

**Former Union Wire Die Corp.
39-40 30th Street
QUEENS, NEW YORK
Block 399 Lot 34**

FINAL ENGINEERING REPORT

NYSDEC Site Number: C241163

Prepared for:
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CERTIFICATIONS

I, Ariel Czemerinski certify that I am currently a NYS registered professional engineer, I had primary direct responsibility for the implementation of the remedial program activities, and I certify that the Remedial Design and Remedial Work Plan was implemented and that all construction activities were completed in substantial conformance with the DER-approved Remedial Work Plan.

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

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

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

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

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Ariel Czemerinski, of AMC Engineering, PLLC, am certifying as Owner's Designated Site Representative for the site.

076508
NYS Professional Engineer #

1/22/17
Date

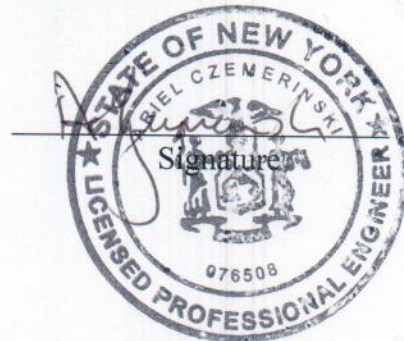


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LIST OF ACRONYMS

Acronym	Definition
AMC	AMC Engineering
AWQS	Ambient Water Quality Standards
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BTEX	Benzene, Toluene, Ethylbenzene and Xylene
CQMP	Construction Quality Management Plan
DUSR	Data Usability Statement Report
EBC	Environmental Business Consultants
FER	Final Engineering Report
HDPE	High Density Polyethylene
IRM	Interim Remedial Measure
NYC	New York City
NYCDEP	New York City Department of Environmental Protection
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PS	Public School
PVC	Polyvinyl Chloride
RAO	Remedial Action Objectives
RAWP	Remedial Action Work Plan
RI	Remedial Investigation
RSCOs	Recommended Site Cleanup Objectives
SCG	Standards, Criteria, and Guidelines
SMMP	Soil/Materials Management Plan
SMP	Site Management Plan
SSDS	Sub-slab Depressurization System
SWPPP	Stormwater Pollution Prevention Plan
SVOCs	Semi-Volatile Organic Compounds
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds

FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

In March 2014, Ganesh Management, LLC filed an application with the New York State Department of Environmental Conservation (NYSDEC) to investigate and remediate a 0.325-acre property located at 39-40 30th Street in Queens County, New York as a Volunteer in the New York State Brownfield Cleanup Program (BCP). There have been no plans to repurpose the property. The site has been remediated to a Track 4 – Restricted Residential Use Soil Cleanup Objectives.

1.1 SITE DESCRIPTION

The subject site is located on the northwest corner of the intersection between 40th Avenue and 30th Street in Queens, New York. The site is designated as Block 399, Lot 34 on the Queens Tax Map; it consists of a single tax parcel with 133 feet of street frontage on 30th Street and 100 feet of street frontage on 40th Avenue for a total of 14,000 square feet (0.325 acres). The lot is currently developed with a two-story commercial warehouse which occupies 70% of the lot.

A boundary map is provided. The 0.325-acre property is fully described in **Attachment B – Easement and Metes and Bounds**.

1.2 DESCRIPTION OF SURROUNDING PROPERTY

The surrounding land use includes commercial properties and a NYS BCP site to the north, a taxi/vehicle storage yard and a hotel to the east, a commercial warehouse office building and a hotel to the south, and a church and commercial building to the west.

Areas south and east of the Site were historically characterized by heavy industry and manufacturing. Following a steady decline of manufacturing in the area from the late 1960's through the 1980's, many of the industrial properties were vacated leaving the buildings to be vandalized and become derelict. Conditions continued to decline throughout the 1980's and 1990's.

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

Based on the results of the Remedial Investigation, the following Remedial Action Objectives were identified for this site.

2.1.1 Soil

RAOs for Public Health Protection

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

RAOs for Environmental Protection

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

2.1.2 Soil Vapor

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

2.1.3 Groundwater

RAOs for Public Health Protection

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

RAOs for Environmental Protection

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

2.2 DESCRIPTION OF SELECTED REMEDY

The Site was remediated in accordance with the remedy selected by the NYSDEC in the Decision Document dated August 2016. The approved RAWP was dated August 2016 and the approved Soil Vapor Extraction Design Document dated September 2016.

The factors considered during the selection of the remedy are those listed in the 6NYCRR 375-1.8. After consideration, the Track 4 alternative (Alternative 2) was selected. The following are components of the selected remedy:

1. Installation of a Soil Vapor Extraction (SVE) system on the first floor of the facility;
2. The cover system is comprised of concrete-covered sidewalks, parking areas and concrete building slabs. The concrete building slabs are approximately 6 inches thick, the paved parking areas are approximately 6-8 inches thick. The paved parking area cover is considered equivalent to 2 feet of clean soil cover.
3. Development and implementation of a Site Management Plan (SMP) for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operations and maintenance, and (4) reporting;
4. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination on site; and
5. Periodic certification of the institutional and engineering controls listed above.

3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS, AND REMEDIAL CONTRACTS

3.1 INTERIM REMEDIAL MEASURES WORK PLAN (IRM)

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

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved Remedial Design for the Former Union Wire Die Corp. site in September 2016. All deviations from the Remedial Design are noted in Section 4.9.

4.1 GOVERNING DOCUMENTS

4.1.1 Site Specific Health and Safety Plan (HASP)

The Health and Safety Plan for the implementation of remedial actions at the Former Union Wire Die Site was included as Attachment C of the Remedial Action Work Plan (RAWP).

All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA. The Health and Safety Plan (HASP) was complied with for all remedial and invasive work performed at the Site.

4.1.2 Quality Assurance Project Plan (QAPP)

The QAPP was included as Attachment D of the Remedial Action Work Plan (RAWP) approved by the NYSDEC. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/quality control activities designed to achieve the project data quality objectives.

4.1.3 Construction Quality Assurance Plan (CQAP)

The Construction Quality Assurance Plan (CQAPs) managed performance of the Remedial Action tasks through designed and documented QA/QC methodologies applied in the field and in the lab. The CQAP provided a detailed description of the observation and testing activities that were used to monitor construction quality and confirm that remedial construction was in conformance with the remediation objectives and specifications.

The following organizations and key personnel were involved in the implementation of the remedy:

Name	Title	Organization	Responsibility
Charles Sosik, P.G., P.HG	BCP Project Manager	EBC	Oversee remedial plans; manages remedial actions; serves as contact between agency and environmental professionals
Chawinie Reilly	Environmental Project Manager	EBC	Oversaw development of RAWP; coordinated day-to-day field activities; oversight of RAWP implementation
Ariel Czemerinski, PE	Remedial Engineer	AMC Engineering	Overall responsibility for implementation of remedial plan; designed the SVE system; oversaw installation of SVE system
Patrick Recio, Hong Pong Lau, Thomas Gallo, Kevin Waters	QEP	EBC	Collected air samples; preparation of inspection reports and updates to the RE, SVE system installation
Elbio Cruz	Environmental Driller and System Installer	C Squared Environmental Corporation	Performed the extraction well installations under the direction of AMC Engineering and installed the SVE system

The QEP provided updates to the Environmental Project Manager and Remedial Engineer (RE) who both made periodic visits to the Site as needed to assure installation quality. There was minimal soil disruption and so a modified CAMP was employed. C Squared, with assistance from EBC, completed the installation of the SVE system as designed by the remedial engineer. EBC also collected samples and measurements as outlined in the RAWP and Design Document. Confirmatory radius of influence measurements can be found in the Design Document in **Attachment I**, under the section describing the pilot test results.

Daily status reports were prepared by the Environmental Project Manager in consultation with the QEP and distributed to the project contact list via email. Digital records were maintained by EBC and AMC, including air monitoring reports, photographic documentation of daily work, and any additional correspondence with the NYSDEC or the client.

4.1.4 Soil/Material Management Plan (S/MMP)

The remedial plan included the installation of SVE system. This required minimal soil disruption, which was overseen by a QEP from EBC. Given that soil was kept in place, the

S/MMP employed controls to assure effective, nuisance-free performance in compliance with all applicable Federal, State, and local laws and regulations.

4.1.5 Storm water Pollution Prevention Plan (SWPPP)

Storm water pollution prevention measures for storm water runoff were not implemented, since all work was done indoors, and there was no pathway for debris from remedial activities to leech into the soil or groundwater.

4.1.6 Community Air Monitoring Plan (CAMP)

The CAMP provides measures for protection for on-site workers and the downwind community (i.e., off-site receptors including residences, businesses, and on-site workers not directly involved in the remedial work) from potential airborne contaminant releases resulting from remedial activities.

Given that soil disruption did not occur and construction was minimal, the CAMP was modified to meet Site needs. Indoor air quality was monitored throughout the process to protect building habitants and workers. The primary concerns for this site are vapors, nuisance odors, and dust particulates. A copy of the CAMP air monitoring reports performed at this site can be found in **Attachment C**.

4.1.7 Contractors Site Operations Plan (SOP)

The Remedial Engineer reviewed all plans and submittals for this remedial project and confirmed that they were in compliance with the RAWP. All remedial documents were submitted to the NYSDEC and NYSDOH in a timely manner and prior to the start of work.

4.1.8 Community Participation Plan (CPP)

A certification of mailing was sent by the Volunteer to the NYSDEC project manager following the distribution of all Fact Sheets; this included: (1) certification that the Fact Sheets were mailed, (2) the date they were mailed; (3) a copy of the Fact Sheet, (4) a list of recipients (contact list); and (5) a statement that the repository was inspected and that it contained all of applicable project documents. In addition, Fact Sheets issued during the course of the project were translated in to Spanish.

Document repositories have been established at the following locations and contain all applicable project documents:

Queens Public Library

Long Island City Branch
37-44 21st Street
Long Island City, NY 11101
(718) 752-3700

Community Board 1

45-02 Ditmars Blvd
LL Suite 1025
Astoria, NY 11106
(718) 626-1021

4.2 REMEDIAL PROGRAM ELEMENTS

4.2.1 Contractors and Consultants

- C Squared Environmental Corporation (C2)
 - Drilling Services for the Remedial Investigation
 - Installed and assembled SVE system
- Environmental Business Consultants (EBC)
 - Environmental Consultant
 - Qualified Environmental Professional
 - Performed Indoor Air Quality Monitoring
 - Perform Soil Screening and Endpoint Sampling
 - Document Remedial Program
 - Reporting (Daily, Monthly)
 - Installed and assembled SVE system

- AMC Engineering, PLLC (AMC)
 - Remedial Engineer
 - Perform Periodic Inspections of Work / Methods
 - Certify Compliance with RAWP and Associated Plans
 - Design, inspect, and certify the SVE system
 - Design, inspect, and certify the cover system
 - Certify Compliance with FER and Associated Plans

All soil, groundwater, and soil vapor testing was completed by qualified environmental professionals from EBC. An investigation of the underground storage tank, including sidewall sampling, was completed by EBC in August of 2016. The sampling event confirmed that the tank has been properly abandoned underground and does not need to be removed.

SVE extraction wells were installed between July and October of 2016 by C Squared Environmental. A pilot test was conducted by AMC Engineering using a single extraction well and test blower to determine the effective ROI on August 3rd, 2016. AMC prepared and submitted a Soil Vapor Extraction System Design Document for the NYSDEC, and it was approved in September 2016. The SVE System installation was completed by EBC and C Squared Environmental in October 2016 and began operation on October 31, 2016.

4.2.2 Site Preparation

Storm water pollution prevention measures for storm water runoff were not implemented, since all work was done indoors, and there was no pathway for debris from remedial activities to leech into the soil or groundwater.

A pilot test was conducted in the presence of the NYSDEC on August 3rd to size the wells and blower for the SVE system. The Design Document listed the materials required for system.

Documentation from the NYSDEC, such as agency approvals required by the RAWP, indoor air monitoring, and groundwater monitoring requirements, can be found in **Attachment D**.

All SEQRA requirements and all substantive compliance requirements for attainment of applicable natural resources or other permits were achieved during this Remedial Action.

4.2.3 General Site Controls

The subject property currently contains one warehouse used as an office space and distribution center for electronic goods. The office is secured with locked doors that require employee clearance to enter. There are also security cameras on-site, including the area that contains the SVE System.

EBC and AMC have collected job site records at their main offices, located in Ridge and Astoria, respectively. Ganesh Management has also been provided with all records pertaining to their Site. These records include any daily status or action reports as completed by C Squared, EBC, or AMC.

The Site is an enclosed building; minimal erosion and sediment controls were required to prevent fugitive dust during well installations from being released into the building and surrounding environment. Soil excavation was not required during the SVE installation process, therefore soil screening and stockpiling were not necessary. Soil clippings were generated during the installation of the SVE wells, and stored within an onsite 55-gallon drum. Indoor air quality was monitored throughout the remedial process by a QEP.

4.2.4 Nuisance Controls

Potential nuisances on-Site include odor, dust, and pests. The RAWP developed Control Plans for each of these potential sources. The odor control plan managed off-Site and on-Site emissions. QEP were required to oversee all well installations and the construction of the SVE System to report any issues with nuisance odors. The facility had to be well-ventilated. If nuisance odors were identified, work would be halted and the source of odors would be abated. There were no issues with odor during the remedial process.

As per RAWP, a dust suppression plan was developed that mitigated the release of particles during invasive on-Site work. However, dust suppression did not need to be implemented, since

open excavations and stockpiling did not occur at the Site. As a precautionary measure, a fan was placed onsite, facing towards the east entrance/driveway.

A plan for rodent control was developed to protect the Site from off-Site nuisances. The work area was expected to be clear of any debris.

4.2.5 CAMP Results

CAMP was conducted on July 13, 2016, July 16, 2016 and October 22, 2016 during sample collection and installation of the SVE system. No action levels were exceeded during these activities. Copies of all field data sheets relating to the CAMP are provided in electronic format in Appendix C.

4.2.6 Reporting

In accordance with the approved RAWP, daily status reports were prepared and submitted to the NYSDEC and the project team. Daily reports included a listing of contractors, personnel and equipment on-Site, description of activities performed by contractors, CAMP monitoring results, materials imported/exported to/from the Site and planned activities for the following day.

