ug/L	1	02/17/17	MH	SW8260C
Isopropylbenzene	3.8	1.0	ug/L	1	02/17/17	MH	SW8260C
m&p-Xylene	5.6	2.0	ug/L	1	02/17/17	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	02/17/17	MH	SW8260C
Naphthalene	23	1.0	ug/L	1	02/17/17	MH	SW8260C
n-Butylbenzene	1.5	1.0	ug/L	1	02/17/17	MH	SW8260C
n-Propylbenzene	5.9	1.0	ug/L	1	02/17/17	MH	SW8260C
o-Xylene	ND	2.0	ug/L	1	02/17/17	MH	SW8260C
p-Isopropyltoluene	1.1	1.0	ug/L	1	02/17/17	MH	SW8260C
sec-Butylbenzene	2.7	1.0	ug/L	1	02/17/17	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	02/17/17	MH	SW8260C
Toluene	ND	1.0	ug/L	1	02/17/17	MH	SW8260C
Total Xylenes	5.6	2.0	ug/L	1	02/17/17	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	02/17/17	MH	70 - 130 %
% Bromofluorobenzene	98		%	1	02/17/17	MH	70 - 130 %
% Dibromofluoromethane	103		%	1	02/17/17	MH	70 - 130 %
% Toluene-d8	101		%	1	02/17/17	MH	70 - 130 %
Semivolatiles by SIM							
2-Methylnaphthalene	220	2.1	ug/L	20	02/22/17	DD	SW8270D (SIM)
Acenaphthene	20	2.1	ug/L	20	02/21/17	DD	SW8270D (SIM)

Project ID: 383 HUGUENOT
Client ID: GW-6

Phoenix I.D.: BX70270

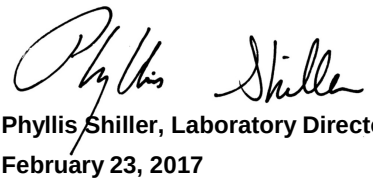
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	7.4	2.1	ug/L	20	02/21/17	DD	SW8270D (SIM)
Anthracene	7.0	2.1	ug/L	20	02/21/17	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.42	ug/L	20	02/21/17	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.42	ug/L	20	02/21/17	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.42	ug/L	20	02/21/17	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	2.1	ug/L	20	02/21/17	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.42	ug/L	20	02/21/17	DD	SW8270D (SIM)
Chrysene	0.57	0.42	ug/L	20	02/21/17	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.21	ug/L	20	02/21/17	DD	SW8270D (SIM)
Fluoranthene	ND	2.1	ug/L	20	02/21/17	DD	SW8270D (SIM)
Fluorene	27	2.1	ug/L	20	02/21/17	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.42	ug/L	20	02/21/17	DD	SW8270D (SIM)
Naphthalene	68	2.1	ug/L	20	02/21/17	DD	SW8270D (SIM)
Phenanthrene	59	1.5	ug/L	20	02/21/17	DD	SW8270D (SIM)
Pyrene	3.8	2.1	ug/L	20	02/21/17	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	Diluted Out		%	20	02/21/17	DD	30 - 130 %
% Nitrobenzene-d5	Diluted Out		%	20	02/21/17	DD	30 - 130 %
% Terphenyl-d14	Diluted Out		%	20	02/21/17	DD	30 - 130 %

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:

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.

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



Phyllis Shiller, Laboratory Director
February 23, 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

February 23, 2017

FOR: Attn: Mr. Wenqing Fang, Principal
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		02/15/17	
Location Code:	CIDER-ENV	Received by:	LB	02/16/17	17:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBX70270
Phoenix ID: BX70271

Project ID: 383 HUGUENOT
Client ID: GW-7

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				02/17/17	P/D	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	02/17/17	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	02/17/17	MH	SW8260C
Benzene	ND	0.70	ug/L	1	02/17/17	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	02/17/17	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	02/17/17	MH	SW8260C
m&p-Xylene	ND	2.0	ug/L	1	02/17/17	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	02/17/17	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	02/17/17	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	02/17/17	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	02/17/17	MH	SW8260C
o-Xylene	ND	2.0	ug/L	1	02/17/17	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	02/17/17	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	02/17/17	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	02/17/17	MH	SW8260C
Toluene	ND	1.0	ug/L	1	02/17/17	MH	SW8260C
Total Xylenes	ND	2.0	ug/L	1	02/17/17	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	02/17/17	MH	70 - 130 %
% Bromofluorobenzene	97		%	1	02/17/17	MH	70 - 130 %
% Dibromofluoromethane	103		%	1	02/17/17	MH	70 - 130 %
% Toluene-d8	99		%	1	02/17/17	MH	70 - 130 %
Semivolatiles by SIM							
2-Methylnaphthalene	0.57	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)
Acenaphthene	ND	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)

Project ID: 383 HUGUENOT
Client ID: GW-7

Phoenix I.D.: BX70271

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)
Anthracene	ND	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	02/21/17	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	02/21/17	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	02/21/17	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	02/21/17	DD	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	02/21/17	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.01	ug/L	1	02/21/17	DD	SW8270D (SIM)
Fluoranthene	ND	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)
Fluorene	0.10	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	02/21/17	DD	SW8270D (SIM)
Naphthalene	ND	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)
Phenanthrene	0.11	0.07	ug/L	1	02/21/17	DD	SW8270D (SIM)
Pyrene	ND	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	51		%	1	02/21/17	DD	30 - 130 %
% Nitrobenzene-d5	40		%	1	02/21/17	DD	30 - 130 %
% Terphenyl-d14	70		%	1	02/21/17	DD	30 - 130 %

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:

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

Phyllis Shiller, Laboratory Director
February 23, 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

February 23, 2017

FOR: Attn: Mr. Wenqing Fang, Principal
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		02/15/17	
Location Code:	CIDER-ENV	Received by:	LB	02/16/17	17:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBX70270
Phoenix ID: BX70272

Project ID: 383 HUGUENOT
Client ID: GW-8

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				02/17/17	P/D	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	02/16/17	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	02/16/17	MH	SW8260C
Benzene	ND	0.70	ug/L	1	02/16/17	MH	SW8260C
Ethylbenzene	3.7	1.0	ug/L	1	02/16/17	MH	SW8260C
Isopropylbenzene	3.5	1.0	ug/L	1	02/16/17	MH	SW8260C
m&p-Xylene	ND	2.0	ug/L	1	02/16/17	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	02/16/17	MH	SW8260C
Naphthalene	1.7	1.0	ug/L	1	02/16/17	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	02/16/17	MH	SW8260C
n-Propylbenzene	2.7	1.0	ug/L	1	02/16/17	MH	SW8260C
o-Xylene	ND	2.0	ug/L	1	02/16/17	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	02/16/17	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	02/16/17	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	02/16/17	MH	SW8260C
Toluene	ND	1.0	ug/L	1	02/16/17	MH	SW8260C
Total Xylenes	ND	2.0	ug/L	1	02/16/17	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	02/16/17	MH	70 - 130 %
% Bromofluorobenzene	97		%	1	02/16/17	MH	70 - 130 %
% Dibromofluoromethane	101		%	1	02/16/17	MH	70 - 130 %
% Toluene-d8	99		%	1	02/16/17	MH	70 - 130 %
Semivolatiles by SIM							
2-Methylnaphthalene	1.2	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)
Acenaphthene	ND	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)

Project ID: 383 HUGUENOT
Client ID: GW-8

Phoenix I.D.: BX70272

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)
Anthracene	ND	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	02/21/17	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	02/21/17	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	02/21/17	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	02/21/17	DD	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	02/21/17	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.01	ug/L	1	02/21/17	DD	SW8270D (SIM)
Fluoranthene	ND	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)
Fluorene	ND	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	02/21/17	DD	SW8270D (SIM)
Naphthalene	0.65	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)
Phenanthrene	ND	0.07	ug/L	1	02/21/17	DD	SW8270D (SIM)
Pyrene	ND	0.10	ug/L	1	02/21/17	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	49		%	1	02/21/17	DD	30 - 130 %
% Nitrobenzene-d5	46		%	1	02/21/17	DD	30 - 130 %
% Terphenyl-d14	78		%	1	02/21/17	DD	30 - 130 %

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:

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

Phyllis Shiller, Laboratory Director
February 23, 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

February 23, 2017

FOR: Attn: Mr. Wenqing Fang, Principal
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/14/17	
Location Code:	CIDER-ENV	Received by:	LB	02/16/17	17:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBX70270
Phoenix ID: BX70273

Project ID: 383 HUGUENOT
Client ID: SB-9B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.35	0.35	mg/Kg	1	02/18/17	LK	SW6010C	
Aluminum	22900	530	mg/Kg	100	02/22/17	LK	SW6010C	
Arsenic	0.79	0.71	mg/Kg	1	02/18/17	LK	SW6010C	
Barium	223	0.35	mg/Kg	1	02/18/17	LK	SW6010C	
Beryllium	0.43	0.28	mg/Kg	1	02/18/17	LK	SW6010C	
Calcium	1620	5.3	mg/Kg	1	02/20/17	TH	SW6010C	
Cadmium	< 0.35	0.35	mg/Kg	1	02/18/17	LK	SW6010C	
Cobalt	22.4	0.35	mg/Kg	1	02/18/17	LK	SW6010C	
Chromium	75.6	0.35	mg/Kg	1	02/18/17	LK	SW6010C	
Copper	55.0	0.35	mg/kg	1	02/18/17	LK	SW6010C	
Iron	40100	53	mg/Kg	10	02/20/17	LK	SW6010C	
Mercury	< 0.03	0.03	mg/Kg	1	02/21/17	RS	SW7471B	
Potassium	14900	530	mg/Kg	100	02/22/17	LK	SW6010C	
Magnesium	10600	53	mg/Kg	10	02/20/17	TH	SW6010C	
Manganese	829	3.5	mg/Kg	10	02/20/17	TH	SW6010C	
Sodium	465	5.3	mg/Kg	1	02/18/17	LK	SW6010C	B
Nickel	58.3	0.35	mg/Kg	1	02/18/17	LK	SW6010C	
Lead	1.47	0.35	mg/Kg	1	02/18/17	LK	SW6010C	
Antimony	< 3.5	3.5	mg/Kg	1	02/18/17	LK	SW6010C	
Selenium	< 1.4	1.4	mg/Kg	1	02/20/17	LK	SW6010C	
Thallium	< 3.2	3.2	mg/Kg	1	02/18/17	LK	SW6010C	
Vanadium	58.3	0.35	mg/Kg	1	02/18/17	LK	SW6010C	
Zinc	81.7	0.35	mg/Kg	1	02/18/17	LK	SW6010C	
Percent Solid	85		%		02/16/17	Q	SW846-%Solid	
Soil Extraction for PCB	Completed				02/16/17	JC/V	SW3545A	
Soil Extraction for SVOA	Completed				02/16/17	JJ/CKV	SW3545A	
Mercury Digestion	Completed				02/20/17	Q/Q	SW7471B	
Total Metals Digest	Completed				02/17/17	Z/AG/BF	SW3050B	

Ver 1

Project ID: 383 HUGUENOT
Client ID: SB-9B

Phoenix I.D.: BX70273

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction of TPH SM	Completed				02/16/17	CC/CKV	SW3545A
Polychlorinated Biphenyls							
PCB-1016	ND	77	ug/Kg	2	02/20/17	AW	SW8082A
PCB-1221	ND	77	ug/Kg	2	02/20/17	AW	SW8082A
PCB-1232	ND	77	ug/Kg	2	02/20/17	AW	SW8082A
PCB-1242	ND	77	ug/Kg	2	02/20/17	AW	SW8082A
PCB-1248	ND	77	ug/Kg	2	02/20/17	AW	SW8082A
PCB-1254	ND	77	ug/Kg	2	02/20/17	AW	SW8082A
PCB-1260	ND	77	ug/Kg	2	02/20/17	AW	SW8082A
PCB-1262	ND	77	ug/Kg	2	02/20/17	AW	SW8082A
PCB-1268	ND	77	ug/Kg	2	02/20/17	AW	SW8082A
QA/QC Surrogates							
% DCBP	113		%	2	02/20/17	AW	30 - 150 %
% TCMX	73		%	2	02/20/17	AW	30 - 150 %
TPH DRO (C10-C28)							
Diesel Range Organics (C10-C28)	ND	59	mg/Kg	1	02/18/17	JRB	SW8015D DRO
QA/QC Surrogates							
% n-Pentacosane	78		%	1	02/18/17	JRB	50 - 150 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Diphenylhydrazine	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
1,3-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,4-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dimethylphenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrophenol	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrotoluene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,6-Dinitrotoluene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Chloronaphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Chlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylnaphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitroaniline	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitrophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
3,3'-Dichlorobenzidine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
3-Nitroaniline	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
4-Bromophenyl phenyl ether	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloroaniline	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitroaniline	ND	620	ug/Kg	1	02/17/17	DD	SW8270D

Project ID: 383 HUGUENOT
Client ID: SB-9B

Phoenix I.D.: BX70273

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Nitrophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Acenaphthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Acenaphthylene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Acetophenone	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Aniline	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benz(a)anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzidine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(a)pyrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(ghi)perylene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzoic acid	ND	780	ug/Kg	1	02/17/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Carbazole	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Chrysene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenzofuran	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Diethyl phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dimethylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-butylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-octylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Fluoranthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Fluorene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobutadiene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorocyclopentadiene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachloroethane	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Isophorone	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Naphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Nitrobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodimethylamine	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodiphenylamine	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachloronitrobenzene	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachlorophenol	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Phenanthrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Phenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Pyrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Pyridine	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	67		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorobiphenyl	62		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorophenol	50		%	1	02/17/17	DD	30 - 130 %	

Ver 1

Project ID: 383 HUGUENOT
Client ID: SB-9B

Phoenix I.D.: BX70273

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Nitrobenzene-d5	61		%	1	02/17/17	DD	30 - 130 %
% Phenol-d5	60		%	1	02/17/17	DD	30 - 130 %
% Terphenyl-d14	69		%	1	02/17/17	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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.