Monthly project status reports were prepared by the EBC Project Manager and distributed to the NYSDEC and project team. Monthly reports included a summary of the activities performed during the month and those anticipated during the next month, and a summary of sampling results and delays in the schedule.

All daily and monthly reports are included in electronic formation in Attachment E. The digital photo log required by the Remedial Design or RAWP is included in electronic format in Attachment F.

4.3 MATERIALS REMOVAL

4.3.1 Soil

No soil was removed from the site and therefore any pre-existing contamination still remains on site. An investigation of the underground storage tank, including sidewall endpoint sampling, was completed by EBC in August of 2016. The sampling event confirmed that the tank has been properly abandoned underground and does not need to be removed.

A list of the soil cleanup objectives (SCOs) for the contaminants of concern for this project is provided in **Table 1**.

4.3.2 Groundwater

There was no removal or treatment of contaminated groundwater.

4.3.3 Soil Vapor

The Remedial Investigation indicated elevated CVOC levels in sub-slab soil vapor samples. An Immediate Action was undertaken in December 2015 after measured TCE levels exceeded NYSDOH guidelines for indoor air quality. In the interim, a temporary carbon filtration system was installed to address CVOCs. Remedial actions included the installation and operation of an SVE system. Once the SVE system was running, the temporary carbon filtration system was no longer required at the site. The amount of contaminated soil vapor removal has been quantified. Between October 31, 2016 and September 25, 2017, a total 35.24 lbs of VOCs were removed, as noted in **Table 5 Remedial Performance Sampling Results** and in **Figures 7A-C**. It is the intention to leave the SVE system operating until soil vapor contamination is mitigated; the SVE system will then be converted to an SSDS under the direction of the NYSDEC.

4.4 REMEDIAL PERFORMANCE/DOCUMENTATION SAMPLING

4.4.1 Supplemental Groundwater and Soil Sampling

As per approved RAWP, a “pre-design study” report was submitted to the NYSDEC. This report, titled “Additional Soil and Groundwater Sampling” (dated October 19, 2016), was submitted by EBC, and addresses two concerns:

- a) Groundwater and soil sampling at up-gradient locations to assess on-site migration of TCE and PCE from off-site sources;
- b) Soil sampling around an existing closed-in-place underground storage tank (UST) to assess the levels of contamination (if any) and potential remediation required;

Supplemental Soil Sampling

In July 2016, a total of six (6) soil borings (16B1-16B6) were advanced to a terminal depth of 12-20 feet below grade, depending on the location. All borings were advanced with a Geoprobe™ (model 54LT) direct push drill rig, and samples were collected utilizing 4-foot acetate liners. Soils were screened and characterized by an Environmental Professional (EP) from EBC, and visually inspected for signs of contamination. Samples were collected and submitted to Phoenix Environmental Labs for analysis. Overall, the characterized soils consisted of fill material from 0-4 feet below grade (varies on boring), underlain by brown silty-sand to the termination depth.

The analytical results revealed that the VOCs, trichloroethene (TCE) and tetrachloroethene (PCE), were present in exceedance to the Unrestricted Use SCOs, but below Restricted-Residential Use SCOs. Trichloroethene was detected above unrestricted SCOs in five soil samples including, 16SB1 0-2' (520 µg/Kg), 16SB3 0-2' (19,000 µg/Kg) and 5-7' (1,000 µg/Kg), 16SB4 0-2' (9,200 µg/Kg), and 16SB5 0-2'(4,800 µg/Kg). Tetrachloroethene was detected in four soil samples including, 16SB2 0-2' (6,300 µg/Kg), 16SB3 0-2' (2,400 µg/Kg), 16SB4 0-2' (2,000 µg/Kg), and 16SB5 0-2'(1,320 µg/Kg). No VOCs were present above Unrestricted Use SCOs in the 10-12 ft and 15-16 ft interval samples.

Results of the sampling and copies of the laboratory reports can be found in **Attachment G**. Data Usability Summary Reports were prepared for all data generated in this remedial performance evaluation program, and can be found in **Attachment H**.

Supplemental Groundwater Sampling

In July 2016, a round of groundwater samples from seven (7) on-site monitoring wells MW1-MW7, and three (3) off-site monitoring wells MW ADJ 2, MW ADJ 3, and MW ADJ5 were collected by the EP. Samples were collected and submitted to Phoenix Environmental Labs for analysis. The groundwater samples were compared to the water quality standards specified in the NYSDEC's Groundwater Quality Standards (GQS).

The analytical results revealed that there were three VOCs including, cis-1,2-dichloroethene, tetrachloroethene (PCE) and trichloroethene (TCE), detected above GQS in the ten groundwater samples collected. PCE ranging from 19 µg/L to 720 µg/L was detected above its respective GQS in all of the samples collected from MW1 through MW7 and adjacent monitoring wells 2, 3 and 5. TCE ranging from 11 µg/L to 390 µg/L was only detected above its respective GQS in MW1, MW3, MW4, MW6, and adjacent monitoring well 3. Cis-1,2-dichloroethene at 14 µg/L was detected above its respective GQS in MW4.

Results of the sampling and copies of the laboratory reports can be found in **Attachment G**. Data Usability Summary Reports were prepared for all data generated in this remedial performance evaluation program, and can be found in **Attachment H**.

UST Investigation and Sidewall Endpoint Sampling

In August 2016, EBC mobilized onsite with Brookside Environmental to conduct an investigation of an on-site UST, to determine whether the tank was closed-in-place or still contained product. The UST is located on the northern side of the property, within the garage of the building. The inspection revealed structural foam within the tank and tank and it's manhole cover, indicative that the tank was properly abandoned and closed-in-place.

In August 2016, EBC mobilized onsite with C2 to obtain tank endpoint samples, to characterize the soils around the tank. Four (4) samples were obtained around the tank at 12 ft below grade, in

the North, South, East, and West locations. The depth of 12 ft below grade corresponds to approximately 2 or 3 ft below the bottom of the tank. Samples were collected and submitted to Phoenix Environmental Labs for analysis.

The analytical results did not reveal any VOCs or SVOCs concentrations above the Unrestricted Use SCOs. Based on the results of this investigation, there was no evidence of a release scenario associated with the closed-in-place UST and that it is not a source of contamination at the Site.

Results of the sampling and copies of the laboratory reports can be found in **Attachment G**. Data Usability Summary Reports were prepared for all data generated in this remedial performance evaluation program, and can be found in **Attachment H**.

4.4.2 SVE System and Quarterly SVE System Monitoring

The SVE system consists of four (4), 2-inch diameter soil vapor extraction well installed within the source area at depths 2.5 to 12.5 feet below the building slab. The extraction wells are connected via 4-inch and 6-inch diameter Schedule 40 PVC pipe to a 7.5HP regenerative blower with a particulate filter. After air is removed from the soil vapor extraction well by a blower, it passes through two, 180-pound vapor-phase granular activated carbon units arranged in parallel before discharge to the atmosphere through a 2-inch diameter emission line. A breakthrough meter, with color indicator was installed after the carbon drums. The breakthrough meter is initially purple and turns brown when breakthrough occurs. Breakthrough was noted in June 2017 and the carbon drums and breakthrough meter were replaced. Based on this, breakthrough is anticipated every nine months. The SVE system was started on October 31, 2016. However, the SVE system did not run continuously until November 10, 2016.

The SVE system was monitored quarterly from November 10, 2016 to the present. From each well head, a representative sample was obtained in a tedlar bag, which was then screened with a photoionization detector (PID, MiniRAE 3000) and PID readings were collected directly from the sampling ports. The results of the PID screening and total VOCs mass removed can be found in **Table 5**, and a graphical representation can be found in **Figure 8**.

Based on the remedial investigation findings, the primary VOC of concern for this project was trichloroethylene (TCE). As shown in **Figure 7C**, the indoor air levels of TCE dropped significantly upon the start of the SVE system. Additional monitoring post-SVE startup, as shown in **Figure 8**, revealed an initial decrease of VOCs concentrations over the first two months, followed by a rebound effect of VOCs concentrations, reaching concentrations close to the start of the monitoring period. This initial decrease is likely attributed to on-site contamination being remediated via SVE system, and the latter increase is likely attributed to off-site contamination migrating onto the site, and not originating from this project site. Evidence of breakthrough and the initial decrease in measurable VOCs, indicates that the system is performing as designed.

4.5 IMPORTED BACKFILL

No materials were imported to the Site.

4.6 REMAINING CONTAMINATION

The intent of this project is to achieve the Track 4 Cleanup criteria on the parcel which comprises the Site. The cleanup consists of the installation of a soil vapor extraction (SVE) system beneath the building slab. The cleanup did not require any active removal actions with respect to the soils and groundwater onsite.

4.6.1 Soil

No soils were removed as part of the remedial action, and so all soil contamination identified in the Remedial Investigation is remaining. A cover system is in place over the existing soil as noted in Figure 5 Engineering Controls Location.

4.6.2 Groundwater

Groundwater sampling revealed elevated levels of CVOCs present. Based on the shallow depth of the impacted soils beneath the building, a release of TCE may have occurred at the site. The existing soil vapor extraction system will address the source area beneath the building, and

groundwater quality will improve as a result of the VOC mass removal from the soil. Continued groundwater sampling has been included in the site management plan to monitor progress.

As per letter by the NYS DEC (dated May 12, 2017), an on-site groundwater remedy will not be required under the decision document. A copy of this letter can be found in **Attachment D**.

4.6.3 Soil Vapor

A soil vapor intrusion evaluation was completed during the Remedial Investigation. Chlorinated VOCs were reported in all soil gas locations from 2013 and 2014. TCE was noted above 2 ug/m³ to a maximum concentration of 9,400 ug/m³. PCE was noted above 30 ug/m³ in four sample locations (SG1, SG2, SG3 and SG6) with a maximum concentration of 9,760 ug/m³ at SG-2. 1,1,1-Trichloroethane, Cis-1,2-dichloroethene, and carbon tetrachloride were also reported in some samples. An Immediate Action Report (IA) was prepared on December 18, 2015 by AMC after elevated indoor air concentrations of Trichloroethene (TCE) were reported above 20 ug/m³, which exceeded NYSDOH guidelines.

The sub-slab and indoor air concentrations were monitored between October 2015 and December 2016. The SVE system was started in between this time period, in October 2016. As per discussion with NYSDEC, monthly sampling of indoor air was no longer required after December of 2016. Instead, an annual indoor air sample is required during the heating season. Results for the subslab and indoor air testing can be found in **Figures 7A, 7B, and 7C**, which show the change over time for total VOCs, PCE, and TCE, respectively. Results of the sampling and copies of the laboratory reports can be found in **Attachment J**.

The SVE system will continue operating until levels become asymptotic, and then the system will be converted to an SSDS upon approval by the NYSDEC.

4.7 ENGINEERING CONTROLS

Since remaining contaminated soil and soil vapor exist beneath the site, Engineering Controls (EC) are required to protect human health and the environment. The site has the following primary Engineering Controls, as described in the following subsections.

4.7.1 Site Cover (Cap) System

Exposure to remaining contamination at the site is prevented by a cover system placed over the Track 4 portions of the Site. This cover system is comprised of concrete-covered sidewalks, concrete building slabs and paved parking areas. **Figure 5** presents the location of the cover system. The SMP includes an Excavation Work Plan (EWP) that outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining contamination is disturbed.

4.7.2 Soil Vapor Extraction System

The SVE system consists of four (4), 2-inch diameter soil vapor extraction well installed within the source area at depths 2.5 to 12.5 feet below the building slab. The extraction wells are connected via 4-inch and 6-inch diameter Schedule 40 PVC pipe to a 7.5HP regenerative blower with a particulate filter. After air is removed from the soil vapor extraction well by a blower, it passes through two, 180-pound vapor-phase granular activated carbon units arranged in parallel before discharge to the atmosphere through a 2-inch diameter emission line. The SVE system was started on October 31, 2016. However, the SVE system did not run continuously until November 10, 2016.

Procedures for operating and maintaining the Soil Vapor Extraction system are documented in the Operation and Maintenance Plan (Section 5.3 of the Site-specific SMP). **Figure 6** shows the layout of the SVE system installed at the Site.

4.8 INSTITUTIONAL CONTROLS

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

The environmental easement for the site was executed by the Department on April 18, 2017, and filed with the Queens County Clerk on May 4, 2017. The County Recording Identifier number for this filing is 2017000171134. A copy of the easement and proof of filing is provided in Attachment B.

4.9 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

Orientation of Carbon Vessels in the SVE System

The SVE design document indicates that the two vapor-phase activated carbon drums will be arranged in series. However, the carbon drums were installed in parallel, due to the high air flow generated from the blower. Due to the dual effluent-stream, the monitoring requirements for the SVE system had to be modified as follows:

- The addition of breakthrough meters for both air streams (originally proposed was one);
- Amended the “Pre-, Mid-, and Post-Carbon” sampling to “Pre-, and Post-Carbon”, since a “mid” section no longer exists.
- SVE connecting piping runs were installed overhead instead of in trenches within the building slab.
- A NYCDEP Industrial Work Permit was not obtained.

Although the orientation of carbon vessels in the SVE system was modified, the total contact time between the effluent air and the activated carbon remains the same. Therefore, these changes have no impact on the remedy design and performance.