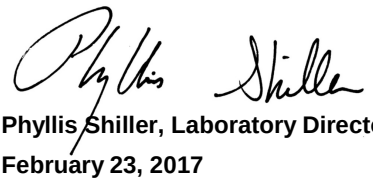
Comments:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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
February 23, 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

February 23, 2017

FOR: Attn: Mr. Wenqing Fang, Principal
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/15/17	
Location Code:	CIDER-ENV	Received by:	LB	02/16/17	17:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBX70270
Phoenix ID: BX70274

Project ID: 383 HUGUENOT
Client ID: SB-10B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.38	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Aluminum	10600	58	mg/Kg	10	02/20/17	TH	SW6010C	
Arsenic	1.64	0.77	mg/Kg	1	02/18/17	LK	SW6010C	
Barium	77.7	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Beryllium	< 0.31	0.31	mg/Kg	1	02/18/17	LK	SW6010C	
Calcium	1250	5.8	mg/Kg	1	02/20/17	TH	SW6010C	
Cadmium	< 0.38	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Cobalt	9.49	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Chromium	29.5	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Copper	17.4	0.38	mg/kg	1	02/18/17	LK	SW6010C	
Iron	17300	58	mg/Kg	10	02/20/17	LK	SW6010C	
Mercury	< 0.03	0.03	mg/Kg	1	02/21/17	RS	SW7471B	
Potassium	3450	5.8	mg/Kg	1	02/18/17	LK	SW6010C	
Magnesium	3340	5.8	mg/Kg	1	02/18/17	LK	SW6010C	
Manganese	426	3.8	mg/Kg	10	02/20/17	TH	SW6010C	
Sodium	182	5.8	mg/Kg	1	02/18/17	LK	SW6010C	B
Nickel	40.8	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Lead	2.78	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Antimony	< 3.8	3.8	mg/Kg	1	02/18/17	LK	SW6010C	
Selenium	< 1.5	1.5	mg/Kg	1	02/20/17	TH	SW6010C	
Thallium	< 3.5	3.5	mg/Kg	1	02/18/17	LK	SW6010C	
Vanadium	27.6	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Zinc	29.6	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Percent Solid	89		%		02/16/17	Q	SW846-%Solid	
Soil Extraction for PCB	Completed				02/16/17	JC/V	SW3545A	
Soil Extraction for SVOA	Completed				02/16/17	JJ/CKV	SW3545A	
Mercury Digestion	Completed				02/20/17	Q/Q	SW7471B	
Total Metals Digest	Completed				02/17/17	Z/AG/BF	SW3050B	

Ver 1

Project ID: 383 HUGUENOT
Client ID: SB-10B

Phoenix I.D.: BX70274

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction of TPH SM	Completed				02/16/17	CC/CKV	SW3545A
Polychlorinated Biphenyls							
PCB-1016	ND	73	ug/Kg	2	02/18/17	AW	SW8082A
PCB-1221	ND	73	ug/Kg	2	02/18/17	AW	SW8082A
PCB-1232	ND	73	ug/Kg	2	02/18/17	AW	SW8082A
PCB-1242	ND	73	ug/Kg	2	02/18/17	AW	SW8082A
PCB-1248	ND	73	ug/Kg	2	02/18/17	AW	SW8082A
PCB-1254	ND	73	ug/Kg	2	02/18/17	AW	SW8082A
PCB-1260	ND	73	ug/Kg	2	02/18/17	AW	SW8082A
PCB-1262	ND	73	ug/Kg	2	02/18/17	AW	SW8082A
PCB-1268	ND	73	ug/Kg	2	02/18/17	AW	SW8082A
QA/QC Surrogates							
% DCBP	75		%	2	02/18/17	AW	30 - 150 %
% TCMX	57		%	2	02/18/17	AW	30 - 150 %
TPH DRO (C10-C28)							
Diesel Range Organics (C10-C28)	ND	54	mg/Kg	1	02/18/17	JRB	SW8015D DRO
QA/QC Surrogates							
% n-Pentacosane	92		%	1	02/18/17	JRB	50 - 150 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Dichlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Diphenylhydrazine	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
1,3-Dichlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
1,4-Dichlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dichlorophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dimethylphenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrophenol	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrotoluene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,6-Dinitrotoluene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Chloronaphthalene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Chlorophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylnaphthalene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitroaniline	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitrophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
3,3'-Dichlorobenzidine	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
3-Nitroaniline	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
4-Bromophenyl phenyl ether	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloroaniline	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitroaniline	ND	600	ug/Kg	1	02/17/17	DD	SW8270D

Project ID: 383 HUGUENOT
Client ID: SB-10B

Phoenix I.D.: BX70274

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Nitrophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Acenaphthene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Acenaphthylene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Acetophenone	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Aniline	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Anthracene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benz(a)anthracene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzidine	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(a)pyrene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(ghi)perylene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzoic acid	ND	750	ug/Kg	1	02/17/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Carbazole	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Chrysene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenzofuran	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Diethyl phthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Dimethylphthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-butylphthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-octylphthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Fluoranthene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Fluorene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobutadiene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorocyclopentadiene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachloroethane	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Isophorone	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Naphthalene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Nitrobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodimethylamine	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodiphenylamine	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachloronitrobenzene	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachlorophenol	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Phenanthrene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Phenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Pyrene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Pyridine	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	68		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorobiphenyl	62		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorophenol	47		%	1	02/17/17	DD	30 - 130 %	

Ver 1

Project ID: 383 HUGUENOT
Client ID: SB-10B

Phoenix I.D.: BX70274

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Nitrobenzene-d5	62		%	1	02/17/17	DD	30 - 130 %
% Phenol-d5	59		%	1	02/17/17	DD	30 - 130 %
% Terphenyl-d14	68		%	1	02/17/17	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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.

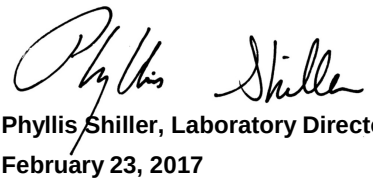
Comments:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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
February 23, 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

February 23, 2017

FOR: Attn: Mr. Wenqing Fang, Principal
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/15/17	
Location Code:	CIDER-ENV	Received by:	LB	02/16/17	17:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBX70270
Phoenix ID: BX70275

Project ID: 383 HUGUENOT
Client ID: SB-17

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.38	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Aluminum	14900	57	mg/Kg	10	02/20/17	TH	SW6010C	
Arsenic	3.94	0.76	mg/Kg	1	02/18/17	LK	SW6010C	
Barium	58.4	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Beryllium	0.54	0.30	mg/Kg	1	02/18/17	LK	SW6010C	
Calcium	3020	5.7	mg/Kg	1	02/20/17	TH	SW6010C	
Cadmium	< 0.38	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Cobalt	11.4	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Chromium	43.2	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Copper	27.5	0.38	mg/kg	1	02/18/17	LK	SW6010C	
Iron	24400	57	mg/Kg	10	02/20/17	LK	SW6010C	
Mercury	< 0.03	0.03	mg/Kg	1	02/21/17	RS	SW7471B	
Potassium	1890	5.7	mg/Kg	1	02/18/17	LK	SW6010C	
Magnesium	4370	5.7	mg/Kg	1	02/18/17	LK	SW6010C	
Manganese	651	3.8	mg/Kg	10	02/20/17	TH	SW6010C	
Sodium	78.7	5.7	mg/Kg	1	02/18/17	LK	SW6010C	B
Nickel	39.0	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Lead	8.96	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Antimony	< 3.8	3.8	mg/Kg	1	02/18/17	LK	SW6010C	
Selenium	< 1.5	1.5	mg/Kg	1	02/20/17	LK	SW6010C	
Thallium	< 3.4	3.4	mg/Kg	1	02/18/17	LK	SW6010C	
Vanadium	35.3	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Zinc	38.5	0.38	mg/Kg	1	02/18/17	LK	SW6010C	
Percent Solid	86		%		02/16/17	Q	SW846-%Solid	
Soil Extraction for PCB	Completed				02/16/17	JC/V	SW3545A	
Soil Extraction for SVOA	Completed				02/16/17	JJ/CKV	SW3545A	
Mercury Digestion	Completed				02/20/17	Q/Q	SW7471B	
Total Metals Digest	Completed				02/17/17	Z/AG/BF	SW3050B	

Ver 1

Project ID: 383 HUGUENOT
Client ID: SB-17

Phoenix I.D.: BX70275

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	77	ug/Kg	2	02/18/17	AW	SW8082A
PCB-1221	ND	77	ug/Kg	2	02/18/17	AW	SW8082A
PCB-1232	ND	77	ug/Kg	2	02/18/17	AW	SW8082A
PCB-1242	ND	77	ug/Kg	2	02/18/17	AW	SW8082A
PCB-1248	ND	77	ug/Kg	2	02/18/17	AW	SW8082A
PCB-1254	ND	77	ug/Kg	2	02/18/17	AW	SW8082A
PCB-1260	ND	77	ug/Kg	2	02/18/17	AW	SW8082A
PCB-1262	ND	77	ug/Kg	2	02/18/17	AW	SW8082A
PCB-1268	ND	77	ug/Kg	2	02/18/17	AW	SW8082A
QA/QC Surrogates							
% DCBP	82		%	2	02/18/17	AW	30 - 150 %
% TCMX	66		%	2	02/18/17	AW	30 - 150 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Diphenylhydrazine	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
1,3-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,4-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dimethylphenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrophenol	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrotoluene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,6-Dinitrotoluene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Chloronaphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Chlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylnaphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitroaniline	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitrophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
3,3'-Dichlorobenzidine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
3-Nitroaniline	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
4-Bromophenyl phenyl ether	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloroaniline	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitroaniline	ND	610	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitrophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthylene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
Acetophenone	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
Aniline	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
Anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D

Project ID: 383 HUGUENOT
Client ID: SB-17

Phoenix I.D.: BX70275

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Benz(a)anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzidine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(a)pyrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(ghi)perylene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzoic acid	ND	760	ug/Kg	1	02/17/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Carbazole	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
Chrysene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenzofuran	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Diethyl phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dimethylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-butylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-octylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Fluoranthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Fluorene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobutadiene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorocyclopentadiene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachloroethane	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Isophorone	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Naphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Nitrobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodimethylamine	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodiphenylamine	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachloronitrobenzene	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachlorophenol	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
Phenanthrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Phenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Pyrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Pyridine	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	60		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorobiphenyl	60		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorophenol	43		%	1	02/17/17	DD	30 - 130 %	
% Nitrobenzene-d5	59		%	1	02/17/17	DD	30 - 130 %	
% Phenol-d5	55		%	1	02/17/17	DD	30 - 130 %	
% Terphenyl-d14	62		%	1	02/17/17	DD	30 - 130 %	

Project ID: 383 HUGUENOT
Client ID: SB-17

Phoenix I.D.: BX70275

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.
B = Present in blank, no bias suspected.

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:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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
February 23, 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

February 23, 2017

FOR: Attn: Mr. Wenqing Fang, Principal
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/15/17	
Location Code:	CIDER-ENV	Received by:	LB	02/16/17	17:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBX70270
Phoenix ID: BX70276

Project ID: 383 HUGUENOT
Client ID: SB-18

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.39	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Aluminum	15800	59	mg/Kg	10	02/20/17	TH	SW6010C	
Arsenic	5.30	0.78	mg/Kg	1	02/18/17	LK	SW6010C	
Barium	75.0	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Beryllium	0.39	0.31	mg/Kg	1	02/18/17	LK	SW6010C	
Calcium	5230	5.9	mg/Kg	1	02/20/17	TH	SW6010C	
Cadmium	0.42	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Cobalt	10.7	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Chromium	30.1	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Copper	39.4	0.39	mg/kg	1	02/18/17	LK	SW6010C	
Iron	23800	59	mg/Kg	10	02/20/17	LK	SW6010C	
Mercury	0.15	0.03	mg/Kg	1	02/21/17	RS	SW7471B	
Potassium	1540	5.9	mg/Kg	1	02/18/17	LK	SW6010C	
Magnesium	4860	5.9	mg/Kg	1	02/18/17	LK	SW6010C	
Manganese	472	3.9	mg/Kg	10	02/20/17	TH	SW6010C	
Sodium	164	5.9	mg/Kg	1	02/18/17	LK	SW6010C	B
Nickel	30.3	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Lead	147	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Antimony	< 3.9	3.9	mg/Kg	1	02/18/17	LK	SW6010C	
Selenium	< 1.6	1.6	mg/Kg	1	02/20/17	LK	SW6010C	
Thallium	< 3.5	3.5	mg/Kg	1	02/18/17	LK	SW6010C	
Vanadium	34.9	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Zinc	126	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Percent Solid	85		%		02/16/17	Q	SW846-%Solid	
Soil Extraction for PCB	Completed				02/16/17	JC/V	SW3545A	
Soil Extraction for SVOA	Completed				02/16/17	JJ/CKV	SW3545A	
Mercury Digestion	Completed				02/20/17	Q/Q	SW7471B	
Total Metals Digest	Completed				02/17/17	Z/AG/BF	SW3050B	

Ver 1

Project ID: 383 HUGUENOT
Client ID: SB-18

Phoenix I.D.: BX70276

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	77	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1221	ND	77	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1232	ND	77	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1242	ND	77	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1248	ND	77	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1254	ND	77	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1260	ND	77	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1262	ND	77	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1268	ND	77	ug/Kg	2	02/17/17	AW	SW8082A
QA/QC Surrogates							
% DCBP	77		%	2	02/17/17	AW	30 - 150 %
% TCMX	62		%	2	02/17/17	AW	30 - 150 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Diphenylhydrazine	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
1,3-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,4-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dimethylphenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrophenol	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrotoluene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,6-Dinitrotoluene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Chloronaphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Chlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylnaphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitroaniline	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitrophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
3,3'-Dichlorobenzidine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
3-Nitroaniline	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
4-Bromophenyl phenyl ether	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloroaniline	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitroaniline	ND	630	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitrophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthylene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
Acetophenone	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
Aniline	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
Anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D

Project ID: 383 HUGUENOT
Client ID: SB-18

Phoenix I.D.: BX70276

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Benz(a)anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzidine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(a)pyrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(ghi)perylene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzoic acid	ND	780	ug/Kg	1	02/17/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Carbazole	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Chrysene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenzofuran	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Diethyl phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dimethylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-butylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-octylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Fluoranthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Fluorene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobutadiene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorocyclopentadiene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachloroethane	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Isophorone	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Naphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Nitrobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodimethylamine	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodiphenylamine	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachloronitrobenzene	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachlorophenol	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Phenanthrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Phenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Pyrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Pyridine	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	65		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorobiphenyl	62		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorophenol	45		%	1	02/17/17	DD	30 - 130 %	
% Nitrobenzene-d5	62		%	1	02/17/17	DD	30 - 130 %	
% Phenol-d5	57		%	1	02/17/17	DD	30 - 130 %	
% Terphenyl-d14	62		%	1	02/17/17	DD	30 - 130 %	

Project ID: 383 HUGUENOT
Client ID: SB-18

Phoenix I.D.: BX70276

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.
B = Present in blank, no bias suspected.

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:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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
February 23, 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

February 23, 2017

FOR: Attn: Mr. Wenqing Fang, Principal
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/15/17	
Location Code:	CIDER-ENV	Received by:	LB	02/16/17	17:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBX70270
Phoenix ID: BX70277

Project ID: 383 HUGUENOT
Client ID: SB-19

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.37	0.37	mg/Kg	1	02/18/17	LK	SW6010C	
Aluminum	13900	56	mg/Kg	10	02/20/17	TH	SW6010C	
Arsenic	4.45	0.75	mg/Kg	1	02/18/17	LK	SW6010C	
Barium	142	0.37	mg/Kg	1	02/18/17	LK	SW6010C	
Beryllium	0.45	0.30	mg/Kg	1	02/18/17	LK	SW6010C	
Calcium	3170	5.6	mg/Kg	1	02/20/17	TH	SW6010C	
Cadmium	< 0.37	0.37	mg/Kg	1	02/18/17	LK	SW6010C	
Cobalt	11.5	0.37	mg/Kg	1	02/18/17	LK	SW6010C	
Chromium	37.7	0.37	mg/Kg	1	02/18/17	LK	SW6010C	
Copper	26.8	0.37	mg/kg	1	02/18/17	LK	SW6010C	
Iron	20900	56	mg/Kg	10	02/20/17	LK	SW6010C	
Mercury	0.32	0.03	mg/Kg	1	02/21/17	RS	SW7471B	
Potassium	2310	5.6	mg/Kg	1	02/18/17	LK	SW6010C	
Magnesium	3950	5.6	mg/Kg	1	02/18/17	LK	SW6010C	
Manganese	584	3.7	mg/Kg	10	02/20/17	TH	SW6010C	
Sodium	143	5.6	mg/Kg	1	02/18/17	LK	SW6010C	B
Nickel	42.4	0.37	mg/Kg	1	02/18/17	LK	SW6010C	
Lead	495	3.7	mg/Kg	10	02/20/17	TH	SW6010C	
Antimony	< 3.7	3.7	mg/Kg	1	02/18/17	LK	SW6010C	
Selenium	2.8	1.5	mg/Kg	1	02/20/17	MA	SW6010C	
Thallium	< 3.4	3.4	mg/Kg	1	02/18/17	LK	SW6010C	
Vanadium	31.7	0.37	mg/Kg	1	02/18/17	LK	SW6010C	
Zinc	105	0.37	mg/Kg	1	02/18/17	LK	SW6010C	
Percent Solid	87		%		02/16/17	Q	SW846-%Solid	
Soil Extraction for PCB	Completed				02/16/17	JC/V	SW3545A	
Soil Extraction for SVOA	Completed				02/16/17	JJ/CKV	SW3545A	
Mercury Digestion	Completed				02/20/17	Q/Q	SW7471B	
Total Metals Digest	Completed				02/17/17	Z/AG/BF	SW3050B	

Ver 1

Project ID: 383 HUGUENOT
Client ID: SB-19

Phoenix I.D.: BX70277

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1221	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1232	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1242	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1248	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1254	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1260	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1262	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1268	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
QA/QC Surrogates							
% DCBP	111		%	2	02/17/17	AW	30 - 150 %
% TCMX	63		%	2	02/17/17	AW	30 - 150 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Dichlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Diphenylhydrazine	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
1,3-Dichlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
1,4-Dichlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dichlorophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dimethylphenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrophenol	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrotoluene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,6-Dinitrotoluene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Chloronaphthalene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Chlorophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylnaphthalene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitroaniline	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitrophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
3,3'-Dichlorobenzidine	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
3-Nitroaniline	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
4-Bromophenyl phenyl ether	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloroaniline	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitroaniline	ND	600	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitrophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
Acetophenone	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
Aniline	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
Anthracene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D

Project ID: 383 HUGUENOT
Client ID: SB-19

Phoenix I.D.: BX70277

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Benz(a)anthracene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzidine	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(a)pyrene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(ghi)perylene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzoic acid	ND	750	ug/Kg	1	02/17/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Carbazole	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
Chrysene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenzofuran	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Diethyl phthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Dimethylphthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-butylphthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-octylphthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Fluoranthene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Fluorene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobutadiene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorocyclopentadiene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachloroethane	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Isophorone	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Naphthalene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Nitrobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodimethylamine	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodiphenylamine	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachloronitrobenzene	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachlorophenol	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
Phenanthrene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Phenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Pyrene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Pyridine	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	74		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorobiphenyl	70		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorophenol	56		%	1	02/17/17	DD	30 - 130 %	
% Nitrobenzene-d5	70		%	1	02/17/17	DD	30 - 130 %	
% Phenol-d5	68		%	1	02/17/17	DD	30 - 130 %	
% Terphenyl-d14	73		%	1	02/17/17	DD	30 - 130 %	

Project ID: 383 HUGUENOT
Client ID: SB-19

Phoenix I.D.: BX70277

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.
B = Present in blank, no bias suspected.

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:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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
February 23, 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

February 23, 2017

FOR: Attn: Mr. Wenqing Fang, Principal
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/14/17	
Location Code:	CIDER-ENV	Received by:	LB	02/16/17	17:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBX70270
Phoenix ID: BX70278

Project ID: 383 HUGUENOT
Client ID: SB-14

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.41	0.41	mg/Kg	1	02/18/17	LK	SW6010C	
Aluminum	9680	61	mg/Kg	10	02/20/17	TH	SW6010C	
Arsenic	7.06	0.82	mg/Kg	1	02/18/17	LK	SW6010C	
Barium	301	0.41	mg/Kg	1	02/18/17	LK	SW6010C	
Beryllium	0.35	0.33	mg/Kg	1	02/18/17	LK	SW6010C	
Calcium	13600	61	mg/Kg	10	02/20/17	LK	SW6010C	
Cadmium	1.24	0.41	mg/Kg	1	02/18/17	LK	SW6010C	
Cobalt	10.0	0.41	mg/Kg	1	02/18/17	LK	SW6010C	
Chromium	24.9	0.41	mg/Kg	1	02/18/17	LK	SW6010C	
Copper	120	0.41	mg/kg	1	02/18/17	LK	SW6010C	
Iron	18800	61	mg/Kg	10	02/20/17	LK	SW6010C	
Mercury	0.74	0.03	mg/Kg	1	02/21/17	RS	SW7471B	
Potassium	3190	6.1	mg/Kg	1	02/18/17	LK	SW6010C	
Magnesium	5660	6.1	mg/Kg	1	02/18/17	LK	SW6010C	
Manganese	443	4.1	mg/Kg	10	02/20/17	TH	SW6010C	
Sodium	210	6.1	mg/Kg	1	02/18/17	LK	SW6010C	B
Nickel	24.7	0.41	mg/Kg	1	02/18/17	LK	SW6010C	
Lead	3210	41	mg/Kg	100	02/22/17	LK	SW6010C	
Antimony	24.7	4.1	mg/Kg	1	02/18/17	LK	SW6010C	
Selenium	< 1.6	1.6	mg/Kg	1	02/20/17	TH	SW6010C	
Thallium	< 3.7	3.7	mg/Kg	1	02/18/17	LK	SW6010C	
Vanadium	28.2	0.41	mg/Kg	1	02/18/17	LK	SW6010C	
Zinc	235	4.1	mg/Kg	10	02/20/17	TH	SW6010C	
Percent Solid	85		%		02/16/17	Q	SW846-%Solid	
Soil Extraction for PCB	Completed				02/16/17	JC/V	SW3545A	
Soil Extraction for SVOA	Completed				02/16/17	JJ/CKV	SW3545A	
Mercury Digestion	Completed				02/20/17	Q/Q	SW7471B	
Total Metals Digest	Completed				02/17/17	Z/AG/BF	SW3050B	

Ver 1

Project ID: 383 HUGUENOT
Client ID: SB-14

Phoenix I.D.: BX70278

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	78	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1221	ND	78	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1232	ND	78	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1242	ND	78	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1248	ND	78	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1254	ND	78	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1260	ND	78	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1262	ND	78	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1268	ND	78	ug/Kg	2	02/17/17	AW	SW8082A
QA/QC Surrogates							
% DCBP	90		%	2	02/17/17	AW	30 - 150 %
% TCMX	72		%	2	02/17/17	AW	30 - 150 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Diphenylhydrazine	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
1,3-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,4-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dimethylphenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrophenol	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrotoluene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,6-Dinitrotoluene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Chloronaphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Chlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylnaphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitroaniline	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitrophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
3,3'-Dichlorobenzidine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
3-Nitroaniline	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
4-Bromophenyl phenyl ether	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloroaniline	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitroaniline	ND	620	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitrophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthylene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
Acetophenone	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
Aniline	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
Anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D

Project ID: 383 HUGUENOT
Client ID: SB-14

Phoenix I.D.: BX70278

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Benz(a)anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzidine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(a)pyrene	330	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(b)fluoranthene	370	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(ghi)perylene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(k)fluoranthene	350	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzoic acid	ND	770	ug/Kg	1	02/17/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Carbazole	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Chrysene	330	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenzofuran	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Diethyl phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dimethylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-butylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-octylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Fluoranthene	450	270	ug/Kg	1	02/17/17	DD	SW8270D	
Fluorene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobutadiene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorocyclopentadiene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachloroethane	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Isophorone	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Naphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Nitrobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodimethylamine	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodiphenylamine	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachloronitrobenzene	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachlorophenol	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Phenanthrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Phenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Pyrene	440	270	ug/Kg	1	02/17/17	DD	SW8270D	
Pyridine	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	68		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorobiphenyl	63		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorophenol	47		%	1	02/17/17	DD	30 - 130 %	
% Nitrobenzene-d5	61		%	1	02/17/17	DD	30 - 130 %	
% Phenol-d5	57		%	1	02/17/17	DD	30 - 130 %	
% Terphenyl-d14	64		%	1	02/17/17	DD	30 - 130 %	

Project ID: 383 HUGUENOT
Client ID: SB-14

Phoenix I.D.: BX70278

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.
B = Present in blank, no bias suspected.