TABLES:

TABLE 1
Soil Cleanup Objectives

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
VOLATILES							
1,1,1-Trichloroethane	71-55-6	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	0.68
1,1-Dichloroethane	75-34-3	19	26	240	480	NS	0.27
1,1-Dichloroethene	75-35-4	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	0.33
1,2-Dichlorobenzene	95-50-1	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	1.1
1,2-Dichloroethane	107-06-2	2.3	3.1	30	60	10	0.02 ^t
cis-1,2-Dichloroethene	156-59-2	59	100 ^a	500 ^b	1,000 ^c	NS	0.25
trans-1,2-Dichloroethene	156-60-5	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	0.19
1,3-Dichlorobenzene	541-73-1	17	49	280	560	NS	2.4
1,4-Dichlorobenzene	106-46-7	9.8	13	130	250	20	1.8
1,4-Dioxane	123-91-1	9.8	13	130	250	0.1 ^e	0.1 ^e
Acetone	67-64-1	100 ^a	100 ^b	500 ^b	1,000 ^c	2.2	0.05
Benzene	71-43-2	2.9	4.8	44	89	70	0.06
Butylbenzene	104-51-8	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	12
Carbon tetrachloride	56-23-5	1.4	2.4	22	44	NS	0.76
Chlorobenzene	108-90-7	100 ^a	100 ^a	500 ^b	1,000 ^c	40	1.1
Chloroform	67-66-3	10	49	350	700	12	0.37
Ethylbenzene	100-41-4	30	41	390	780	NS	1
Hexachlorobenzene	118-74-1	0.33 ^e	1.2	6	12	NS	3.2
Methyl ethyl ketone	78-93-3	100 ^a	100 ^a	500 ^b	1,000 ^c	100 ^a	0.12
Methyl tert-butyl ether	1634-04 -4	62	100 ^a	500 ^b	1,000 ^c	NS	0.93
Methylene chloride	75-09-2	51	100 ^a	500 ^b	1,000 ^c	12	0.05
n-Propylbenzene	103-65-1	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	3.9
sec-Butylbenzene	135-98-8	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	11
tert-Butylbenzene	98-06-6	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	5.9
Tetrachloroethene	127-18-4	5.5	19	150	300	2	1.3
Toluene	108-88-3	100 ^a	100 ^a	500 ^b	1,000 ^c	36	0.7
Trichloroethene	79-01-6	10	21	200	400	2	0.47
1,2,4-Trimethylbenzene	95-63-6	47	52	190	380	NS	3.6
1,3,5-Trimethylbenzene	108-67-8	47	52	190	380	NS	8.4
Vinyl chloride	75-01-4	0.21	0.9	13	27	NS	0.02
Xylene (mixed)	1330-20 -7	100 ^a	100 ^a	500 ^b	1,000 ^c	0.26	1.6

All soil cleanup objectives (SCOs) are in parts per million (ppm). NS=Not specified. See Technical Support Document (TSD). Footnotes

a The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm. See TSD section 9.3.

b The SCOs for commercial use were capped at a maximum value of 500 ppm. See TSD section 9.3.

c The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm. See TSD section 9.3.

d The SCOs for metals were capped at a maximum value of 10,000 ppm. See TSD section 9.3.

e For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

TABLE 4
Former Union Wire Die Corp.
39-40 30th Street
Long Island City, New York
UST Endpoint Sample Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Tank N		Tank S		Tank E		Tank W	
			(12)		(12)		(12)		(12)	
			8/29/2016		8/29/2016		8/29/2016		8/29/2016	
			µg/Kg		µg/Kg		µg/Kg		µg/Kg	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			<17	17	<15	15	<7.3	7.3	<14	14
1,1,1-Trichloroethane	680	100,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,1,2,2-Tetrachloroethane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,1,2-Trichloroethane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,1-Dichloroethane	270	26,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,1-Dichloroethane	330	100,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,1-Dichloropropene			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,2,3-Trichlorobenzene			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,2,3-Trichloropropane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,2,4-Trichlorobenzene			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,2,4-Trimethylbenzene	3,600	52,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,2-Dibromo-3-chloropropane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,2-Dibromomethane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,2-Dichlorobenzene	1,100	100,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,2-Dichloroethane	20	3,100	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,2-Dichloropropane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,3,5-Trimethylbenzene	8,400	52,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,3-Dichlorobenzene	2,400	4,900	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,3-Dichloropropane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,4-Dichlorobenzene	1,800	13,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
1,4-Dioxane			<63	63	<57	57	<100	100	<54	54
2,2-Dichloropropane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
2-Chlorotoluene			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
2-Hexanone (Methyl Butyl Ketone)			<21	21	<19	19	<37	37	<18	18
2-Isopropyltoluene			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
4-Chlorotoluene			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
4-Methyl-2-Pentanone			<21	21	<19	19	<37	37	<18	18
Acetone	50	100,000	<21	21	<19	19	<37	37	<18	18
Acrolein			<17	17	<15	15	<29	29	<14	14
Acrylonitrile			<17	17	<15	15	<15	15	<14	14
Benzene	60	4,800	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Bromobenzene			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Bromochloromethane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Bromodichloromethane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Bromoform			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Bromomethane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Carbon Disulfide			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Carbon tetrachloride	760	2,400	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Chlorobenzene	1,100	100,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Chloroethane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Chloroform	370	49,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Chloromethane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
cis-1,2-Dichloroethane	250	100,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
cis-1,3-Dichloropropene			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Dibromochloromethane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Dibromomethane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Dichlorodifluoromethane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Ethylbenzene	1,000	41,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Hexachlorobutadiene			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Isopropylbenzene			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
m,p-Xylenes	260	100,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Methyl Ethyl Ketone (2-Butanone)	120	100,000	<25	25	<23	23	<44	44	<21	21
Methyl t-butyl ether (MTBE)	930	100,000	<8.4	8.4	<7.6	7.6	<15	15	<7.1	7.1
Methylene chloride	50	100,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Naphthalene	12,000	100,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
n-Butylbenzene	12,000	100,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
n-Propylbenzene	3,900	100,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
o-Xylene	260	100,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
p-Isopropyltoluene			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
sec-Butylbenzene	11,000	100,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Styrene			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Tert-Butyl Alcohol			<84	84	<76	76	<150	150	<71	71
tert-Butylbenzene	5,900	100,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Tetrachloroethane	1,300	19,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Tetrahydrofuran (THF)			<8.4	8.4	<7.6	7.6	<15	15	<7.1	7.1
Toluene	700	100,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
trans-1,2-Dichloroethane	190	100,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
trans-1,3-Dichloropropene			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
trans-1,4-dichloro-2-butene			<8.4	8.4	<7.6	7.6	<15	15	<7.1	7.1
Trichloroethene			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Trichlorofluoromethane	470	21,000	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Trichlorotrifluoroethane			<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Vinyl Chloride	20	900	<4.2	4.2	<3.8	3.8	<7.3	7.3	<3.6	3.6
Total BTEX Concentration			0		0		0		0	
Total VOCs Concentration			0		0		0		0	

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
RL - Reporting Limit
Bold/highlighted - Indicated exceedance of the NYSDEC UUSCO Guidance Value

TABLE 4
Former Union Wire Die Corp.
39-40 30th Street
Long Island City, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Tank N		Tank S		Tank E		Tank W	
			(12')		(12')		(12')		(12')	
			8/29/2016		8/29/2016		8/29/2016		8/29/2016	
			µg/Kg	RL	µg/Kg	RL	µg/Kg	RL	µg/Kg	RL
1,2,4,5-Tetrachlorobenzene			<240	240	<240	240	<230	230	<240	240
1,2,4-Trichlorobenzene			<240	240	<240	240	<230	230	<240	240
1,2-Dichlorobenzene			<240	240	<240	240	<230	230	<240	240
1,2-Diphenylhydrazine			<240	240	<240	240	<230	230	<240	240
1,3-Dichlorobenzene			<240	240	<240	240	<230	230	<240	240
1,4-Dichlorobenzene			<240	240	<240	240	<230	230	<240	240
2,4,5-Trichlorophenol			<240	240	<240	240	<230	230	<240	240
2,4,6-Trichlorophenol			<170	170	<170	170	<160	160	<170	170
2,4-Dichlorophenol			<170	170	<170	170	<160	160	<170	170
2,4-Dimethylphenol			<240	240	<240	240	<230	230	<240	240
2,4-Dinitrophenol			<240	240	<240	240	<230	230	<240	240
2,4-Dinitrotoluene			<170	170	<170	170	<160	160	<170	170
2,6-Dinitrotoluene			<170	170	<170	170	<160	160	<170	170
2-Chloronaphthalene			<240	240	<240	240	<230	230	<240	240
2-Chlorophenol			<240	240	<240	240	<230	230	<240	240
2-Methylnaphthalene			<240	240	<240	240	<230	230	<240	240
2-Methylphenol (o-cresol)	330	100,000	<240	240	<240	240	<230	230	<240	240
2-Nitroaniline			<240	240	<240	240	<230	230	<240	240
2-Nitrophenol			<240	240	<240	240	<230	230	<240	240
3,4-Methylphenol (m&p-cresol)	330	100,000	<240	240	<240	240	<230	230	<240	240
3,3'-Dichlorobenzidine			<170	170	<170	170	<160	160	<170	170
3-Nitroaniline			<340	340	<340	340	<330	330	<340	340
4,6-Dinitro-2-methylphenol			<200	200	<200	200	<200	200	<200	200
4-Bromophenyl phenyl ether			<240	240	<240	240	<230	230	<240	240
4-Chloro-3-methylphenol			<240	240	<240	240	<230	230	<240	240
4-Chloroaniline			<270	270	<270	270	<260	260	<270	270
4-Chlorophenyl phenyl ether			<240	240	<240	240	<230	230	<240	240
4-Nitroaniline			<340	340	<340	340	<330	330	<340	340
4-Nitrophenol			<340	340	<340	340	<330	330	<340	340
Acenaphthene	20,000	100,000	<240	240	<240	240	<230	230	<240	240
Acenaphthylene	100,000	100,000	<240	240	<240	240	<230	230	<240	240
Acetophenone			<240	240	<240	240	<230	230	<240	240
Aniline			<270	270	<270	270	<260	260	<270	270
Anthracene	100,000	100,000	<240	240	<240	240	<230	230	<240	240
Benz(a)anthracene	1,000	1,000	<240	240	<240	240	<230	230	<240	240
Benzidine			<340	340	<340	340	<330	330	<340	340
Benzo(a)pyrene	1,000	1,000	<170	170	<170	170	<160	160	<170	170
Benzo(b)fluoranthene	1,000	1,000	<240	240	<240	240	<230	230	<240	240
Benzo(ghi)perylene	100,000	100,000	<240	240	<240	240	<230	230	<240	240
Benzo(k)fluoranthene	800	3,900	<240	240	<240	240	<230	230	<240	240
Benzoic acid			<1700	1,700	<1700	1,700	<1600	1,600	<1700	1,700
Benzyl butyl phthalate			<240	240	<240	240	<230	230	<240	240
Bis(2-chloroethoxy)methane			<240	240	<240	240	<230	230	<240	240
Bis(2-chloroethyl)ether			<170	170	<170	170	<160	160	<170	170
Bis(2-chloroisopropyl)ether			<240	240	<240	240	<230	230	<240	240
Bis(2-ethylhexyl)phthalate			<240	240	<240	240	<230	230	<240	240
Carbazole			<170	170	<170	170	<160	160	<170	170
Chrysene	1,000	3,900	<240	240	<240	240	<230	230	<240	240
Dibenz(a,h)anthracene	330	330	<170	170	<170	170	<160	160	<170	170
Dibenzofuran	7,000	59,000	<240	240	<240	240	<230	230	<240	240
Diethyl phthalate			<240	240	<240	240	<230	230	<240	240
Dimethylphthalate			<240	240	<240	240	<230	230	<240	240
Di-n-butylphthalate			<240	240	<240	240	<230	230	<240	240
Di-n-octylphthalate			<240	240	<240	240	<230	230	<240	240
Fluoranthene	100,000	100,000	<240	240	<240	240	<230	230	<240	240
Fluorene	30,000	100,000	<240	240	<240	240	<230	230	<240	240
Hexachlorobenzene			<170	170	<170	170	<160	160	<170	170
Hexachlorobutadiene			<240	240	<240	240	<230	230	<240	240
Hexachlorocyclopentadiene			<240	240	<240	240	<230	230	<240	240
Hexachloroethane			<170	170	<170	170	<160	160	<170	170
Indeno(1,2,3-cd)pyrene	500	500	<240	240	<240	240	<230	230	<240	240
Isophorone			<170	170	<170	170	<160	160	<170	170
Naphthalene	12,000	100,000	<240	240	<240	240	<230	230	<240	240
Nitrobenzene			<170	170	<170	170	<160	160	<170	170
N-Nitrosodimethylamine			<240	240	<240	240	<230	230	<240	240
N-Nitrosodi-n-propylamine			<170	170	<170	170	<160	160	<170	170
N-Nitrosodiphenylamine			<240	240	<240	240	<230	230	<240	240
Pentachloronitrobenzene			<240	240	<240	240	<230	230	<240	240
Pentachlorophenol	800	6,700	<200	200	<200	200	<200	200	<200	200
Phenanthrene	100,000	100,000	<240	240	<240	240	<230	230	<240	240
Phenol	330	100,000	<240	240	<240	240	<230	230	<240	240
Pyrene	100,000	100,000	<240	240	<240	240	<230	230	<240	240
Pyridine			<240	240	<240	240	<230	230	<240	240

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
RL - Reporting Limit
Bold/highlighted - Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted - Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 5 - Remedial Performance Sampling Results

PID Reading from Tedlar Bag (in ppb) [Raw Data]*							
Extraction Point	11/10/2016	11/30/2016	12/21/2016	1/11/2017	3/15/2017	6/16/2017	9/25/2017
VE-1	3469	1419	509	795	1003	1700	1900
VE-2	2546	866	309	1007	1610	1207	3195
VE-3	1547	367	820	1154	1125	1619	2236
VE-4	3816	1039	427	1090	1030	1713	2154

*All readings were measured using a PID with a 10.6 eV lamp, calibrated with isobutylene

PID Readings Adjusted for TCE Only (in ppb)**							
Extraction Point	11/10/2016	11/30/2016	12/21/2016	1/11/2017	3/15/2017	6/16/2017	9/25/2017
VE-1	1873.26	766.26	274.86	429.3	541.62	918	1026
VE-2	1374.84	467.64	166.86	543.78	869.4	651.78	1725.3
VE-3	835.38	198.18	442.8	623.16	607.5	874.26	1207.44
VE-4	2060.64	561.06	230.58	588.6	556.2	925.02	1163.16

**Assume TCE makes up 100% PID reading (worst case). Adjustment formula is:

Adjusted PID Value = PID Reading from Tedlar Bag * 0.54 (correction factor from isobutylene to TCE using a 10.6 eV lamp)

Conversion from ppb to ug/m ³ (in ug/m ³)***							
Extraction Point	11/10/2016	11/30/2016	12/21/2016	1/11/2017	3/15/2017	6/16/2017	9/25/2017
VE-1	10092.00	4128.15	1480.78	2312.81	2917.92	4945.63	5527.47
VE-2	7406.81	2519.36	898.94	2929.56	4683.81	3511.40	9294.88
VE-3	4500.53	1067.67	2385.54	3357.21	3272.85	4709.99	6504.96
VE-4	11101.49	3022.65	1242.23	3171.02	2996.47	4983.45	6266.41