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:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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
February 23, 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

February 23, 2017

FOR: Attn: Mr. Wenqing Fang, Principal
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/14/17	
Location Code:	CIDER-ENV	Received by:	LB	02/16/17	17:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBX70270
Phoenix ID: BX70279

Project ID: 383 HUGUENOT
Client ID: SB-15

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.34	0.34	mg/Kg	1	02/18/17	LK	SW6010C	
Aluminum	11000	51	mg/Kg	10	02/20/17	TH	SW6010C	
Arsenic	3.19	0.69	mg/Kg	1	02/18/17	LK	SW6010C	
Barium	124	0.34	mg/Kg	1	02/18/17	LK	SW6010C	
Beryllium	0.34	0.27	mg/Kg	1	02/18/17	LK	SW6010C	
Calcium	7060	5.1	mg/Kg	1	02/20/17	TH	SW6010C	
Cadmium	0.62	0.34	mg/Kg	1	02/18/17	LK	SW6010C	
Cobalt	9.69	0.34	mg/Kg	1	02/18/17	LK	SW6010C	
Chromium	26.5	0.34	mg/Kg	1	02/18/17	LK	SW6010C	
Copper	52.6	0.34	mg/kg	1	02/18/17	LK	SW6010C	
Iron	18700	51	mg/Kg	10	02/20/17	LK	SW6010C	
Mercury	0.30	0.03	mg/Kg	1	02/21/17	RS	SW7471B	
Potassium	2490	5.1	mg/Kg	1	02/18/17	LK	SW6010C	
Magnesium	3830	5.1	mg/Kg	1	02/18/17	LK	SW6010C	
Manganese	576	3.4	mg/Kg	10	02/20/17	TH	SW6010C	
Sodium	228	5.1	mg/Kg	1	02/18/17	LK	SW6010C	B
Nickel	28.8	0.34	mg/Kg	1	02/18/17	LK	SW6010C	
Lead	250	3.4	mg/Kg	10	02/20/17	TH	SW6010C	
Antimony	< 3.4	3.4	mg/Kg	1	02/18/17	LK	SW6010C	
Selenium	< 1.4	1.4	mg/Kg	1	02/20/17	TH	SW6010C	
Thallium	< 3.1	3.1	mg/Kg	1	02/18/17	LK	SW6010C	
Vanadium	31.4	0.34	mg/Kg	1	02/18/17	LK	SW6010C	
Zinc	112	0.34	mg/Kg	1	02/18/17	LK	SW6010C	
Percent Solid	89		%		02/16/17	Q	SW846-%Solid	
Soil Extraction for PCB	Completed				02/16/17	JC/V	SW3545A	
Soil Extraction for SVOA	Completed				02/16/17	JJ/CKV	SW3545A	
Mercury Digestion	Completed				02/20/17	Q/Q	SW7471B	
Total Metals Digest	Completed				02/17/17	Z/AG/BF	SW3050B	

Ver 1

Project ID: 383 HUGUENOT
Client ID: SB-15

Phoenix I.D.: BX70279

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	74	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1221	ND	74	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1232	ND	74	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1242	ND	74	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1248	ND	74	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1254	ND	74	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1260	ND	74	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1262	ND	74	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1268	ND	74	ug/Kg	2	02/17/17	AW	SW8082A
QA/QC Surrogates							
% DCBP	87		%	2	02/17/17	AW	30 - 150 %
% TCMX	70		%	2	02/17/17	AW	30 - 150 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Dichlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Diphenylhydrazine	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
1,3-Dichlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
1,4-Dichlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dichlorophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dimethylphenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrophenol	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrotoluene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,6-Dinitrotoluene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Chloronaphthalene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Chlorophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylnaphthalene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitroaniline	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitrophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
3,3'-Dichlorobenzidine	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
3-Nitroaniline	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
4-Bromophenyl phenyl ether	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloroaniline	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitroaniline	ND	590	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitrophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
Acetophenone	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
Aniline	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
Anthracene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D

Project ID: 383 HUGUENOT
Client ID: SB-15

Phoenix I.D.: BX70279

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Benz(a)anthracene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzidine	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(a)pyrene	270	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(ghi)perylene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(k)fluoranthene	270	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzoic acid	ND	730	ug/Kg	1	02/17/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Carbazole	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Chrysene	270	260	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenzofuran	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Diethyl phthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Dimethylphthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-butylphthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-octylphthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Fluoranthene	380	260	ug/Kg	1	02/17/17	DD	SW8270D	
Fluorene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobutadiene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorocyclopentadiene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachloroethane	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Isophorone	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Naphthalene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Nitrobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodimethylamine	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodiphenylamine	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachloronitrobenzene	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachlorophenol	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Phenanthrene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Phenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Pyrene	370	260	ug/Kg	1	02/17/17	DD	SW8270D	
Pyridine	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	72		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorobiphenyl	70		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorophenol	54		%	1	02/17/17	DD	30 - 130 %	
% Nitrobenzene-d5	71		%	1	02/17/17	DD	30 - 130 %	
% Phenol-d5	65		%	1	02/17/17	DD	30 - 130 %	
% Terphenyl-d14	66		%	1	02/17/17	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.
B = Present in blank, no bias suspected.

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:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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
February 23, 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

February 23, 2017

FOR: Attn: Mr. Wenqing Fang, Principal
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/14/17	
Location Code:	CIDER-ENV	Received by:	LB	02/16/17	17:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBX70270
Phoenix ID: BX70280

Project ID: 383 HUGUENOT
Client ID: SB-16

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.43	0.43	mg/Kg	1	02/18/17	LK	SW6010C	
Aluminum	12700	64	mg/Kg	10	02/20/17	TH	SW6010C	
Arsenic	6.57	0.86	mg/Kg	1	02/18/17	LK	SW6010C	
Barium	211	0.43	mg/Kg	1	02/18/17	LK	SW6010C	
Beryllium	0.44	0.34	mg/Kg	1	02/18/17	LK	SW6010C	
Calcium	19800	64	mg/Kg	10	02/20/17	LK	SW6010C	
Cadmium	0.72	0.43	mg/Kg	1	02/18/17	LK	SW6010C	
Cobalt	11.2	0.43	mg/Kg	1	02/18/17	LK	SW6010C	
Chromium	30.5	0.43	mg/Kg	1	02/18/17	LK	SW6010C	
Copper	86.3	0.43	mg/kg	1	02/18/17	LK	SW6010C	
Iron	21500	64	mg/Kg	10	02/20/17	LK	SW6010C	
Mercury	0.37	0.04	mg/Kg	1	02/21/17	RS	SW7471B	
Potassium	2610	6.4	mg/Kg	1	02/18/17	LK	SW6010C	
Magnesium	9810	64	mg/Kg	10	02/20/17	TH	SW6010C	
Manganese	433	4.3	mg/Kg	10	02/20/17	TH	SW6010C	
Sodium	341	6.4	mg/Kg	1	02/18/17	LK	SW6010C	B
Nickel	30.4	0.43	mg/Kg	1	02/18/17	LK	SW6010C	
Lead	440	4.3	mg/Kg	10	02/20/17	TH	SW6010C	
Antimony	< 4.3	4.3	mg/Kg	1	02/18/17	LK	SW6010C	
Selenium	< 1.7	1.7	mg/Kg	1	02/20/17	TH	SW6010C	
Thallium	< 3.9	3.9	mg/Kg	1	02/18/17	LK	SW6010C	
Vanadium	35.0	0.43	mg/Kg	1	02/18/17	LK	SW6010C	
Zinc	246	4.3	mg/Kg	10	02/20/17	TH	SW6010C	
Percent Solid	72		%		02/16/17	Q	SW846-%Solid	
Soil Extraction for PCB	Completed				02/16/17	JC/V	SW3545A	
Soil Extraction for SVOA	Completed				02/16/17	JJ/CKV	SW3545A	
Mercury Digestion	Completed				02/20/17	Q/Q	SW7471B	
Total Metals Digest	Completed				02/17/17	Z/AG/BF	SW3050B	

Ver 1

Project ID: 383 HUGUENOT
Client ID: SB-16

Phoenix I.D.: BX70280

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	92	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1221	ND	92	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1232	ND	92	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1242	ND	92	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1248	ND	92	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1254	ND	92	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1260	ND	92	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1262	ND	92	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1268	ND	92	ug/Kg	2	02/17/17	AW	SW8082A
QA/QC Surrogates							
% DCBP	72		%	2	02/17/17	AW	30 - 150 %
% TCMX	61		%	2	02/17/17	AW	30 - 150 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
1,2,4-Trichlorobenzene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Dichlorobenzene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Diphenylhydrazine	ND	460	ug/Kg	1	02/17/17	DD	SW8270D
1,3-Dichlorobenzene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
1,4-Dichlorobenzene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dichlorophenol	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dimethylphenol	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrophenol	ND	460	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrotoluene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
2,6-Dinitrotoluene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
2-Chloronaphthalene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
2-Chlorophenol	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylnaphthalene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitroaniline	ND	460	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitrophenol	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	460	ug/Kg	1	02/17/17	DD	SW8270D
3,3'-Dichlorobenzidine	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
3-Nitroaniline	ND	460	ug/Kg	1	02/17/17	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	460	ug/Kg	1	02/17/17	DD	SW8270D
4-Bromophenyl phenyl ether	ND	460	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloro-3-methylphenol	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloroaniline	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitroaniline	ND	730	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitrophenol	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthylene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
Acetophenone	ND	320	ug/Kg	1	02/17/17	DD	SW8270D
Aniline	ND	460	ug/Kg	1	02/17/17	DD	SW8270D
Anthracene	1000	320	ug/Kg	1	02/17/17	DD	SW8270D

Project ID: 383 HUGUENOT
Client ID: SB-16

Phoenix I.D.: BX70280

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Benz(a)anthracene	5800	320	ug/Kg	1	02/17/17	DD	SW8270D	
Benzidine	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(a)pyrene	5800	320	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(b)fluoranthene	5600	320	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(ghi)perylene	2800	320	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(k)fluoranthene	5400	320	ug/Kg	1	02/17/17	DD	SW8270D	
Benzoic acid	ND	910	ug/Kg	1	02/17/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	460	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Carbazole	ND	460	ug/Kg	1	02/17/17	DD	SW8270D	
Chrysene	5800	320	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenz(a,h)anthracene	720	320	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenzofuran	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Diethyl phthalate	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Dimethylphthalate	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-butylphthalate	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-octylphthalate	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Fluoranthene	9800	320	ug/Kg	1	02/17/17	DD	SW8270D	
Fluorene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobenzene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobutadiene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorocyclopentadiene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachloroethane	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	3500	320	ug/Kg	1	02/17/17	DD	SW8270D	
Isophorone	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Naphthalene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Nitrobenzene	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodimethylamine	ND	460	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodiphenylamine	ND	460	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachloronitrobenzene	ND	460	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachlorophenol	ND	460	ug/Kg	1	02/17/17	DD	SW8270D	
Phenanthrene	4000	320	ug/Kg	1	02/17/17	DD	SW8270D	
Phenol	ND	320	ug/Kg	1	02/17/17	DD	SW8270D	
Pyrene	8800	320	ug/Kg	1	02/17/17	DD	SW8270D	
Pyridine	ND	460	ug/Kg	1	02/17/17	DD	SW8270D	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	63		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorobiphenyl	64		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorophenol	44		%	1	02/17/17	DD	30 - 130 %	
% Nitrobenzene-d5	67		%	1	02/17/17	DD	30 - 130 %	
% Phenol-d5	58		%	1	02/17/17	DD	30 - 130 %	
% Terphenyl-d14	62		%	1	02/17/17	DD	30 - 130 %	

Project ID: 383 HUGUENOT
Client ID: SB-16

Phoenix I.D.: BX70280

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.
B = Present in blank, no bias suspected.

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:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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
February 23, 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

February 23, 2017

FOR: Attn: Mr. Wenqing Fang, Principal
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/14/17	
Location Code:	CIDER-ENV	Received by:	LB	02/16/17	17:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBX70270
Phoenix ID: BX70281

Project ID: 383 HUGUENOT
Client ID: SB-20

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.36	0.36	mg/Kg	1	02/18/17	LK	SW6010C	
Aluminum	8030	54	mg/Kg	10	02/20/17	TH	SW6010C	
Arsenic	3.22	0.72	mg/Kg	1	02/18/17	LK	SW6010C	
Barium	238	0.36	mg/Kg	1	02/18/17	LK	SW6010C	
Beryllium	< 0.29	0.29	mg/Kg	1	02/18/17	LK	SW6010C	
Calcium	23100	54	mg/Kg	10	02/20/17	LK	SW6010C	
Cadmium	1.11	0.36	mg/Kg	1	02/18/17	LK	SW6010C	
Cobalt	11.5	0.36	mg/Kg	1	02/18/17	LK	SW6010C	
Chromium	25.0	0.36	mg/Kg	1	02/18/17	LK	SW6010C	
Copper	212	3.6	mg/kg	10	02/20/17	TH	SW6010C	
Iron	19300	54	mg/Kg	10	02/20/17	LK	SW6010C	
Mercury	0.27	0.03	mg/Kg	1	02/21/17	RS	SW7471B	
Potassium	2090	5.4	mg/Kg	1	02/18/17	LK	SW6010C	
Magnesium	10200	54	mg/Kg	10	02/20/17	TH	SW6010C	
Manganese	365	3.6	mg/Kg	10	02/20/17	LK	SW6010C	
Sodium	156	5.4	mg/Kg	1	02/18/17	LK	SW6010C	B
Nickel	50.6	0.36	mg/Kg	1	02/18/17	LK	SW6010C	
Lead	1820	36	mg/Kg	100	02/22/17	LK	SW6010C	
Antimony	< 3.6	3.6	mg/Kg	1	02/18/17	LK	SW6010C	
Selenium	< 1.4	1.4	mg/Kg	1	02/20/17	TH	SW6010C	
Thallium	< 3.2	3.2	mg/Kg	1	02/18/17	LK	SW6010C	
Vanadium	22.5	0.36	mg/Kg	1	02/18/17	LK	SW6010C	
Zinc	641	3.6	mg/Kg	10	02/20/17	TH	SW6010C	
Percent Solid	90		%		02/16/17	Q	SW846-%Solid	
Soil Extraction for PCB	Completed				02/16/17	JC/V	SW3545A	
Soil Extraction for SVOA	Completed				02/16/17	JJ/CKV	SW3545A	
Mercury Digestion	Completed				02/20/17	Q/Q	SW7471B	
Total Metals Digest	Completed				02/17/17	Z/AG/BF	SW3050B	

Ver 1

Project ID: 383 HUGUENOT
Client ID: SB-20

Phoenix I.D.: BX70281

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction of TPH SM	Completed				02/16/17	CC/CKV	SW3545A
Polychlorinated Biphenyls							
PCB-1016	ND	74	ug/Kg	2	02/21/17	AW	SW8082A
PCB-1221	ND	74	ug/Kg	2	02/21/17	AW	SW8082A
PCB-1232	ND	74	ug/Kg	2	02/21/17	AW	SW8082A
PCB-1242	ND	74	ug/Kg	2	02/21/17	AW	SW8082A
PCB-1248	ND	74	ug/Kg	2	02/21/17	AW	SW8082A
PCB-1254	490	74	ug/Kg	2	02/21/17	AW	SW8082A
PCB-1260	ND	74	ug/Kg	2	02/21/17	AW	SW8082A
PCB-1262	ND	74	ug/Kg	2	02/21/17	AW	SW8082A
PCB-1268	ND	74	ug/Kg	2	02/21/17	AW	SW8082A
QA/QC Surrogates							
% DCBP	87		%	2	02/21/17	AW	30 - 150 %
% TCMX	61		%	2	02/21/17	AW	30 - 150 %
TPH DRO (C10-C28)							
Diesel Range Organics (C10-C28)	110	54	mg/Kg	1	02/18/17	JRB	SW8015D DRO
QA/QC Surrogates							
% n-Pentacosane	85		%	1	02/18/17	JRB	50 - 150 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Dichlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Diphenylhydrazine	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
1,3-Dichlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
1,4-Dichlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dichlorophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dimethylphenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrophenol	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrotoluene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2,6-Dinitrotoluene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Chloronaphthalene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Chlorophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylnaphthalene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitroaniline	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitrophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
3,3'-Dichlorobenzidine	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
3-Nitroaniline	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
4-Bromophenyl phenyl ether	ND	370	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloroaniline	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitroaniline	ND	590	ug/Kg	1	02/17/17	DD	SW8270D

Project ID: 383 HUGUENOT
Client ID: SB-20

Phoenix I.D.: BX70281

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Nitrophenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Acenaphthene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Acenaphthylene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Acetophenone	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Aniline	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Anthracene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benz(a)anthracene	790	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzidine	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(a)pyrene	1100	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(b)fluoranthene	960	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(ghi)perylene	670	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(k)fluoranthene	920	260	ug/Kg	1	02/17/17	DD	SW8270D	
Benzoic acid	ND	730	ug/Kg	1	02/17/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	990	260	ug/Kg	1	02/17/17	DD	SW8270D	
Carbazole	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Chrysene	800	260	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenzofuran	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Diethyl phthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Dimethylphthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-butylphthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-octylphthalate	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Fluoranthene	1600	260	ug/Kg	1	02/17/17	DD	SW8270D	
Fluorene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobutadiene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorocyclopentadiene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachloroethane	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	870	260	ug/Kg	1	02/17/17	DD	SW8270D	
Isophorone	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Naphthalene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Nitrobenzene	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodimethylamine	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodiphenylamine	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachloronitrobenzene	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachlorophenol	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
Phenanthrene	1200	260	ug/Kg	1	02/17/17	DD	SW8270D	
Phenol	ND	260	ug/Kg	1	02/17/17	DD	SW8270D	
Pyrene	1400	260	ug/Kg	1	02/17/17	DD	SW8270D	
Pyridine	ND	370	ug/Kg	1	02/17/17	DD	SW8270D	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	60		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorobiphenyl	59		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorophenol	47		%	1	02/17/17	DD	30 - 130 %	

Ver 1

Project ID: 383 HUGUENOT
Client ID: SB-20

Phoenix I.D.: BX70281

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Nitrobenzene-d5	60		%	1	02/17/17	DD	30 - 130 %
% Phenol-d5	55		%	1	02/17/17	DD	30 - 130 %
% Terphenyl-d14	56		%	1	02/17/17	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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.

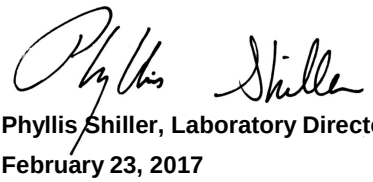
Comments:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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
February 23, 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

February 23, 2017

FOR: Attn: Mr. Wenqing Fang, Principal
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/15/17	
Location Code:	CIDER-ENV	Received by:	LB	02/16/17	17:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBX70270
Phoenix ID: BX70282

Project ID: 383 HUGUENOT
Client ID: SB-12

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.39	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Aluminum	29400	580	mg/Kg	100	02/22/17	LK	SW6010C	
Arsenic	< 0.78	0.78	mg/Kg	1	02/18/17	LK	SW6010C	
Barium	376	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Beryllium	0.48	0.31	mg/Kg	1	02/18/17	LK	SW6010C	
Calcium	3130	5.8	mg/Kg	1	02/20/17	TH	SW6010C	
Cadmium	< 0.39	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Cobalt	26.9	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Chromium	91.6	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Copper	21.7	0.39	mg/kg	1	02/18/17	LK	SW6010C	
Iron	47900	58	mg/Kg	10	02/20/17	LK	SW6010C	
Mercury	< 0.03	0.03	mg/Kg	1	02/21/17	RS	SW7471B	
Potassium	21000	58	mg/Kg	10	02/22/17	LK	SW6010C	
Magnesium	16000	58	mg/Kg	10	02/20/17	TH	SW6010C	
Manganese	798	3.9	mg/Kg	10	02/20/17	TH	SW6010C	
Sodium	278	5.8	mg/Kg	1	02/18/17	LK	SW6010C	B
Nickel	57.6	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Lead	0.61	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Antimony	< 3.9	3.9	mg/Kg	1	02/18/17	LK	SW6010C	
Selenium	< 1.6	1.6	mg/Kg	1	02/20/17	LK	SW6010C	
Thallium	< 3.5	3.5	mg/Kg	1	02/18/17	LK	SW6010C	
Vanadium	82.6	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Zinc	94.8	0.39	mg/Kg	1	02/18/17	LK	SW6010C	
Percent Solid	87		%		02/16/17	Q	SW846-%Solid	
Soil Extraction for PCB	Completed				02/16/17	JC/V	SW3545A	
Soil Extraction for SVOA	Completed				02/16/17	JJ/CKV	SW3545A	
Mercury Digestion	Completed				02/20/17	Q/Q	SW7471B	
Total Metals Digest	Completed				02/17/17	Z/AG/BF	SW3050B	

Ver 1

Project ID: 383 HUGUENOT
Client ID: SB-12

Phoenix I.D.: BX70282

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction of TPH SM	Completed				02/16/17	CC/CKV	SW3545A
Polychlorinated Biphenyls							
PCB-1016	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1221	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1232	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1242	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1248	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1254	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1260	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1262	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1268	ND	75	ug/Kg	2	02/17/17	AW	SW8082A
QA/QC Surrogates							
% DCBP	77		%	2	02/17/17	AW	30 - 150 %
% TCMX	61		%	2	02/17/17	AW	30 - 150 %
TPH DRO (C10-C28)							
Diesel Range Organics (C10-C28)	ND	57	mg/Kg	1	02/20/17	JRB	SW8015D DRO
QA/QC Surrogates							
% n-Pentacosane	90		%	1	02/20/17	JRB	50 - 150 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Diphenylhydrazine	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
1,3-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,4-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dimethylphenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrophenol	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrotoluene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,6-Dinitrotoluene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Chloronaphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Chlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylnaphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitroaniline	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitrophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
3,3'-Dichlorobenzidine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
3-Nitroaniline	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
4-Bromophenyl phenyl ether	ND	380	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloroaniline	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitroaniline	ND	610	ug/Kg	1	02/17/17	DD	SW8270D

Project ID: 383 HUGUENOT
Client ID: SB-12

Phoenix I.D.: BX70282

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Nitrophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Acenaphthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Acenaphthylene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Acetophenone	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Aniline	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
Anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benz(a)anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzidine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(a)pyrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(ghi)perylene	270	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzoic acid	ND	760	ug/Kg	1	02/17/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Carbazole	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
Chrysene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenzofuran	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Diethyl phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dimethylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-butylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-octylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Fluoranthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Fluorene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobutadiene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorocyclopentadiene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachloroethane	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	350	270	ug/Kg	1	02/17/17	DD	SW8270D	
Isophorone	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Naphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Nitrobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodimethylamine	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodiphenylamine	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachloronitrobenzene	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachlorophenol	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
Phenanthrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Phenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Pyrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Pyridine	ND	380	ug/Kg	1	02/17/17	DD	SW8270D	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	67		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorobiphenyl	59		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorophenol	47		%	1	02/17/17	DD	30 - 130 %	

Ver 1

Project ID: 383 HUGUENOT
Client ID: SB-12

Phoenix I.D.: BX70282

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Nitrobenzene-d5	60		%	1	02/17/17	DD	30 - 130 %
% Phenol-d5	57		%	1	02/17/17	DD	30 - 130 %
% Terphenyl-d14	62		%	1	02/17/17	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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.

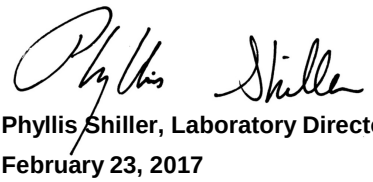
Comments:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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
February 23, 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

February 23, 2017

FOR: Attn: Mr. Wenqing Fang, Principal
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/14/17	
Location Code:	CIDER-ENV	Received by:	LB	02/16/17	17:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBX70270
Phoenix ID: BX70283

Project ID: 383 HUGUENOT
Client ID: SB-2B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.34	0.34	mg/Kg	1	02/21/17	LK	SW6010C	
Aluminum	5240	51	mg/Kg	10	02/21/17	LK	SW6010C	
Arsenic	4.22	0.68	mg/Kg	1	02/21/17	LK	SW6010C	
Barium	71.3	0.34	mg/Kg	1	02/21/17	LK	SW6010C	
Beryllium	0.30	0.27	mg/Kg	1	02/21/17	LK	SW6010C	
Calcium	33700	51	mg/Kg	10	02/21/17	LK	SW6010C	
Cadmium	0.91	0.34	mg/Kg	1	02/21/17	LK	SW6010C	
Cobalt	7.73	0.34	mg/Kg	1	02/21/17	LK	SW6010C	
Chromium	15.6	0.34	mg/Kg	1	02/21/17	LK	SW6010C	
Copper	109	0.34	mg/kg	1	02/21/17	LK	SW6010C	
Iron	15300	51	mg/Kg	10	02/22/17	LK	SW6010C	
Mercury	0.25	0.03	mg/Kg	1	02/21/17	RS	SW7471B	
Potassium	1200	5.1	mg/Kg	1	02/22/17	MA	SW6010C	
Magnesium	19600	51	mg/Kg	10	02/21/17	LK	SW6010C	
Manganese	163	3.4	mg/Kg	10	02/21/17	LK	SW6010C	
Sodium	417	5.1	mg/Kg	1	02/22/17	MA	SW6010C	
Nickel	22.4	0.34	mg/Kg	1	02/21/17	LK	SW6010C	
Lead	95.9	0.34	mg/Kg	1	02/21/17	LK	SW6010C	B
Antimony	< 3.4	3.4	mg/Kg	1	02/21/17	LK	SW6010C	
Selenium	< 1.4	1.4	mg/Kg	1	02/21/17	LK	SW6010C	
Thallium	< 3.0	3.0	mg/Kg	1	02/21/17	LK	SW6010C	
Vanadium	31.3	0.34	mg/Kg	1	02/21/17	LK	SW6010C	
Zinc	171	3.4	mg/Kg	10	02/21/17	LK	SW6010C	
Percent Solid	87		%		02/16/17	Q	SW846-%Solid	
Soil Extraction for PCB	Completed				02/16/17	JC/V	SW3545A	
Soil Extraction for SVOA	Completed				02/16/17	JJ/CKV	SW3545A	
Mercury Digestion	Completed				02/20/17	Q/Q	SW7471B	
Total Metals Digest	Completed				02/17/17	Z/AG/BF	SW3050B	