***Conversion Formula (assume atmospheric pressure is 1 atm and temperature is 25° C):

conc.(ug/m³) = conc.(ppb) * mol wt. (g/mole) * 0.041

Vacuum Reading (in inches of water column)							
	11/10/2016	11/30/2016	12/21/2016	1/11/2017	3/15/2017	6/16/2017	9/25/2017
Blower Inlet	-	-29	-31	-31	-31	-30	-30

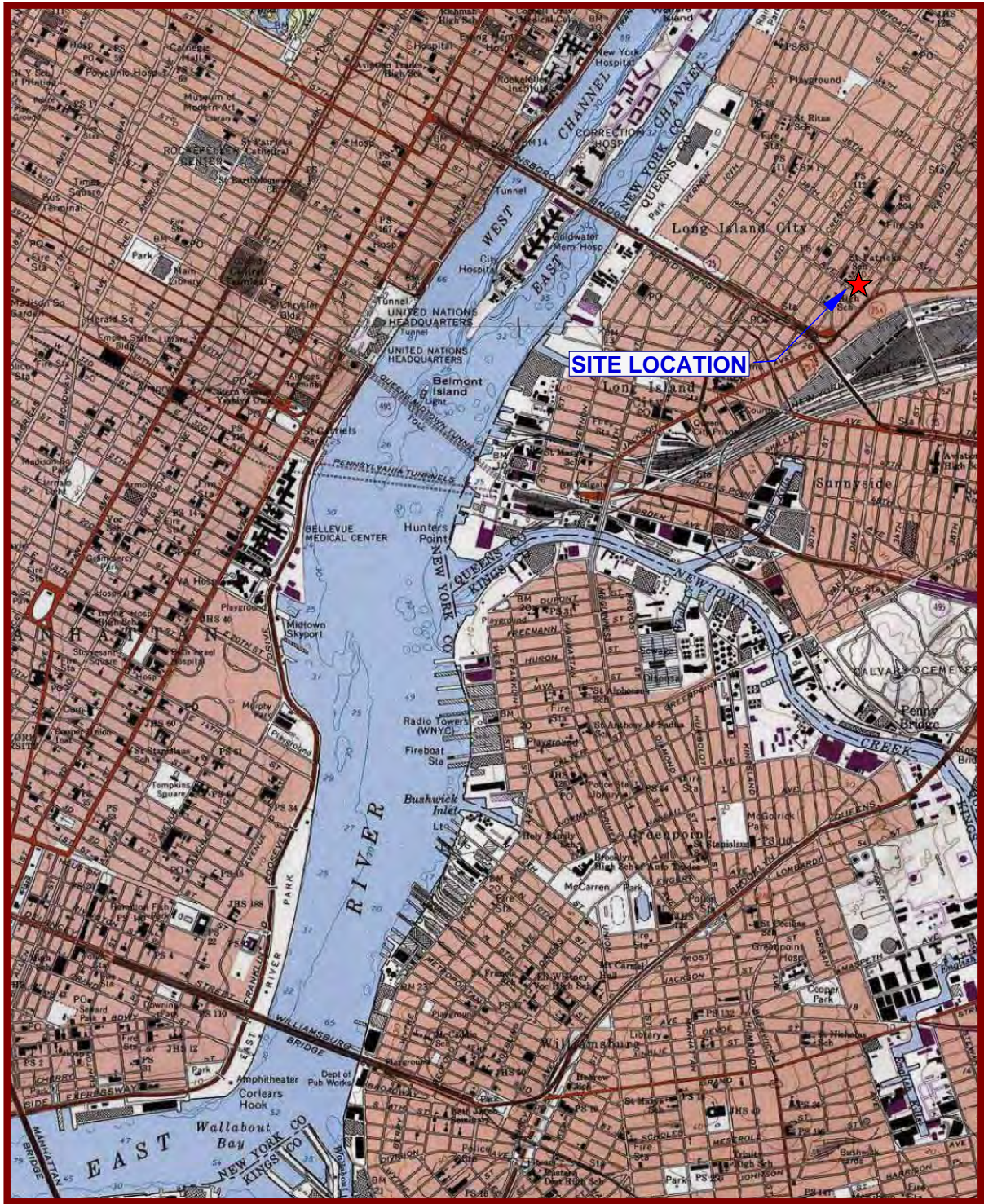
Calculations and Other Data							
Molecular Weight of TCE	131.4	g/mole					
SVE Start Date	10/31/2016						
# days from SVE Start	10	30	51	72	135	228	329
Blower Flow Rate	290	CFM					
Conversion Factor	8.98962E-08	(from ug/m ³ to lbs)					

VOC Mass Removal (From Date 1 to Date 2) = (PID reading 1 + PID reading 2)/2 * Blower Flow Rate/4 * Conversion Factor * (Date 2 - Date 1)

Note: Blower flow rate is divided by 4 since the SVE system has 4 legs with the same flow rate.

VOC Mass Removal from Soil (in lbs)							
Extraction Point	11/10/16-11/30/16	11/30/16-12/16	12/16-1/17	1/17-3/17	3/17-6/17	6/17-9/17	Total Since SVE Start
VE-1	0.93	0.38	0.26	1.07	2.38	3.45	8.47
VE-2	0.65	0.23	0.26	1.56	2.48	4.21	9.40
VE-3	0.36	0.24	0.39	1.36	2.42	3.69	8.46
VE-4	0.92	0.29	0.30	1.27	2.42	3.70	8.90
Total	2.86	1.15	1.22	5.26	9.70	15.06	35.24

FIGURES:

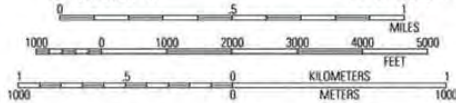


73°59.000' W

73°58.000' W

73°57.000' W

WGS84 73°56.000' W



MNTN
13°

05/04/11

USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet



ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

**39-40 30TH AVENUE
LONG ISLAND CITY, NY 11101**

FIGURE 1

SITE LOCATION MAP



40th AVENUE

LOT 1

LOT 3

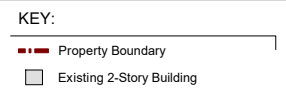
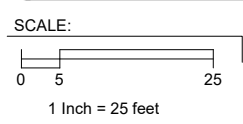
LOT 6

LOT 7

LOT 34

LOT 31

30th STREET

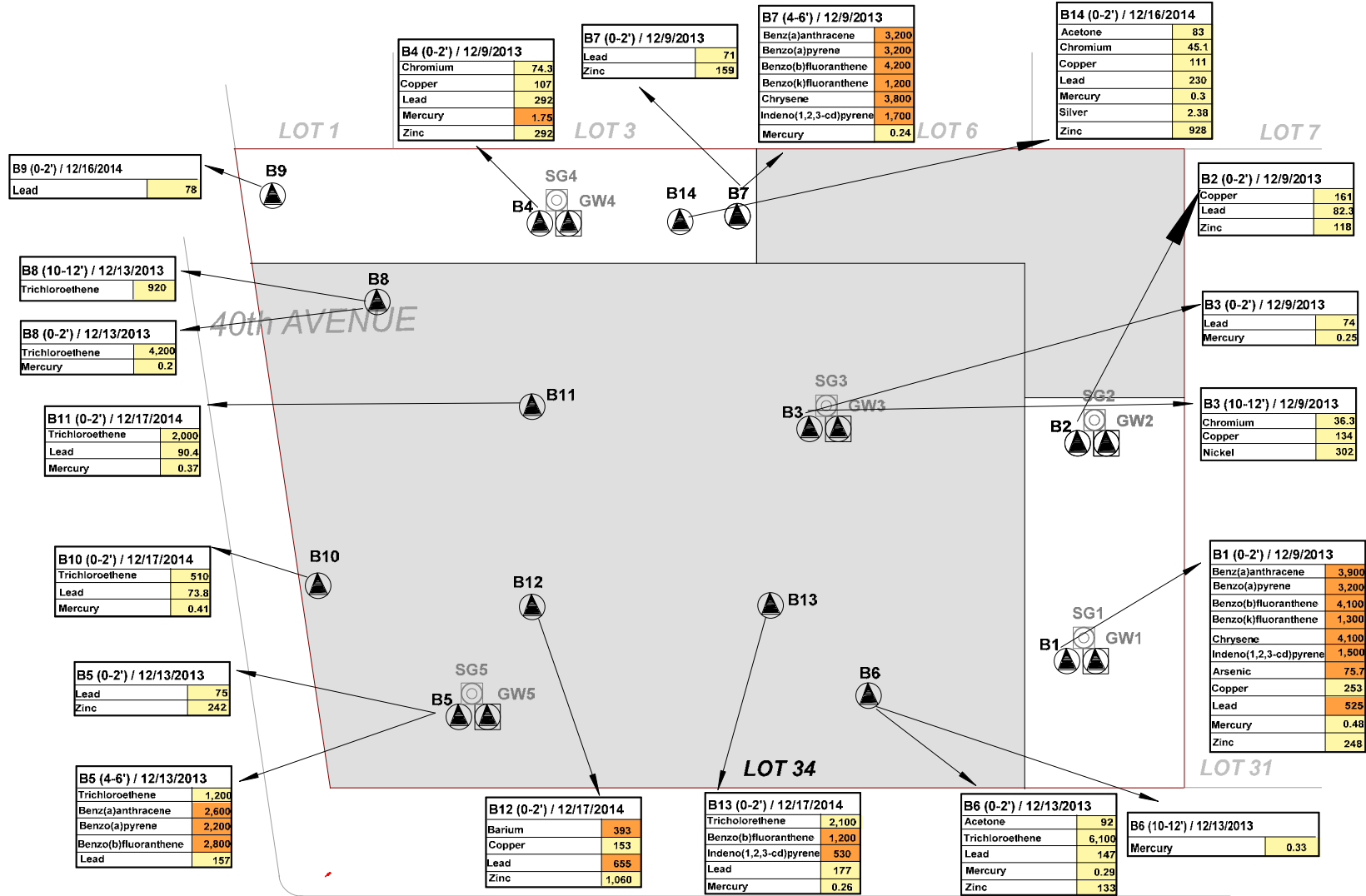


ENVIRONMENTAL BUSINESS CONSULTANTS
 1808 MIDDLE COUNTRY ROAD, RIDGE, NY 11961

Phone 631.504.6000
 Fax 631.924.2780

39-40 30TH STREET
 LONG ISLAND CITY, NY

FIGURE 2 **SITE PLAN**



B9 (0-2') / 12/16/2014

Lead	78
------	----

B8 (10-12') / 12/13/2013

Trichloroethene	920
-----------------	-----

B8 (0-2') / 12/13/2013

Trichloroethene	4,200
Mercury	0.2

B11 (0-2') / 12/17/2014

Trichloroethene	2,000
Lead	90.4
Mercury	0.37

B10 (0-2') / 12/17/2014

Trichloroethene	510
Lead	73.8
Mercury	0.41

B5 (0-2') / 12/13/2013

Lead	75
Zinc	242

B5 (4-6') / 12/13/2013

Trichloroethene	1,200
Benz(a)anthracene	2,600
Benzo(a)pyrene	2,200
Benzo(b)fluoranthene	2,800
Lead	157

B4 (0-2') / 12/9/2013

Chromium	74.3
Copper	107
Lead	292
Mercury	1.76
Zinc	292

B7 (0-2') / 12/9/2013

Lead	71
Zinc	159

B7 (4-6') / 12/9/2013

Benz(a)anthracene	3,200
Benzo(a)pyrene	3,200
Benzo(b)fluoranthene	4,200
Benzo(k)fluoranthene	1,200
Chrysene	3,800
Indeno(1,2,3-cd)pyrene	1,700
Mercury	0.24

B14 (0-2') / 12/16/2014

Acetone	83
Chromium	45.1
Copper	111
Lead	230
Mercury	0.3
Silver	2.38
Zinc	928

B2 (0-2') / 12/9/2013

Copper	161
Lead	82.3
Zinc	118

B3 (0-2') / 12/9/2013

Lead	74
Mercury	0.25

B3 (10-12') / 12/9/2013

Chromium	36.3
Copper	134
Nickel	302

B1 (0-2') / 12/9/2013

Benz(a)anthracene	3,900
Benzo(a)pyrene	3,200
Benzo(b)fluoranthene	4,100
Benzo(k)fluoranthene	1,300
Chrysene	4,100
Indeno(1,2,3-cd)pyrene	1,500
Arsenic	75.7
Copper	253
Lead	525
Mercury	0.48
Zinc	248

B12 (0-2') / 12/17/2014

Barium	393
Copper	153
Lead	655
Zinc	1,060

B13 (0-2') / 12/17/2014

Trichloroethene	2,100
Benzo(b)fluoranthene	1,200
Indeno(1,2,3-cd)pyrene	530
Lead	177
Mercury	0.26

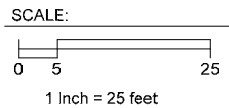
B6 (0-2') / 12/13/2013

Acetone	92
Trichloroethene	6,100
Lead	147
Mercury	0.29
Zinc	133

B6 (10-12') / 12/13/2013

Mercury	0.33
---------	------

VOCs/SVOCs/Pesticides	ppb
Metals	ppm



- KEY:
- Property Boundary
 - Groundwater Sampling Location
 - Soil Boring Location
 - Soil Gas Sampling Location
 - Existing 2-Story Building*

- Exceedence of Restricted Residential SCO
- Exceedence of Unrestricted Use SCO

*Note - Existing building dimensions are approximated.