Ver 1

Project ID: 383 HUGUENOT
Client ID: SB-2B

Phoenix I.D.: BX70283

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction of TPH SM	Completed				02/16/17	CC/CKV	SW3545A
Polychlorinated Biphenyls							
PCB-1016	ND	760	ug/Kg	20	02/18/17	AW	SW8082A
PCB-1221	ND	760	ug/Kg	20	02/18/17	AW	SW8082A
PCB-1232	ND	760	ug/Kg	20	02/18/17	AW	SW8082A
PCB-1242	ND	760	ug/Kg	20	02/18/17	AW	SW8082A
PCB-1248	ND	760	ug/Kg	20	02/18/17	AW	SW8082A
PCB-1254	3000	760	ug/Kg	20	02/18/17	AW	SW8082A
PCB-1260	ND	760	ug/Kg	20	02/18/17	AW	SW8082A
PCB-1262	ND	760	ug/Kg	20	02/18/17	AW	SW8082A
PCB-1268	ND	760	ug/Kg	20	02/18/17	AW	SW8082A
QA/QC Surrogates							
% DCBP	101		%	20	02/18/17	AW	30 - 150 %
% TCMX	63		%	20	02/18/17	AW	30 - 150 %
TPH DRO (C10-C28)							
Diesel Range Organics (C10-C28)	ND	280	mg/Kg	5	02/18/17	JRB	SW8015D DRO
QA/QC Surrogates							
% n-Pentacosane	84		%	5	02/18/17	JRB	50 - 150 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
1,2,4-Trichlorobenzene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
1,2-Dichlorobenzene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
1,2-Diphenylhydrazine	ND	760	ug/Kg	2	02/17/17	DD	SW8270D
1,3-Dichlorobenzene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
1,4-Dichlorobenzene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
2,4-Dichlorophenol	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
2,4-Dimethylphenol	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
2,4-Dinitrophenol	ND	760	ug/Kg	2	02/17/17	DD	SW8270D
2,4-Dinitrotoluene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
2,6-Dinitrotoluene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
2-Chloronaphthalene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
2-Chlorophenol	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
2-Methylnaphthalene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	350	ug/Kg	2	02/17/17	DD	SW8270D
2-Nitroaniline	ND	760	ug/Kg	2	02/17/17	DD	SW8270D
2-Nitrophenol	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	760	ug/Kg	2	02/17/17	DD	SW8270D
3,3'-Dichlorobenzidine	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
3-Nitroaniline	ND	760	ug/Kg	2	02/17/17	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	760	ug/Kg	2	02/17/17	DD	SW8270D
4-Bromophenyl phenyl ether	ND	760	ug/Kg	2	02/17/17	DD	SW8270D
4-Chloro-3-methylphenol	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
4-Chloroaniline	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	530	ug/Kg	2	02/17/17	DD	SW8270D
4-Nitroaniline	ND	1200	ug/Kg	2	02/17/17	DD	SW8270D

Project ID: 383 HUGUENOT
Client ID: SB-2B

Phoenix I.D.: BX70283

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Nitrophenol	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Acenaphthene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Acenaphthylene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Acetophenone	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Aniline	ND	760	ug/Kg	2	02/17/17	DD	SW8270D	
Anthracene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Benz(a)anthracene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Benzidine	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Benzo(a)pyrene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Benzo(b)fluoranthene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Benzo(ghi)perylene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Benzo(k)fluoranthene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Benzoic acid	ND	1500	ug/Kg	2	02/17/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	760	ug/Kg	2	02/17/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Carbazole	ND	760	ug/Kg	2	02/17/17	DD	SW8270D	
Chrysene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	330	ug/Kg	2	02/17/17	DD	SW8270D	
Dibenzofuran	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Diethyl phthalate	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Dimethylphthalate	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Di-n-butylphthalate	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Di-n-octylphthalate	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Fluoranthene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Fluorene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Hexachlorobenzene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Hexachlorobutadiene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Hexachlorocyclopentadiene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Hexachloroethane	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	500	ug/Kg	2	02/17/17	DD	SW8270D	
Isophorone	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Naphthalene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Nitrobenzene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
N-Nitrosodimethylamine	ND	760	ug/Kg	2	02/17/17	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
N-Nitrosodiphenylamine	ND	760	ug/Kg	2	02/17/17	DD	SW8270D	
Pentachloronitrobenzene	ND	760	ug/Kg	2	02/17/17	DD	SW8270D	
Pentachlorophenol	ND	760	ug/Kg	2	02/17/17	DD	SW8270D	
Phenanthrene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Phenol	ND	330	ug/Kg	2	02/17/17	DD	SW8270D	
Pyrene	ND	530	ug/Kg	2	02/17/17	DD	SW8270D	
Pyridine	ND	760	ug/Kg	2	02/17/17	DD	SW8270D	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	63		%	2	02/17/17	DD	30 - 130 %	
% 2-Fluorobiphenyl	62		%	2	02/17/17	DD	30 - 130 %	
% 2-Fluorophenol	46		%	2	02/17/17	DD	30 - 130 %	

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Nitrobenzene-d5	51		%	2	02/17/17	DD	30 - 130 %
% Phenol-d5	60		%	2	02/17/17	DD	30 - 130 %
% Terphenyl-d14	68		%	2	02/17/17	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

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:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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.

Semi-Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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
February 23, 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

February 23, 2017

FOR: Attn: Mr. Wenqing Fang, Principal
Cider Environmental, LLC
6268 Jericho Turnpike, Suite 12
Commack, NY 11725

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/15/17	
Location Code:	CIDER-ENV	Received by:	LB	02/16/17	17:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2015-188				

Laboratory Data

SDG ID: GBX70270
Phoenix ID: BX70284

Project ID: 383 HUGUENOT
Client ID: SB-21

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	3.96	0.38	mg/Kg	1	02/21/17	MA	SW6010C	
Aluminum	9940	56	mg/Kg	10	02/21/17	LK	SW6010C	
Arsenic	11.7	0.75	mg/Kg	1	02/21/17	LK	SW6010C	
Barium	334	0.38	mg/Kg	1	02/21/17	LK	SW6010C	
Beryllium	0.46	0.30	mg/Kg	1	02/21/17	LK	SW6010C	
Calcium	20000	56	mg/Kg	10	02/21/17	LK	SW6010C	
Cadmium	1.36	0.38	mg/Kg	1	02/21/17	LK	SW6010C	
Cobalt	9.39	0.38	mg/Kg	1	02/21/17	LK	SW6010C	
Chromium	29.3	0.38	mg/Kg	1	02/21/17	LK	SW6010C	
Copper	187	3.8	mg/kg	10	02/21/17	LK	SW6010C	
Iron	20800	560	mg/Kg	100	02/22/17	LK	SW6010C	
Mercury	1.26	0.03	mg/Kg	1	02/21/17	RS	SW7471B	
Potassium	2010	56	mg/Kg	10	02/22/17	LK	SW6010C	
Magnesium	7030	56	mg/Kg	10	02/21/17	LK	SW6010C	
Manganese	389	3.8	mg/Kg	10	02/21/17	LK	SW6010C	
Sodium	186	56	mg/Kg	10	02/22/17	LK	SW6010C	
Nickel	23.8	0.38	mg/Kg	1	02/21/17	LK	SW6010C	
Lead	4330	38	mg/Kg	100	02/22/17	LK	SW6010C	B
Antimony	24.8	3.8	mg/Kg	1	02/21/17	MA	SW6010C	
Selenium	< 1.5	1.5	mg/Kg	1	02/21/17	LK	SW6010C	
Thallium	< 3.4	3.4	mg/Kg	1	02/21/17	LK	SW6010C	
Vanadium	30.4	0.38	mg/Kg	1	02/21/17	LK	SW6010C	
Zinc	583	3.8	mg/Kg	10	02/21/17	LK	SW6010C	
Percent Solid	83		%		02/16/17	Q	SW846-%Solid	
Soil Extraction for PCB	Completed				02/16/17	JC/V	SW3545A	
Soil Extraction for SVOA	Completed				02/16/17	JJ/CKV	SW3545A	
Mercury Digestion	Completed				02/20/17	Q/Q	SW7471B	
Total Metals Digest	Completed				02/17/17	Z/AG/BF	SW3050B	

Ver 1

Project ID: 383 HUGUENOT
Client ID: SB-21

Phoenix I.D.: BX70284

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	80	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1221	ND	80	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1232	ND	80	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1242	ND	80	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1248	ND	80	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1254	ND	80	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1260	ND	80	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1262	ND	80	ug/Kg	2	02/17/17	AW	SW8082A
PCB-1268	ND	80	ug/Kg	2	02/17/17	AW	SW8082A
QA/QC Surrogates							
% DCBP	72		%	2	02/17/17	AW	30 - 150 %
% TCMX	60		%	2	02/17/17	AW	30 - 150 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,2-Diphenylhydrazine	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
1,3-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
1,4-Dichlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dichlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dimethylphenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrophenol	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
2,4-Dinitrotoluene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2,6-Dinitrotoluene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Chloronaphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Chlorophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylnaphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitroaniline	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
2-Nitrophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
3,3'-Dichlorobenzidine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
3-Nitroaniline	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
4-Bromophenyl phenyl ether	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Chloroaniline	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitroaniline	ND	630	ug/Kg	1	02/17/17	DD	SW8270D
4-Nitrophenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
Acenaphthylene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
Acetophenone	ND	270	ug/Kg	1	02/17/17	DD	SW8270D
Aniline	ND	390	ug/Kg	1	02/17/17	DD	SW8270D
Anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D

Project ID: 383 HUGUENOT
Client ID: SB-21

Phoenix I.D.: BX70284

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Benz(a)anthracene	390	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzidine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(a)pyrene	420	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(b)fluoranthene	410	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(ghi)perylene	450	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzo(k)fluoranthene	390	270	ug/Kg	1	02/17/17	DD	SW8270D	
Benzoic acid	ND	780	ug/Kg	1	02/17/17	DD	SW8270D	1
Benzyl butyl phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Carbazole	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Chrysene	460	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dibenzofuran	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Diethyl phthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Dimethylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-butylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Di-n-octylphthalate	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Fluoranthene	720	270	ug/Kg	1	02/17/17	DD	SW8270D	
Fluorene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorobutadiene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachlorocyclopentadiene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Hexachloroethane	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	460	270	ug/Kg	1	02/17/17	DD	SW8270D	
Isophorone	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Naphthalene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Nitrobenzene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodimethylamine	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
N-Nitrosodiphenylamine	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachloronitrobenzene	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Pentachlorophenol	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
Phenanthrene	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Phenol	ND	270	ug/Kg	1	02/17/17	DD	SW8270D	
Pyrene	690	270	ug/Kg	1	02/17/17	DD	SW8270D	
Pyridine	ND	390	ug/Kg	1	02/17/17	DD	SW8270D	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	68		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorobiphenyl	66		%	1	02/17/17	DD	30 - 130 %	
% 2-Fluorophenol	41		%	1	02/17/17	DD	30 - 130 %	
% Nitrobenzene-d5	63		%	1	02/17/17	DD	30 - 130 %	
% Phenol-d5	56		%	1	02/17/17	DD	30 - 130 %	
% Terphenyl-d14	68		%	1	02/17/17	DD	30 - 130 %	

Project ID: 383 HUGUENOT
Client ID: SB-21

Phoenix I.D.: BX70284

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.
B = Present in blank, no bias suspected.

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:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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
February 23, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

February 23, 2017

QA/QC Data

SDG I.D.: GBX70270

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 376816 (mg/kg), QC Sample No: BX69809 (BX70281, BX70282, BX70283, BX70284)														
Mercury - Soil	BRL	0.02	<0.03	<0.03	NC	94.3	87.8	7.1	104			70 - 130	30	
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 376735 (mg/kg), QC Sample No: BX70349 (BX70273, BX70274, BX70275, BX70276, BX70277, BX70278, BX70279, BX70280, BX70281, BX70282)														
ICP Metals - Soil														
Aluminum	BRL	5.0	12700	13300	4.60	79.8			NC			75 - 125	30	
Antimony	BRL	3.3	<3.9	<3.7	NC	87.5			76.4			75 - 125	30	
Arsenic	BRL	0.67	14.5	25.2	53.9	77.1			86.3			75 - 125	30	r
Barium	BRL	0.33	45.1	52.4	15.0	83.4			91.5			75 - 125	30	
Beryllium	BRL	0.27	0.42	0.46	NC	85.6			88.9			75 - 125	30	
Cadmium	BRL	0.33	<0.39	<0.37	NC	87.0			84.3			75 - 125	30	
Calcium	BRL	5.0	1560	1370	13.0	84.6			NC			75 - 125	30	
Chromium	BRL	0.33	22.9	24.8	8.00	89.8			91.3			75 - 125	30	
Cobalt	BRL	0.33	10.1	10.3	2.00	91.3			88.7			75 - 125	30	
Copper	BRL	0.33	20.9	22.4	6.90	92.3			95.9			75 - 125	30	
Iron	BRL	5.0	20100	21300	5.80	82.3			NC			75 - 125	30	
Lead	BRL	0.33	12.2	12.1	0.80	78.3			87.8			75 - 125	30	
Magnesium	BRL	5.0	5440	5910	8.30	81.1			NC			75 - 125	30	
Manganese	BRL	0.33	385	371	3.70	91.3			81.2			75 - 125	30	
Nickel	BRL	0.33	20.8	23.6	12.6	95.8			88.8			75 - 125	30	
Potassium	BRL	5.0	2060	2390	14.8	75.4			>130			75 - 125	30	m
Selenium	BRL	1.3	<1.6	<1.5	NC	75.5			76.9			75 - 125	30	
Silver	BRL	0.33	<0.39	<0.37	NC	80.5			90.9			75 - 125	30	
Sodium	5.1	5.0	363	365	0.50	91.0			120			75 - 125	30	
Thallium	BRL	3.0	<3.5	<3.4	NC	89.5			90.9			75 - 125	30	
Vanadium	BRL	0.33	32.5	31.9	1.90	86.1			89.9			75 - 125	30	
Zinc	BRL	0.33	48.8	53.9	9.90	86.5			87.6			75 - 125	30	
QA/QC Batch 376736 (mg/kg), QC Sample No: BX70506 (BX70283, BX70284)														
ICP Metals - Soil														
Aluminum	BRL	5.0	55800	56900	2.00	119			NC			75 - 125	30	
Antimony	BRL	3.3	<4.6	<4.7	NC	104			89.9			75 - 125	30	
Arsenic	BRL	0.67	13.9	16.6	17.7	103			106			75 - 125	30	
Barium	BRL	0.33	1400	1530	8.90	111			NC			75 - 125	30	
Beryllium	BRL	0.27	1.27	1.30	NC	112			106			75 - 125	30	
Cadmium	BRL	0.33	5.57	6.0	7.40	107			105			75 - 125	30	
Calcium	BRL	5.0	68900	71400	3.60	106			NC			75 - 125	30	
Chromium	BRL	0.33	228	226	0.90	115			121			75 - 125	30	
Cobalt	BRL	0.33	15.6	15.4	1.30	112			104			75 - 125	30	
Copper	BRL	0.33	2080	2390	13.9	120			NC			75 - 125	30	
Iron	BRL	5.0	47200	49700	5.20	105			NC			75 - 125	30	