Environmental Business Consultants
1808 Middle Country Road, Ridge, NY 11961

Phone 631.504.6000
Fax 631.924.2780

FORMER UNION WIRE DIE CORP.
39-40 30TH STREET
LONG ISLAND CITY, NY

FIGURE 3A SOIL EXCEEDENCES AFTER RI

16SB3 7/16/2016	
(0-2')	
Tetrachloroethene	2,400
Trichloroethene	19,000
(5-7')	
Tetrachloroethene	ND
Trichloroethene	1,000

16SB3 7/16/2016	
(10-12')	
Tetrachloroethene	ND
Trichloroethene	ND
(15-16')	
Tetrachloroethene	ND
Trichloroethene	ND

16SB4 7/16/2016	
(0-2')	
Tetrachloroethene	2,000
Trichloroethene	9,200
(5-7')	
Tetrachloroethene	ND
Trichloroethene	ND

16SB4 7/16/2016	
(10-12')	
Tetrachloroethene	ND
Trichloroethene	ND
(15-16')	
Tetrachloroethene	ND
Trichloroethene	ND

16SB1 7/16/2016	
(0-2')	
Tetrachloroethene	ND
Trichloroethene	520
(5-7')	
Tetrachloroethene	ND
Trichloroethene	ND

16SB1 7/16/2016	
(10-12')	
Tetrachloroethene	ND
Trichloroethene	ND
(15-17')	
Tetrachloroethene	ND
Trichloroethene	ND

Tank S 8/29/2016	
(12')	
Tetrachloroethene	ND
Trichloroethene	ND

16SB2 7/16/2016	
(0-2')	
Tetrachloroethene	6,300
Trichloroethene	ND
(5-7')	
Tetrachloroethene	ND
Trichloroethene	ND

Tank W 8/29/2016	
(12')	
Tetrachloroethene	ND
Trichloroethene	ND

16SB2 7/16/2016	
(10-12')	
Tetrachloroethene	ND
Trichloroethene	ND
(15-16')	
Tetrachloroethene	ND
Trichloroethene	ND

Tank N 8/29/2016	
(12')	
Tetrachloroethene	ND
Trichloroethene	ND

Tank N2 10/22/2016	
(12')	
Tetrachloroethene	ND
Trichloroethene	ND

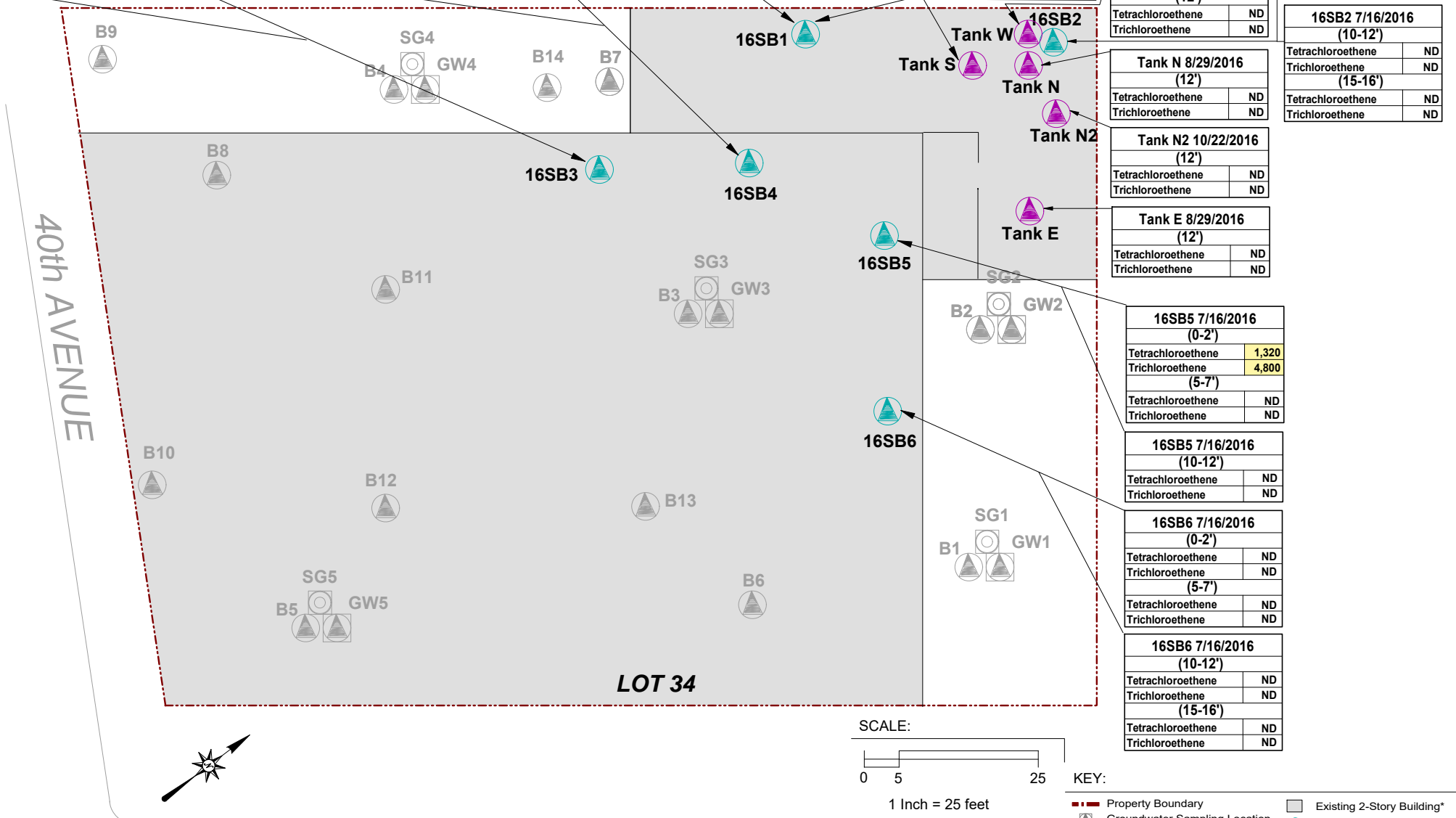
Tank E 8/29/2016	
(12')	
Tetrachloroethene	ND
Trichloroethene	ND

16SB5 7/16/2016	
(0-2')	
Tetrachloroethene	1,320
Trichloroethene	4,800
(5-7')	
Tetrachloroethene	ND
Trichloroethene	ND

16SB5 7/16/2016	
(10-12')	
Tetrachloroethene	ND
Trichloroethene	ND

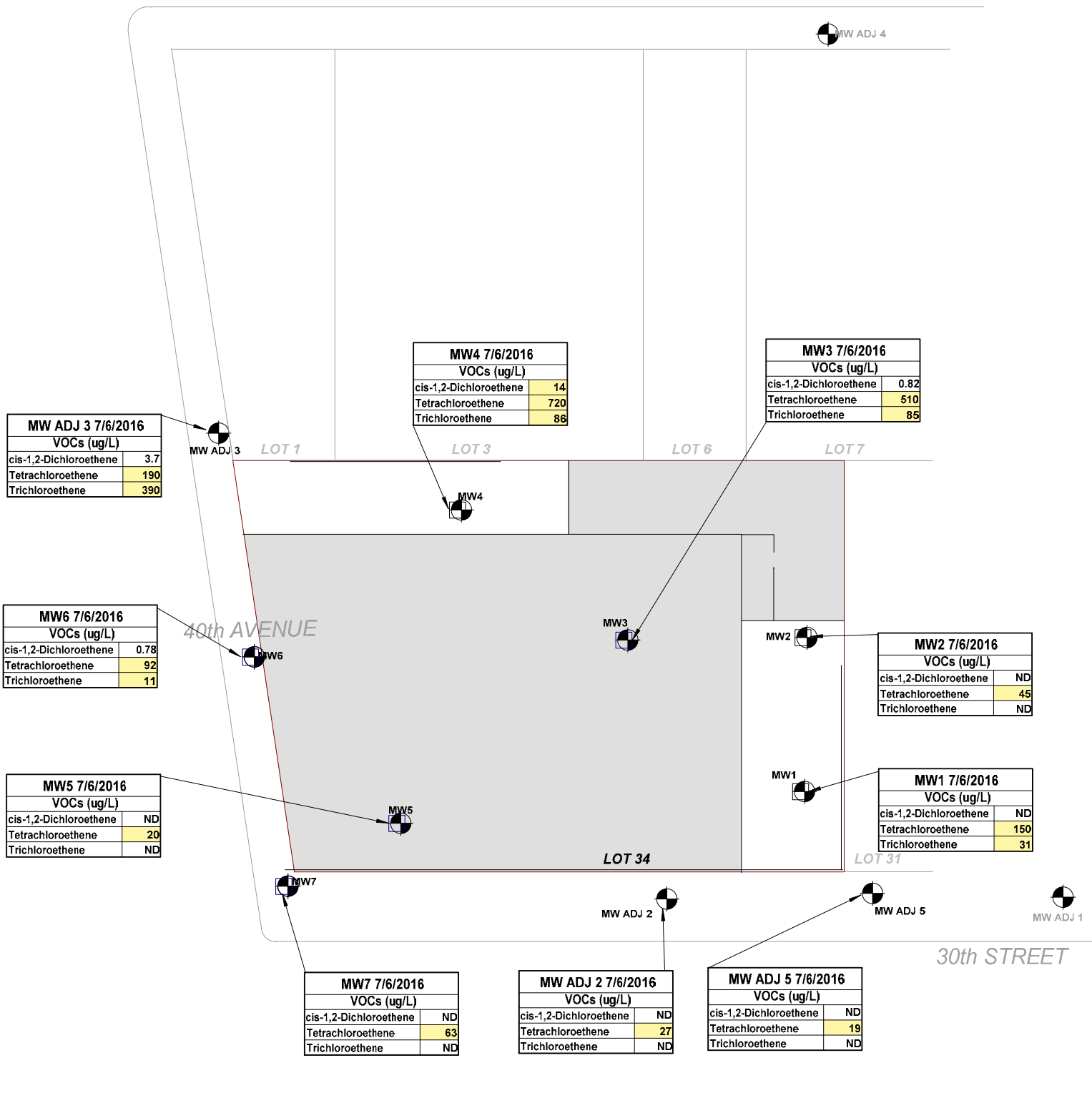
16SB6 7/16/2016	
(0-2')	
Tetrachloroethene	ND
Trichloroethene	ND
(5-7')	
Tetrachloroethene	ND
Trichloroethene	ND

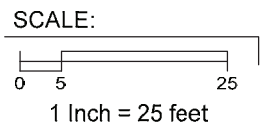
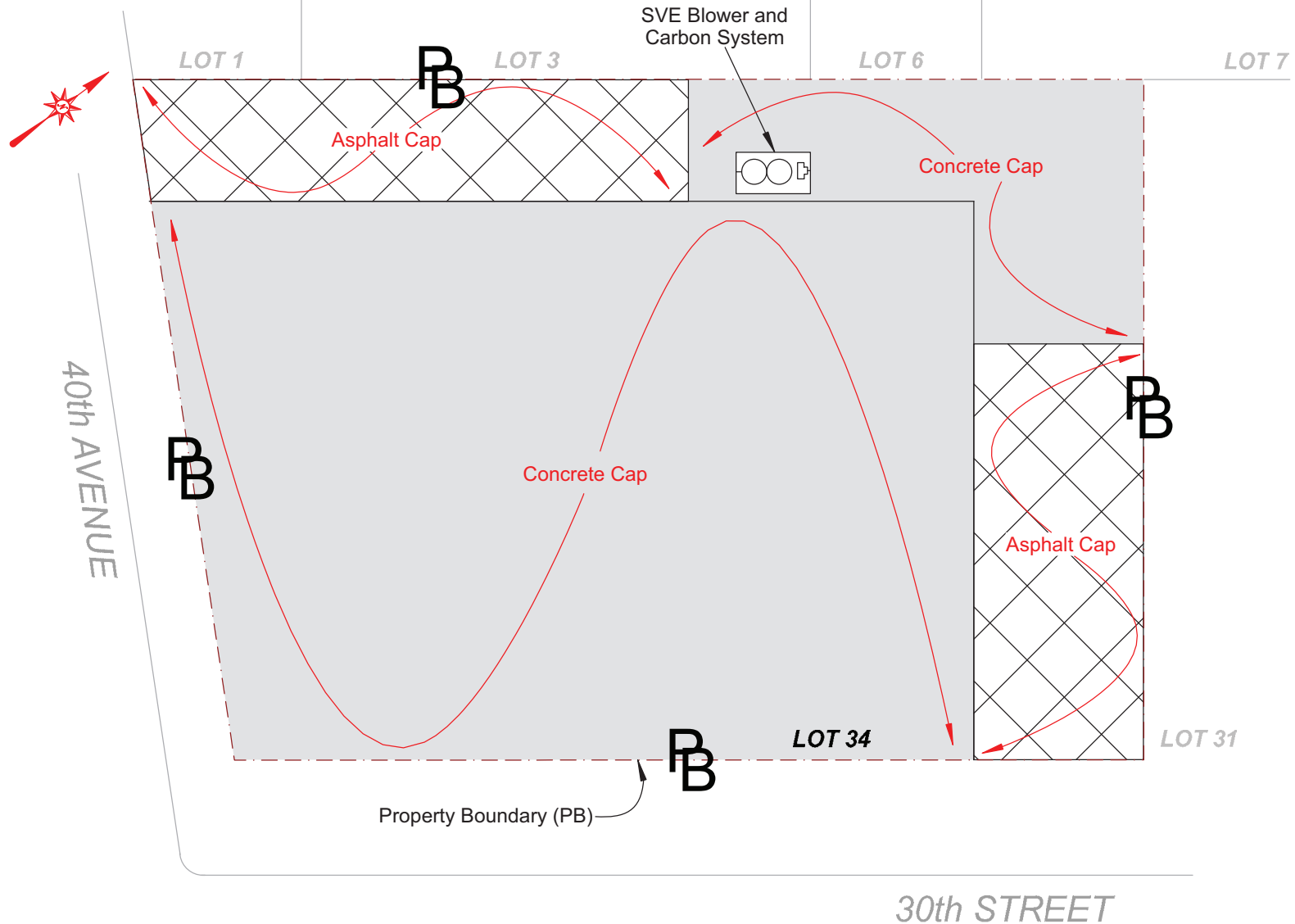
16SB6 7/16/2016	
(10-12')	
Tetrachloroethene	ND
Trichloroethene	ND
(15-16')	
Tetrachloroethene	ND
Trichloroethene	ND



30th STREET

<p>BCB ENVIRONMENTAL BUSINESS CONSULTANTS</p> <p>Phone 631.504.6000 Fax 631.924.2870</p>	<p>Figure No. 3B</p>	<p>Site Name: FORMER UNION WIRE DIE SITE</p> <p>Site Address: 39-40 30TH STREET, LONG ISLAND CITY, NY</p> <p>Drawing Title: SOIL BORING LOCATIONS MAP (JULY 2016)</p>
	<p>SCALE: 1 Inch = 25 feet</p>	
	<p>KEY:</p> <ul style="list-style-type: none"> Property Boundary Existing 2-Story Building* Groundwater Sampling Location 2016 Soil Boring Location Soil Boring Location Tank Soil Boring Location Soil Gas Sampling Location ND Not detected above UUSCO Exceedance of the NYSDEC UUSCO Guidance Value <p>*Note - Existing building dimensions are approximated.</p>	