QA/QC Data

SDG I.D.: GBX70270

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Lead	0.35	0.33	128	139	8.20	103			109			75 - 125	30
Magnesium	BRL	5.0	12600	13300	5.40	111			NC			75 - 125	30
Manganese	BRL	0.33	7590	8250	8.30	111			NC			75 - 125	30
Nickel	BRL	0.33	124	138	10.7	113			120			75 - 125	30
Potassium	BRL	5.0	11600	11200	3.50	100			NC			75 - 125	30
Selenium	BRL	1.3	<1.9	<1.9	NC	88.1			109			75 - 125	30
Silver	BRL	0.33	16.0	18.0	NC	110			125			75 - 125	30
Sodium	BRL	5.0	6820	6350	7.10	107			NC			75 - 125	30
Thallium	BRL	3.0	4.3	5.0	NC	110			105			75 - 125	30
Vanadium	BRL	0.33	32.6	34.3	5.10	114			107			75 - 125	30
Zinc	BRL	0.33	1840	2150	15.5	106			NC			75 - 125	30
QA/QC Batch 376815 (mg/kg), QC Sample No: BX70745 (BX70273, BX70274, BX70275, BX70276, BX70277, BX70278, BX70279, BX70280)													
Mercury - Soil	BRL	0.03	<0.03	<0.03	NC	101	99.7	1.3	98.3			70 - 130	30
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													

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

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

February 23, 2017

QA/QC Data

SDG I.D.: GBX70270

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 376741 (ug/L), QC Sample No: BX63312 (BX70270, BX70271, BX70272)										
Semivolatiles by SIM - Ground Water										
2-Methylnaphthalene	ND	0.05	69	74	7.0				30 - 130	20
Acenaphthene	ND	0.05	82	88	7.1				30 - 130	20
Acenaphthylene	ND	0.04	79	80	1.3				30 - 130	20
Anthracene	ND	0.02	93	97	4.2				30 - 130	20
Benz(a)anthracene	ND	0.02	78	83	6.2				30 - 130	20
Benzo(a)pyrene	ND	0.02	77	81	5.1				30 - 130	20
Benzo(b)fluoranthene	ND	0.02	79	80	1.3				30 - 130	20
Benzo(ghi)perylene	ND	0.02	101	110	8.5				30 - 130	20
Benzo(k)fluoranthene	ND	0.02	78	81	3.8				30 - 130	20
Chrysene	ND	0.02	82	88	7.1				30 - 130	20
Dibenz(a,h)anthracene	ND	0.01	110	119	7.9				30 - 130	20
Fluoranthene	ND	0.04	89	93	4.4				30 - 130	20
Fluorene	ND	0.05	85	92	7.9				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	0.02	103	112	8.4				30 - 130	20
Naphthalene	ND	0.05	69	72	4.3				30 - 130	20
Phenanthrene	ND	0.05	81	85	4.8				30 - 130	20
Pyrene	ND	0.02	88	93	5.5				30 - 130	20
% 2-Fluorobiphenyl	71	%	72	78	8.0				30 - 130	20
% Nitrobenzene-d5	71	%	56	63	11.8				30 - 130	20
% Terphenyl-d14	80	%	82	85	3.6				30 - 130	20

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 376672 (ug/L), QC Sample No: BX63694 (BX70272)

Volatiles - Ground Water

1,2,4-Trimethylbenzene	ND	1.0	95	98	3.1				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	97	98	1.0				70 - 130	30
Benzene	ND	0.70	93	98	5.2				70 - 130	30
Ethylbenzene	ND	1.0	98	100	2.0				70 - 130	30
Isopropylbenzene	ND	1.0	98	101	3.0				70 - 130	30
m&p-Xylene	ND	1.0	98	97	1.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	103	107	3.8				70 - 130	30
Naphthalene	ND	1.0	101	105	3.9				70 - 130	30
n-Butylbenzene	ND	1.0	101	104	2.9				70 - 130	30
n-Propylbenzene	ND	1.0	96	99	3.1				70 - 130	30
o-Xylene	ND	1.0	97	97	0.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	99	101	2.0				70 - 130	30
sec-Butylbenzene	ND	1.0	104	107	2.8				70 - 130	30
tert-Butylbenzene	ND	1.0	97	98	1.0				70 - 130	30
Toluene	ND	1.0	94	99	5.2				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	100	100	0.0				70 - 130	30

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
% Bromofluorobenzene	96	%		100	98	2.0				70 - 130	30	
% Dibromofluoromethane	100	%		99	101	2.0				70 - 130	30	
% Toluene-d8	100	%		99	101	2.0				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 376585 (ug/kg), QC Sample No: BX63792 (BX70273, BX70274, BX70275, BX70276, BX70277, BX70278, BX70279, BX70280, BX70281, BX70282, BX70283, BX70284)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230		60	60	0.0	58	65	11.4	30 - 130	30	
1,2,4-Trichlorobenzene	ND	230		56	58	3.5	57	62	8.4	30 - 130	30	
1,2-Dichlorobenzene	ND	180		48	53	9.9	46	56	19.6	30 - 130	30	
1,2-Diphenylhydrazine	ND	230		63	57	10.0	59	61	3.3	30 - 130	30	
1,3-Dichlorobenzene	ND	230		45	49	8.5	45	52	14.4	30 - 130	30	
1,4-Dichlorobenzene	ND	230		47	52	10.1	47	55	15.7	30 - 130	30	
2,4,5-Trichlorophenol	ND	230		66	55	18.2	49	53	7.8	30 - 130	30	
2,4,6-Trichlorophenol	ND	130		65	53	20.3	45	49	8.5	30 - 130	30	
2,4-Dichlorophenol	ND	130		65	58	11.4	54	62	13.8	30 - 130	30	
2,4-Dimethylphenol	ND	230		61	56	8.5	57	62	8.4	30 - 130	30	
2,4-Dinitrophenol	ND	230		15	<10	NC	46	30	42.1	30 - 130	30	l,r
2,4-Dinitrotoluene	ND	130		69	58	17.3	66	68	3.0	30 - 130	30	
2,6-Dinitrotoluene	ND	130		64	54	16.9	59	62	5.0	30 - 130	30	
2-Chloronaphthalene	ND	230		62	60	3.3	59	65	9.7	30 - 130	30	
2-Chlorophenol	ND	230		54	56	3.6	48	58	18.9	30 - 130	30	
2-Methylnaphthalene	ND	230		60	58	3.4	58	63	8.3	30 - 130	30	
2-Methylphenol (o-cresol)	ND	230		62	63	1.6	54	67	21.5	30 - 130	30	
2-Nitroaniline	ND	330		58	46	23.1	62	60	3.3	30 - 130	30	
2-Nitrophenol	ND	230		55	50	9.5	38	38	0.0	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230		64	61	4.8	56	67	17.9	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130		59	43	31.4	58	57	1.7	30 - 130	30	r
3-Nitroaniline	ND	330		61	46	28.0	60	61	1.7	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230		36	19	61.8	59	51	14.5	30 - 130	30	l,r
4-Bromophenyl phenyl ether	ND	230		70	60	15.4	67	70	4.4	30 - 130	30	
4-Chloro-3-methylphenol	ND	230		67	57	16.1	65	67	3.0	30 - 130	30	
4-Chloroaniline	ND	230		62	49	23.4	61	64	4.8	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230		63	55	13.6	60	63	4.9	30 - 130	30	
4-Nitroaniline	ND	230		67	57	16.1	65	67	3.0	30 - 130	30	
4-Nitrophenol	ND	230		66	51	25.6	48	50	4.1	30 - 130	30	
Acenaphthene	ND	230		62	57	8.4	59	61	3.3	30 - 130	30	
Acenaphthylene	ND	130		61	58	5.0	58	61	5.0	30 - 130	30	
Acetophenone	ND	230		56	57	1.8	53	63	17.2	30 - 130	30	
Aniline	ND	330		47	42	11.2	44	50	12.8	30 - 130	30	
Anthracene	ND	230		69	56	20.8	66	68	3.0	30 - 130	30	
Benz(a)anthracene	ND	230		70	55	24.0	68	70	2.9	30 - 130	30	
Benzidine	ND	330		12	<10	NC	15	<10	NC	30 - 130	30	l,m
Benzo(a)pyrene	ND	130		67	54	21.5	66	68	3.0	30 - 130	30	
Benzo(b)fluoranthene	ND	160		71	56	23.6	67	71	5.8	30 - 130	30	
Benzo(ghi)perylene	ND	230		71	57	21.9	70	71	1.4	30 - 130	30	
Benzo(k)fluoranthene	ND	230		68	57	17.6	69	68	1.5	30 - 130	30	
Benzoic Acid	ND	330		<10	<10	NC	<10	<10	NC	30 - 130	30	l,m
Benzyl butyl phthalate	ND	230		71	57	21.9	64	66	3.1	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230		63	61	3.2	58	64	9.8	30 - 130	30	

QA/QC Data

SDG I.D.: GBX70270

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bis(2-chloroethyl)ether	ND	130	44	48	8.7	43	52	18.9	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	44	47	6.6	42	48	13.3	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	73	59	21.2	67	70	4.4	30 - 130	30	
Carbazole	ND	230	69	56	20.8	67	66	1.5	30 - 130	30	
Chrysene	ND	230	69	56	20.8	70	71	1.4	30 - 130	30	
Dibenz(a,h)anthracene	ND	130	72	57	23.3	67	68	1.5	30 - 130	30	
Dibenzofuran	ND	230	65	58	11.4	60	63	4.9	30 - 130	30	
Diethyl phthalate	ND	230	64	55	15.1	62	62	0.0	30 - 130	30	
Dimethylphthalate	ND	230	66	56	16.4	62	63	1.6	30 - 130	30	
Di-n-butylphthalate	ND	230	74	60	20.9	68	68	0.0	30 - 130	30	
Di-n-octylphthalate	ND	230	73	59	21.2	67	68	1.5	30 - 130	30	
Fluoranthene	ND	230	70	57	20.5	69	68	1.5	30 - 130	30	
Fluorene	ND	230	65	58	11.4	63	65	3.1	30 - 130	30	
Hexachlorobenzene	ND	130	66	58	12.9	66	65	1.5	30 - 130	30	
Hexachlorobutadiene	ND	230	54	56	3.6	56	62	10.2	30 - 130	30	
Hexachlorocyclopentadiene	ND	230	56	54	3.6	49	54	9.7	30 - 130	30	
Hexachloroethane	ND	130	44	47	6.6	43	51	17.0	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	73	58	22.9	72	73	1.4	30 - 130	30	
Isophorone	ND	130	55	54	1.8	56	61	8.5	30 - 130	30	
Naphthalene	ND	230	60	61	1.7	59	67	12.7	30 - 130	30	
Nitrobenzene	ND	130	55	57	3.6	53	61	14.0	30 - 130	30	
N-Nitrosodimethylamine	ND	230	42	45	6.9	43	49	13.0	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	130	59	59	0.0	54	62	13.8	30 - 130	30	
N-Nitrosodiphenylamine	ND	130	72	62	14.9	72	73	1.4	30 - 130	30	
Pentachloronitrobenzene	ND	230	69	60	14.0	68	70	2.9	30 - 130	30	
Pentachlorophenol	ND	230	52	34	41.9	47	42	11.2	30 - 130	30	r
Phenanthrene	ND	130	66	56	16.4	69	69	0.0	30 - 130	30	
Phenol	ND	230	63	62	1.6	56	67	17.9	30 - 130	30	
Pyrene	ND	230	72	59	19.8	71	71	0.0	30 - 130	30	
Pyridine	ND	230	30	34	12.5	32	35	9.0	30 - 130	30	
% 2,4,6-Tribromophenol	64	%	64	54	16.9	52	44	16.7	30 - 130	30	
% 2-Fluorobiphenyl	55	%	57	55	3.6	53	57	7.3	30 - 130	30	
% 2-Fluorophenol	36	%	46	48	4.3	39	48	20.7	30 - 130	30	
% Nitrobenzene-d5	46	%	55	56	1.8	50	59	16.5	30 - 130	30	
% Phenol-d5	44	%	59	59	0.0	51	61	17.9	30 - 130	30	
% Terphenyl-d14	69	%	67	59	12.7	66	64	3.1	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 376475 (ug/Kg), QC Sample No: BX63797 2X (BX70273, BX70274, BX70275, BX70276, BX70277, BX70278, BX70279, BX70280, BX70281)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	77	71	8.1	72	67	7.2	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	87	84	3.5	79	74	6.5	40 - 140	30	
PCB-1262	ND	33							40 - 140	30	
PCB-1268	ND	33							40 - 140	30	
% DCBP (Surrogate Rec)	79	%	88	94	6.6	84	78	7.4	30 - 150	30	