AMC ENGINEERING PLLC

18-36 42nd Street
Astoria, NY 11105

718-545-0474

PROJECT

39-40 30th Street
Long Island City, NY 11101

DATE: **AUG 29, 2017**

DRAWING BY: **AS**

TITLE:

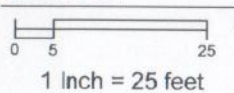
**FIGURE 5 - ENGINEERING
CONTROLS LOCATION (COVER, SVE)**







40th AVENUE

ROI: ~50'

SCALE:



KEY

-  Property Boundary
-  Existing 2-Story Building
-  Vapor Extraction Well
-  PVC Piping



AMC ENGINEERING PLLC

18-36 42nd Street
Astoria, NY 11105

718-545-0474

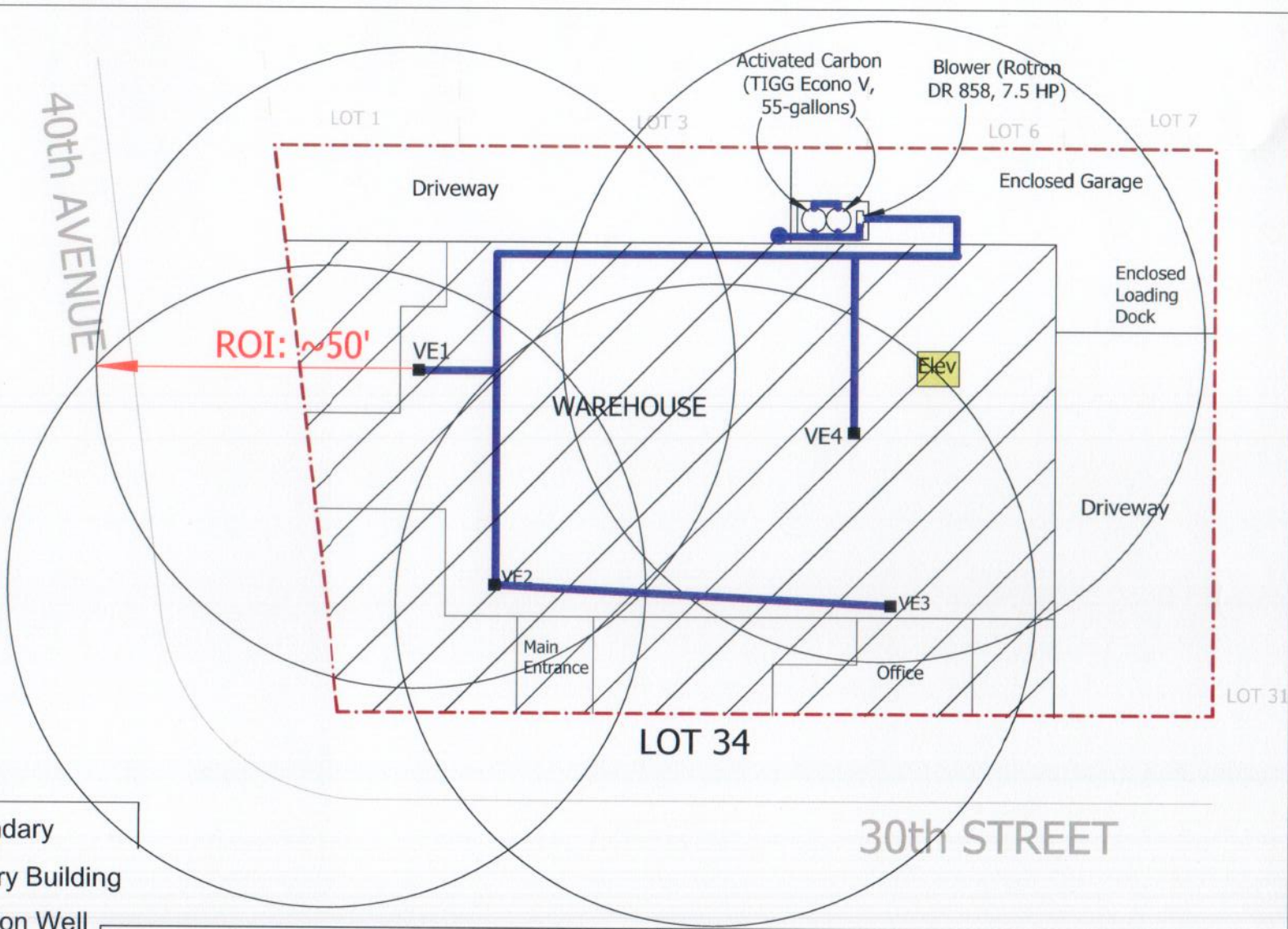
PROJECT

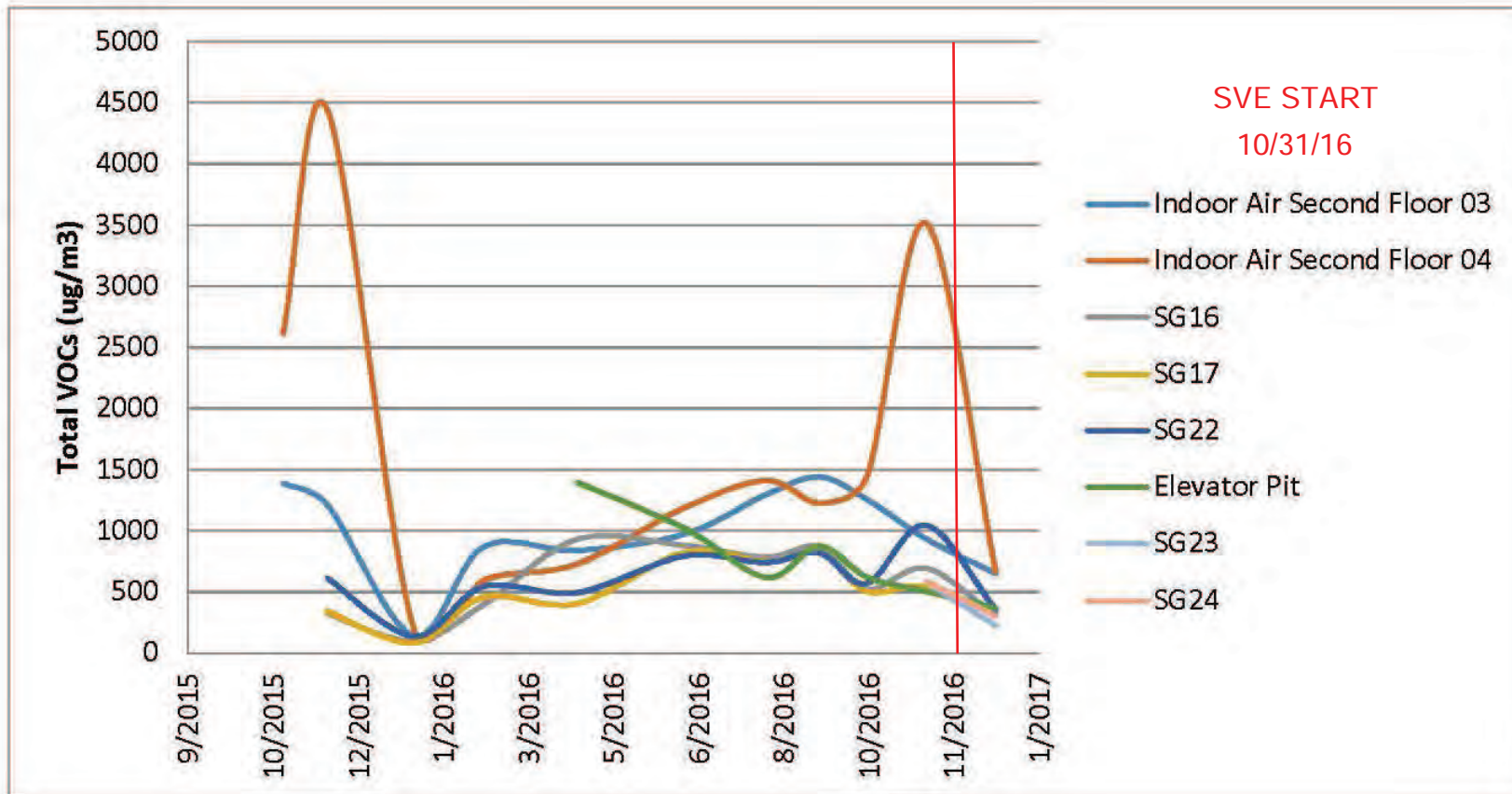
39-40 30th Street
Long Island City, NY 11101

DATE: AUG 29, 2017

DRAWING BY: AS

TITLE: FIGURE 6 SVE SYSTEM LAYOUT

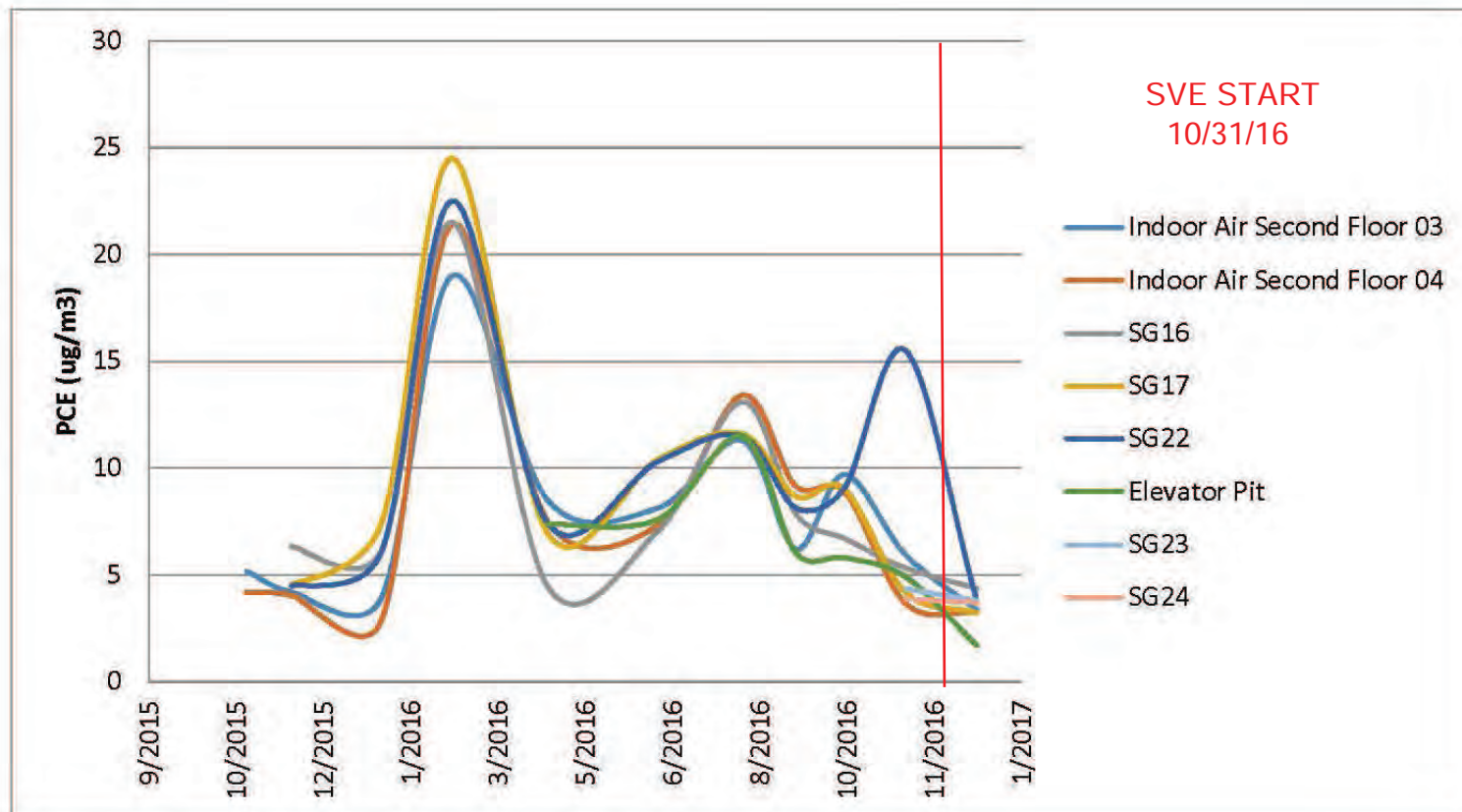




AMC Engineering, PLLC
 18-36 42nd Street
 Astoria, NY 11105

Figure No.
7A

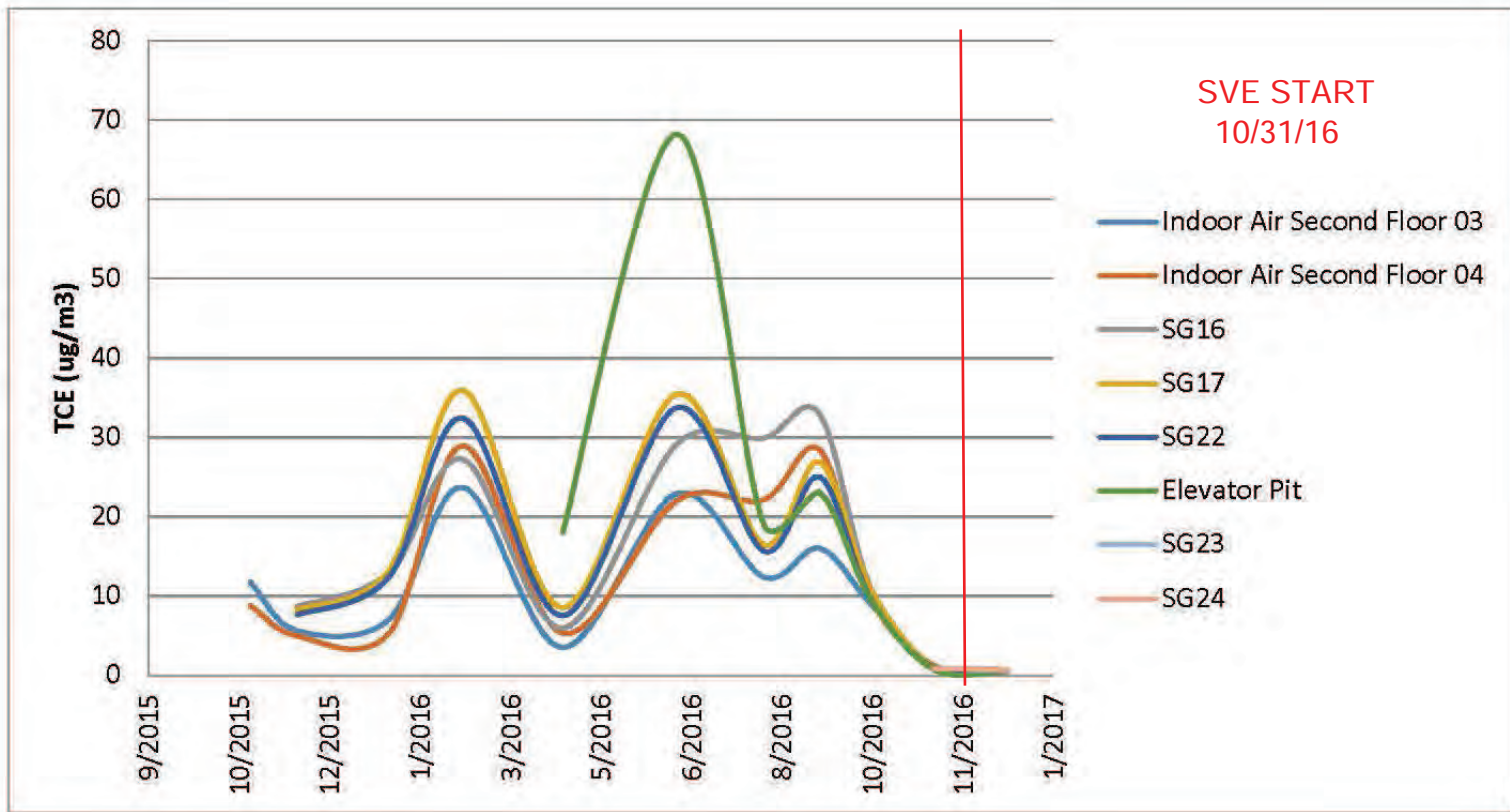
Site Name:	FORMER UNION WIRE DIE CORP
Site Address:	39-40 30TH STREET, QUEENS, NY
Drawing Title:	INDOOR AIR QUALITY- TOTAL VOCs



AMC Engineering, PLLC
 18-36 42nd Street
 Astoria, NY 11105

Figure No.
7B

Site Name: **FORMER UNION WIRE DIE CORP**
 Site Address: **39-40 30TH STREET, QUEENS, NY**
 Drawing Title: **INDOOR AIR QUALITY- PCE**

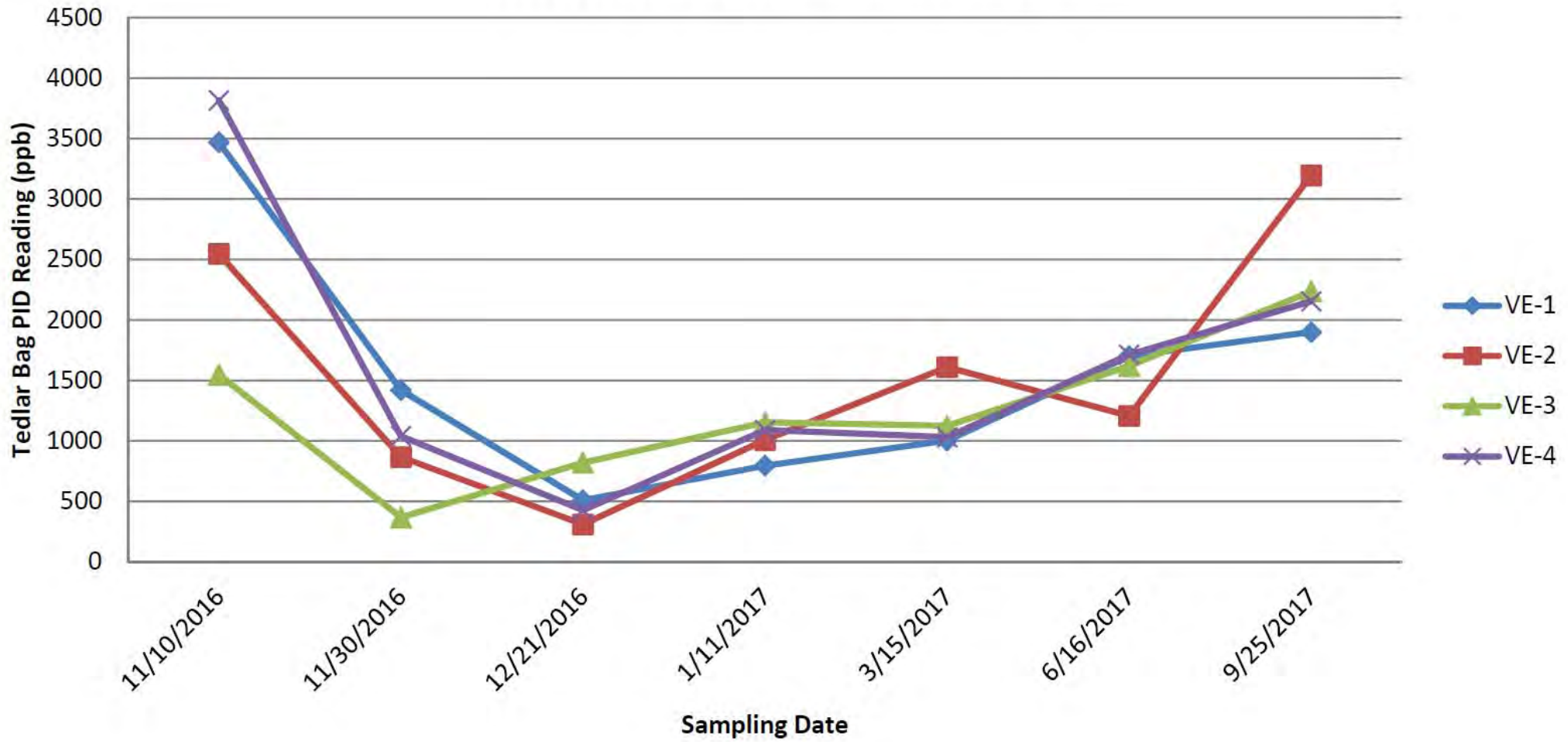



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 Astoria, NY 11105

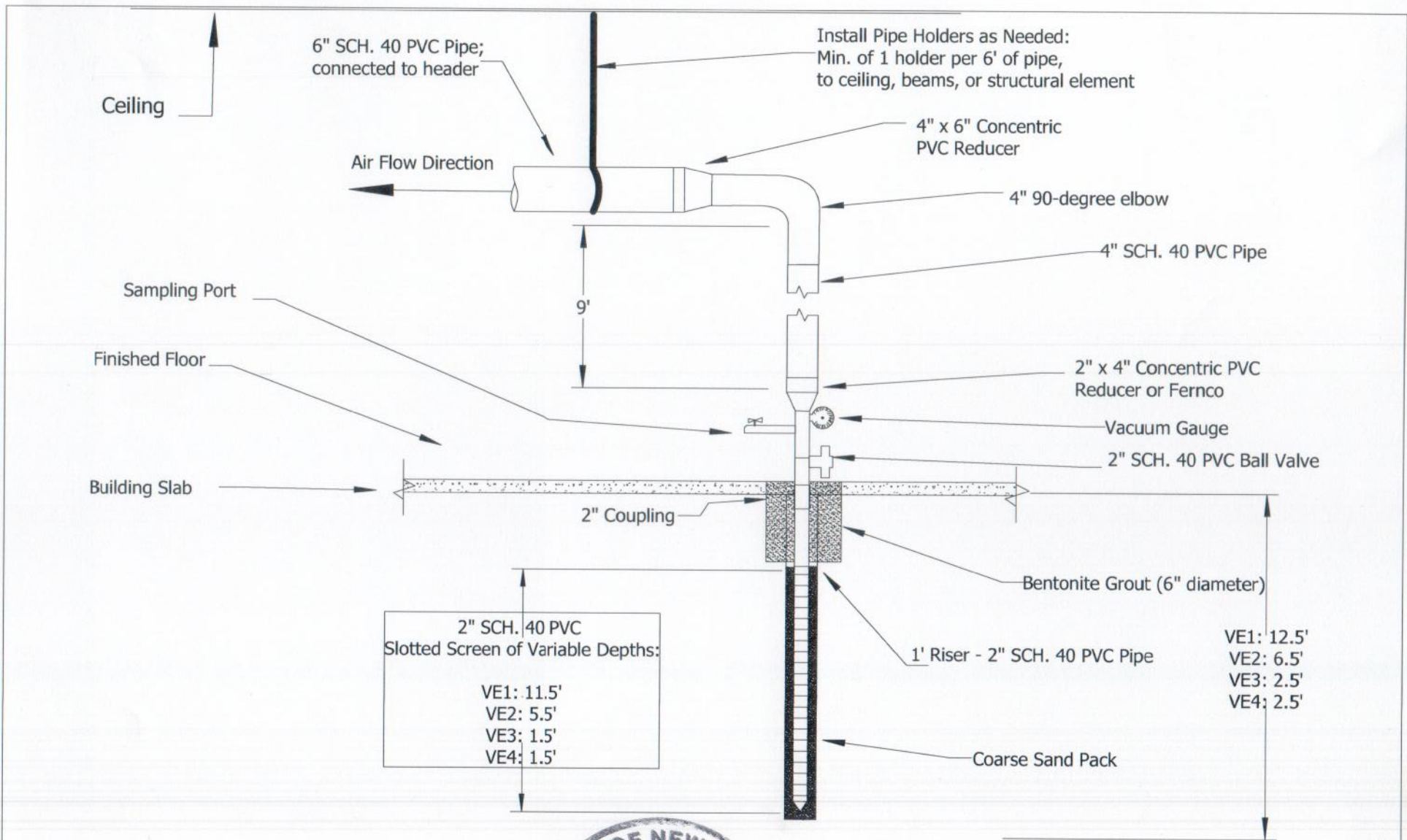
Figure No.
7C

Site Name:	FORMER UNION WIRE DIE CORP
Site Address:	39-40 30TH STREET, QUEENS, NY
Drawing Title:	INDOOR AIR QUALITY- TCE

Remedial Performance Data




	AMC ENGINEERING PLLC 18-36 42nd Street Astoria, NY 11105 Office: 718-545-0474	PROJECT Former Union Wire Die Corp 39-40 30th Street Long Island City, NY 11101
	DATE: OCT 4, 2017 DRAWING BY: AS	TITLE: Figure 8 - SVE Remedial Performance



CONSTRUCTION DETAIL

N.T.S



 AMC ENGINEERING PLLC 18-36 42nd Street Astoria, NY 11105 Office: 516-417-8588	PROJECT 39-40 30th Street Long Island City, NY 11101
	TITLE: Figure 9 SVE Well Detail
DATE: AUG 22, 2016	DRAWING BY: AC

ATTACHMENT A:
DIGITAL COPY OF FER

ATTACHMENT B:

**EASEMENT AND METES AND
BOUNDS DESCRIPTION**

**NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER**

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.



2017050400030001001E997A

RECORDING AND ENDORSEMENT COVER PAGE

PAGE 1 OF 11

Document ID: 2017050400030001

Document Date: 04-18-2017

Preparation Date: 05-04-2017

Document Type: SUNDRY MISCELLANEOUS

Document Page Count: 9

PRESENTER:

FRONTIER RECORDINGS
69 CASCADE DRIVE
SUITE 101
ROCHESTER, NY 14614
585-955-6111
RECORDINGS@FRONTIERABSTRACT.COM

RETURN TO:

FRONTIER RECORDINGS
69 CASCADE DRIVE
SUITE 101
ROCHESTER, NY 14614
585-955-6111
RECORDINGS@FRONTIERABSTRACT.COM

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	399	34	Entire Lot	39-40 30TH STREET
Property Type: OTHER				

CROSS REFERENCE DATA

CRFN _____ or DocumentID _____ or _____ Year _____ Reel _____ Page _____ or File Number _____

PARTIES

PARTY 1:

GANESH MANAGEMENT, LLC
39-40 30TH STREET
LONG ISLAND, NY 11101

PARTY 2:

THE PEOPLE OF THE STATE OF NEW YORK, ACTING
625 BROADWAY
ALBANY, NY 12233

Additional Parties Listed on Continuation Page

FEES AND TAXES

Mortgage :

Mortgage Amount: \$ 0.00

Taxable Mortgage Amount: \$ 0.00

Exemption:

TAXES: County (Basic): \$ 0.00

City (Additional): \$ 0.00

Spec (Additional): \$ 0.00

TASF: \$ 0.00

MTA: \$ 0.00

NYCTA: \$ 0.00

Additional MRT: \$ 0.00

TOTAL: \$ 0.00

Recording Fee: \$ 82.00

Affidavit Fee: \$ 0.00

Filing Fee:

\$ 100.00

NYC Real Property Transfer Tax:

\$ 0.00

NYS Real Estate Transfer Tax:

\$ 0.00

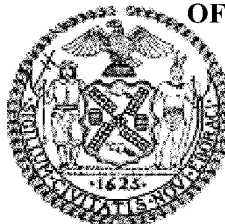
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OF THE CITY REGISTER OF THE**

CITY OF NEW YORK

Recorded/Filed 05-04-2017 14:35

City Register File No.(CRFN):

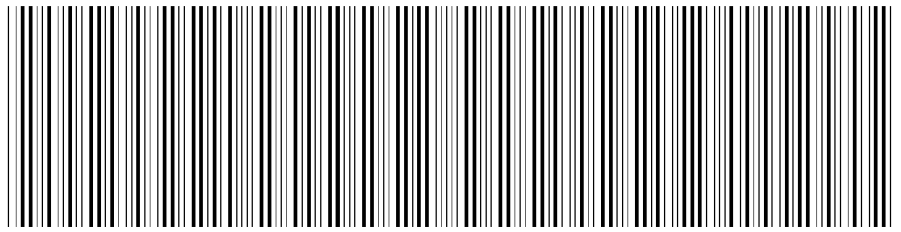
2017000171134



Annette McMill

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2017050400030001001C9BFA

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)

PAGE 2 OF 11

Document ID: 2017050400030001

Document Date: 04-18-2017

Preparation Date: 05-04-2017

Document Type: SUNDRY MISCELLANEOUS

PARTIES

PARTY 2:

THROUGH THEIR COMMISSIONER OF THE
DEPARTMENT OF
625 BROADWAY
ALBANY, NY 12233

PARTY 2:

ENVIRONMENTAL CONSERVATION
625 BROADWAY
ALBANY, NY 12233

**ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36
OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW**

THIS INDENTURE made this 18th day of April, 2017, between Owner(s) Ganesh Management, LLC, having an office at 26 Broadway, Suite 764, New York, New York 10004, County of New York, State of New York (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of 39-40 30th Street in the City of New York, County of Queens and State of New York, known and designated on the tax map of the New York City Department of Finance as tax map parcel number: Block 399 Lot 34, being the same as that property conveyed to Grantor by deed dated February 24, 2002 and recorded in the City Register of the City of New York as CRFN # 2003000154906. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 0.325 +/- acres, and is hereinafter more fully described in the Land Title Survey dated April 15, 2015 and last revised October 11, 2016 prepared by Thomas A. Fetterman, L.L.S. of Tectonic Engineering & Surveying Consultants P.C., which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is

extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: C241163-06-14, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement")

1. **Purposes.** Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. **Institutional and Engineering Controls.** The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

**Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii),
Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial
as described in 6 NYCRR Part 375-1.8(g)(2)(iv)**

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

**This property is subject to an Environmental Easement held
by the New York State Department of Environmental Conservation**

pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

- (1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).
- (2) the institutional controls and/or engineering controls employed at such site:
 - (i) are in-place;
 - (ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and
 - (iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;
- (3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;
- (4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;
- (5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;
- (6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and
- (7) the information presented is accurate and complete.