QA/QC Data

SDG I.D.: GBX70270

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% TCMX (Surrogate Rec)	69	%		78	76	2.6	73	68	7.1	30 - 150	30
QA/QC Batch 376850 (ug/L), QC Sample No: BX70270 (BX70270, BX70271)											
Volatiles - Ground Water											
1,2,4-Trimethylbenzene	ND	1.0		99	99	0.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0		102	100	2.0				70 - 130	30
Benzene	ND	0.70		98	97	1.0				70 - 130	30
Ethylbenzene	ND	1.0		104	102	1.9				70 - 130	30
Isopropylbenzene	ND	1.0		103	102	1.0				70 - 130	30
m&p-Xylene	ND	1.0		101	102	1.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0		105	105	0.0				70 - 130	30
Naphthalene	ND	1.0		104	101	2.9				70 - 130	30
n-Butylbenzene	ND	1.0		105	105	0.0				70 - 130	30
n-Propylbenzene	ND	1.0		100	98	2.0				70 - 130	30
o-Xylene	ND	1.0		101	101	0.0				70 - 130	30
p-Isopropyltoluene	ND	1.0		103	104	1.0				70 - 130	30
sec-Butylbenzene	ND	1.0		109	109	0.0				70 - 130	30
tert-Butylbenzene	ND	1.0		101	101	0.0				70 - 130	30
Toluene	ND	1.0		99	100	1.0				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%		100	100	0.0				70 - 130	30
% Bromofluorobenzene	95	%		101	100	1.0				70 - 130	30
% Dibromofluoromethane	101	%		99	101	2.0				70 - 130	30
% Toluene-d8	103	%		99	101	2.0				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 376601 (mg/Kg), QC Sample No: BX70274 (BX70273, BX70274, BX70281, BX70282, BX70283)											
TPH by GC (Extractable Products) - Soil											
Ext. Petroleum HC	ND	50		61	56	8.5	60	60	0.0	30 - 130	30
% n-Pentacosane	59	%		73	69	5.6	77	82	6.3	50 - 150	30
QA/QC Batch 376616 (ug/Kg), QC Sample No: BX70339 2X (BX70282, BX70283, BX70284)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	33		80	80	0.0	72	79	9.3	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		83	87	4.7	82	79	3.7	40 - 140	30
PCB-1262	ND	33								40 - 140	30
PCB-1268	ND	33								40 - 140	30
% DCBP (Surrogate Rec)	98	%		94	98	4.2	88	86	2.3	30 - 150	30
% TCMX (Surrogate Rec)	76	%		85	85	0.0	82	78	5.0	30 - 150	30

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.

QA/QC Data

SDG I.D.: GBX70270

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
February 23, 2017

Thursday, February 23, 2017

Criteria: NY: 375, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GBX70270 - CIDER-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BX70273	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	75.6	0.35	30		mg/Kg
BX70273	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	55.0	0.35	50	50	mg/kg
BX70273	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	58.3	0.35	30	30	mg/Kg
BX70274	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	40.8	0.38	30	30	mg/Kg
BX70275	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	43.2	0.38	30		mg/Kg
BX70275	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	39.0	0.38	30	30	mg/Kg
BX70276	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	30.1	0.39	30		mg/Kg
BX70276	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	30.3	0.39	30	30	mg/Kg
BX70276	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	147	0.39	63	63	mg/Kg
BX70276	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	126	0.39	109	109	mg/Kg
BX70277	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	37.7	0.37	30		mg/Kg
BX70277	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.32	0.03	0.18	0.18	mg/Kg
BX70277	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	42.4	0.37	30	30	mg/Kg
BX70277	PB-SM	Lead	NY / 375-6.8 Metals / Residential	495	3.7	400	400	mg/Kg
BX70277	PB-SM	Lead	NY / 375-6.8 Metals / Residential Restricted	495	3.7	400	400	mg/Kg
BX70277	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	495	3.7	63	63	mg/Kg
BX70278	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	120	0.41	50	50	mg/kg
BX70278	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.74	0.03	0.18	0.18	mg/Kg
BX70278	PB-SM	Lead	NY / 375-6.8 Metals / Residential	3210	41	400	400	mg/Kg
BX70278	PB-SM	Lead	NY / 375-6.8 Metals / Residential Restricted	3210	41	400	400	mg/Kg
BX70278	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	3210	41	63	63	mg/Kg
BX70278	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	235	4.1	109	109	mg/Kg
BX70279	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	52.6	0.34	50	50	mg/kg
BX70279	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.30	0.03	0.18	0.18	mg/Kg
BX70279	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	250	3.4	63	63	mg/Kg
BX70279	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	112	0.34	109	109	mg/Kg
BX70280	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	5400	320	1000	1000	ug/Kg
BX70280	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	5800	320	1000	1000	ug/Kg
BX70280	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	3500	320	500	500	ug/Kg
BX70280	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	5800	320	1000	1000	ug/Kg
BX70280	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	720	320	330	330	ug/Kg
BX70280	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	5600	320	1000	1000	ug/Kg
BX70280	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	5800	320	1000	1000	ug/Kg
BX70280	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	3500	320	500	500	ug/Kg
BX70280	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	720	320	330	330	ug/Kg
BX70280	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	5800	320	3900	3900	ug/Kg

Thursday, February 23, 2017

Criteria: NY: 375, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GBX70270 - CIDER-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BX70280	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	5400	320	3900	3900	ug/Kg
BX70280	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	5600	320	1000	1000	ug/Kg
BX70280	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	5800	320	1000	1000	ug/Kg
BX70280	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	5800	320	1000	1000	ug/Kg
BX70280	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5600	320	1000	1000	ug/Kg
BX70280	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5800	320	1000	1000	ug/Kg
BX70280	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5800	320	1000	1000	ug/Kg
BX70280	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5800	320	1000	1000	ug/Kg
BX70280	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	720	320	330	330	ug/Kg
BX70280	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3500	320	500	500	ug/Kg
BX70280	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5400	320	800	800	ug/Kg
BX70280	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	30.5	0.43	30		mg/Kg
BX70280	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	86.3	0.43	50	50	mg/kg
BX70280	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.37	0.04	0.18	0.18	mg/Kg
BX70280	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	30.4	0.43	30	30	mg/Kg
BX70280	PB-SM	Lead	NY / 375-6.8 Metals / Residential	440	4.3	400	400	mg/Kg
BX70280	PB-SM	Lead	NY / 375-6.8 Metals / Residential Restricted	440	4.3	400	400	mg/Kg
BX70280	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	440	4.3	63	63	mg/Kg
BX70280	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	246	4.3	109	109	mg/Kg
BX70281	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	870	260	500	500	ug/Kg
BX70281	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1100	260	1000	1000	ug/Kg
BX70281	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	870	260	500	500	ug/Kg
BX70281	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	260	1000	1000	ug/Kg
BX70281	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	920	260	800	800	ug/Kg
BX70281	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	260	1000	1000	ug/Kg
BX70281	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	870	260	500	500	ug/Kg
BX70281	$PCB_SMR	PCB-1254	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	490	74	100	100	ug/Kg
BX70281	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	212	3.6	50	50	mg/kg
BX70281	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.27	0.03	0.18	0.18	mg/Kg
BX70281	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	50.6	0.36	30	30	mg/Kg
BX70281	PB-SM	Lead	NY / 375-6.8 Metals / Residential	1820	36	400	400	mg/Kg
BX70281	PB-SM	Lead	NY / 375-6.8 Metals / Residential Restricted	1820	36	400	400	mg/Kg
BX70281	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1820	36	63	63	mg/Kg
BX70281	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	641	3.6	109	109	mg/Kg
BX70282	BA-SM	Barium	NY / 375-6.8 Metals / Residential	376	0.39	350	350	mg/Kg
BX70282	BA-SM	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	376	0.39	350	350	mg/Kg
BX70282	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	91.6	0.39	30		mg/Kg
BX70282	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	57.6	0.39	30	30	mg/Kg
BX70283	$8270-SMR	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	350	330	330	ug/Kg
BX70283	$PCB_SMR	PCB-1254	NY / 375-6.8 PCBs/Pesticides / Residential	3000	760	1000	1000	ug/Kg

Thursday, February 23, 2017

Criteria: NY: 375, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GBX70270 - CIDER-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BX70283	$PCB_SMR	PCB-1016	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	760	100	100	ug/Kg
BX70283	$PCB_SMR	PCB-1221	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	760	100	100	ug/Kg
BX70283	$PCB_SMR	PCB-1232	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	760	100	100	ug/Kg
BX70283	$PCB_SMR	PCB-1242	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	760	100	100	ug/Kg
BX70283	$PCB_SMR	PCB-1248	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	760	100	100	ug/Kg
BX70283	$PCB_SMR	PCB-1254	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	3000	760	100	100	ug/Kg
BX70283	$PCB_SMR	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	760	100	100	ug/Kg
BX70283	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	109	0.34	50	50	mg/kg
BX70283	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.25	0.03	0.18	0.18	mg/Kg
BX70283	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	95.9	0.34	63	63	mg/Kg
BX70283	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	171	3.4	109	109	mg/Kg
BX70284	AG-SM	Silver	NY / 375-6.8 Metals / Unrestricted Use Soil	3.96	0.38	2	2	mg/Kg
BX70284	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	187	3.8	50	50	mg/kg
BX70284	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.26	0.03	0.81	0.81	mg/Kg
BX70284	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.26	0.03	0.81	0.81	mg/Kg
BX70284	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.26	0.03	0.18	0.18	mg/Kg
BX70284	PB-SM	Lead	NY / 375-6.8 Metals / Residential	4330	38	400	400	mg/Kg
BX70284	PB-SM	Lead	NY / 375-6.8 Metals / Residential Restricted	4330	38	400	400	mg/Kg
BX70284	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	4330	38	63	63	mg/Kg
BX70284	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	583	3.8	109	109	mg/Kg

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

February 23, 2017

SDG I.D.: GBX70270

The samples in this delivery group were received at 5°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [ ] ICE [X] No [ ]
Temp 5 °C Pg of

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

Contact Options:
[ ] Fax:
[ ] Phone:
[X] Email:

Customer: Cider Environmental
Address: ~~6268 Jericho Tpke~~

Project: 383 Huguenot
Report to:
Invoice to: James Crossy

Project P.O: 2015-188

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Tao Zhang Date: 02/16/17

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: 8260-CPH VOCs; 8270-CPH SVOCs; 8270 SVOCs; 6010 TAL Metals; 8082 PCBs; TPH

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8260-CPH VOCs	8270-CPH SVOCs	8270 SVOCs	6010 TAL Metals	8082 PCBs	TPH	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (2) 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 [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
70270	GW-6	GW	02/15/17		X	X							3	1						
70271	GW-7				X	X							3	1						
70272	GW-8				X	X							3	1						
70273	SB-9B	S	02/14/17				X	X	X	X		1	1							
70274	SB-10B		02/15/17				X	X	X	X		1	1							
70275	SB-17						X	X	X			1	1							
70276	SB-18						X	X	X			1	1							
70277	SB-19						X	X	X			1	1							
70278	SB-14		02/14/17				X	X	X			1	1							
70279	SB-15						X	X	X			1	1							
70280	SB-16						X	X	X			1	1							

Relinquished by:	Accepted by:	Date:	Time:
Tao Zhang	Krystal Bruce	2-16-17	12:00
		2-16-17	17:43

Comments, Special Requirements or Regulations:

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
[ ] TAGM 4046 GW
[ ] TAGM 4046 SOIL
[X] NY375 Unrestricted Use Soil
[X] NY375 Residential Soil
[X] 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

State where samples were collected: NY

Cooler: Yes [X] No [ ]
Coolant: IPK [ ] ICE [X] No [ ]

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 5 °C Pg of

Contact Options:
[ ] Fax:
[ ] Phone:
[X] Email:

Customer: Cider
Address:

Project: 383 Huguenot
Report to:
Invoice to: James Cressy

Project P.O: 2015-188

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Tao Zhang Date: 02/16/17

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: 8270 SVOCs; 6010 TAL Metals; 8082 PCBs; TPH

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8270	SVOCs	6010	TAL Metals	8082	PCBs	TPH	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
70281	SB-20	S	02/14/17		X	X	X	X					1	1							
70282	SB-12		02/15/17		X	X	X	X					1	1							
70283	SB-2B		02/14/17		X	X	X	X					1	1							
70284	SB-21	↓	02/15/17		X	X	X						1	1							

Relinquished by:	Accepted by:	Date:	Time:
Tao Zhang		2-16-17	12:40
	Krystal Bunce	2-16-17	17:43

Comments, Special Requirements or Regulations:

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
[ ] TAGM 4046 GW
[ ] TAGM 4046 SOIL
[X] NY375 Unrestricted Use Soil
[X] NY375 Residential Soil
[X] 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

State where samples were collected: NY