3. **Right to Enter and Inspect.** Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. **Reserved Grantor's Rights.** Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to: Site Number: C241163
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to: Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail

and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

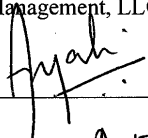
9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

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IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

Ganesh Management, LLC:

By: 

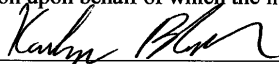
Print Name: ANJALI GOPALAN

Title: MEMBER Date: 04/05/17

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF NASSAU)

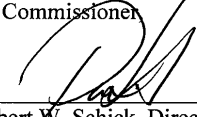
On the 5th day of Apr. 1, in the year 2017, before me, the undersigned, personally appeared Anjali Gopalan, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.


Notary Public - State of New York

KARNDDEEP BHINDER
Notary Public - State of New York
No. 01BH6288673
Qualified in Suffolk County
My Commission Expires September 09, 2017

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner

By: _____


Robert W. Schick, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 18th day of April, in the year 2017, before me, the undersigned, personally appeared Robert W. Schick, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted/ executed the instrument.

Notary Public - State of New York

David J. Chiusano
Notary Public, State of New York
No. 01CH5032146
Qualified in Schenectady County
Commission Expires August 22, 2018

SCHEDULE "A" PROPERTY DESCRIPTION

ALL that certain plot, piece or parcel of land, situate, lying and being in the First Ward, Borough and County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the northerly side of 40th Avenue with the westerly side of 30th Street, as said Avenue and Street are laid out on the Final Topographical Map of the City of New York for the Borough of Queens;

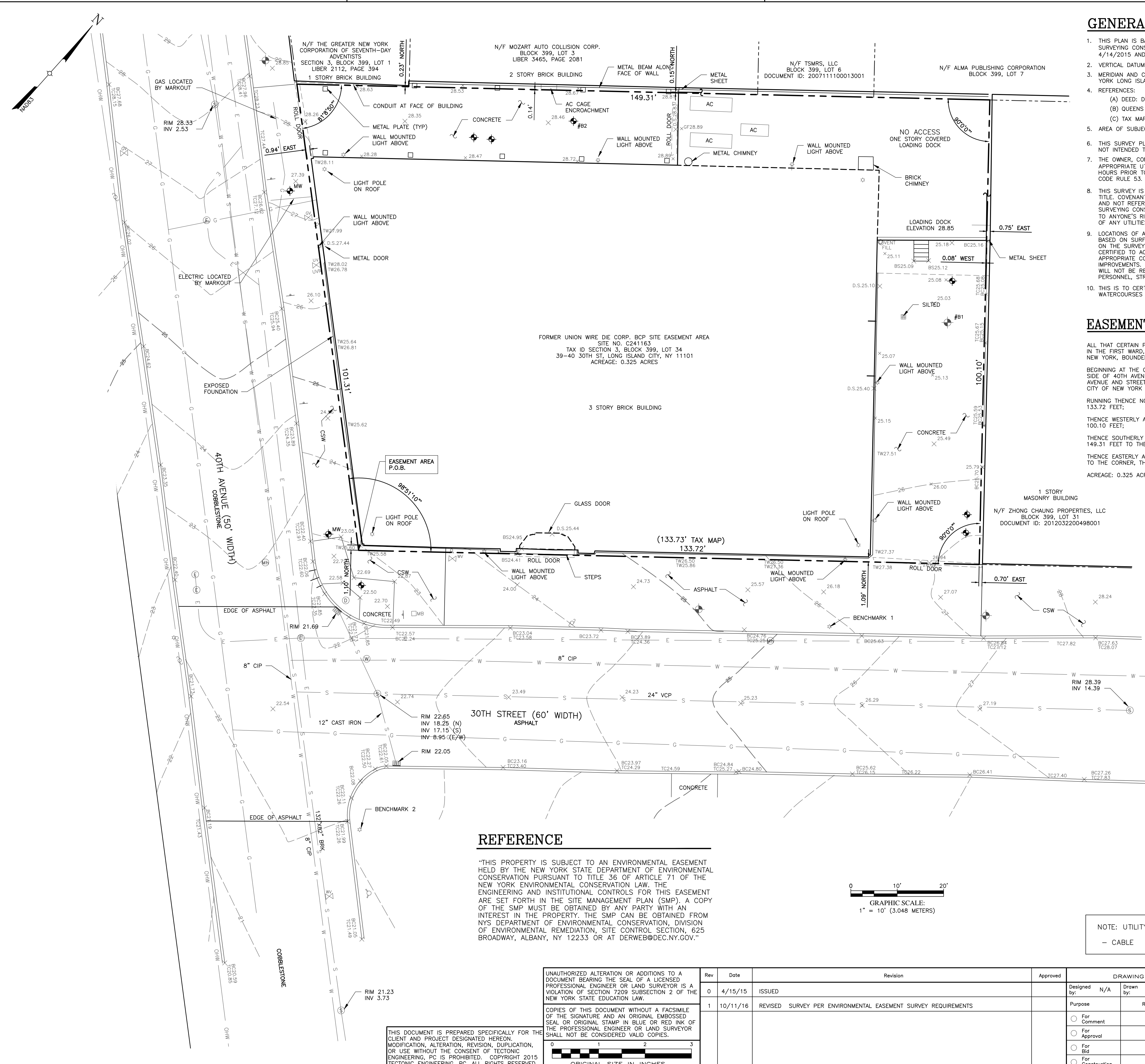
RUNNING THENCE northerly along the westerly side of 30th Street, 133.72 feet;

THENCE westerly at right angles to the westerly side of 30th Street, 100.10 feet;

THENCE southerly and parallel with the westerly side of 30th Street, 149.31 feet to the northerly side of 40th Street;

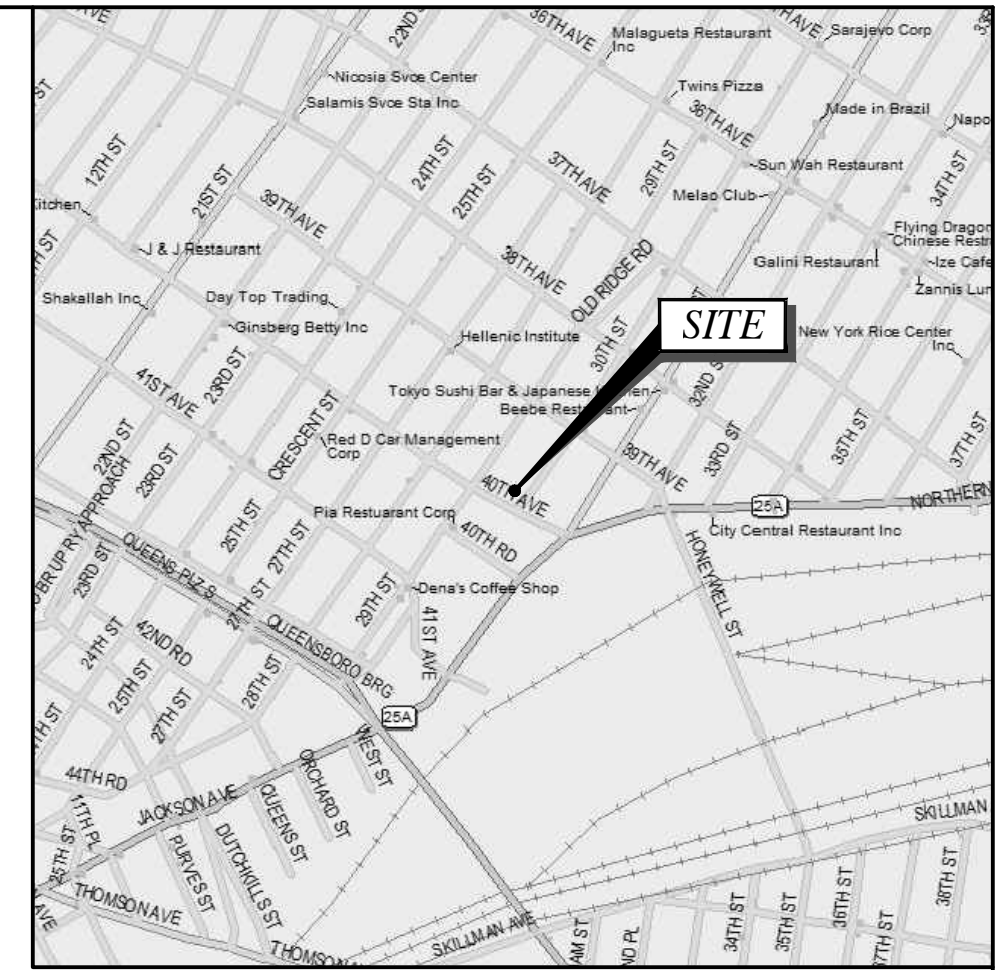
THENCE easterly along the northerly side of 40th Avenue, 101.31 feet to the corner, the point or place of BEGINNING.

Being approximately 0.325 acres more or less.



GENERAL NOTES

- THIS PLAN IS BASED ON A FIELD SURVEY BY TECTONIC ENGINEERING AND SURVEYING CONSULTANTS, PC COMPLETED ON 1/20/2014 AND UPDATED ON 4/14/2015 AND 10/06/2016.
- VERTICAL DATUM: SEE BENCHMARK TABLE
- MERIDIAN AND COORDINATES REFER TO NEW YORK STATE PLANE, NAD 83, NEW YORK LONG ISLAND ZONE AND ARE BASED ON GPS OBSERVATIONS.
- REFERENCES:
 - (A) DEED: DOCUMENT ID: 2003011601713001
 - (B) QUEENS SECTION MAP 14.
 - (C) TAX MAP: QUEENS BLOCK 399, LOT 34.
- AREA OF SUBJECT PARCEL: 0.325± ACRES OR 14,166 SQUARE FEET.
- THIS SURVEY PLAT IS FOR SITE PLAN/ENGINEERING PURPOSES ONLY AND IS NOT INTENDED TO BE USED FOR THE TRANSFER OF TITLE.
- THE OWNER, CONTRACTOR AND/OR HIS AGENT MUST NOTIFY THE APPROPRIATE UTILITY COMPANIES AND/OR AGENCIES AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION IN ACCORDANCE WITH INDUSTRIAL CODE RULE 53.
- THIS SURVEY IS SUBJECT TO A COMPLETE AND UP TO DATE ABSTRACT OF TITLE, COVENANTS, EASEMENTS, GRANTS AND RIGHTS-OF-WAY NOT VISIBLE AND NOT REFERENCED ARE NOT SHOWN. TECTONIC ENGINEERING AND SURVEYING CONSULTANTS, PC SHALL NOT BE LIABLE FOR THE DISTURBANCE TO ANYONE'S RIGHT TO THE USE OF THE PROPERTY OR THE DISTURBANCE OF ANY UTILITIES NOT SHOWN OR REFERENCED ON THIS SURVEY PLAT.
- LOCATIONS OF ALL UTILITIES AND SUBSTRUCTURES ARE APPROXIMATE ONLY BASED ON SURFACE EVIDENCE AND EXISTING PLANS. THE INFORMATION GIVEN ON THE SURVEY PERTAINING TO UTILITIES AND SUBSTRUCTURES IS NOT CERTIFIED TO ACCURACY OR COMPLETENESS. CONSULT WITH THE APPROPRIATE COMPANY OR AGENCY BEFORE DESIGNING OR CONSTRUCTING IMPROVEMENTS. TECTONIC ENGINEERING AND SURVEYING CONSULTANTS, PC WILL NOT BE RESPONSIBLE FOR ANY DAMAGE SUBSEQUENTLY CAUSED TO PERSONNEL, STRUCTURES, OR UTILITIES.
- THIS IS TO CERTIFY THAT THERE ARE NO STREAMS OR NATURAL WATERCOURSES IN THE PROPERTY AS SHOWN ON THIS SURVEY.



LOCATION MAP

- N.T.S.
- LEGEND**
- PROPERTY LINE
 - ADJOINING PROPERTY LINE
 - INDEX CONTOUR LINE
 - CONTOUR LINE
 - CURB LINE
 - EDGE OF CONCRETE
 - EDGE OF PAVEMENT
 - OVERHEAD WIRES
 - SANITARY SEWER
 - STORM SEWER
 - ELECTRIC BY RECORD (UNDERGROUND)
 - GAS BY RECORD (UNDERGROUND)
 - WATER (UNDERGROUND)
 - STRUCTURE
 - BOTTOM/TOP OF CURB ELEVATION
 - BOTTOM/TOP OF WALL ELEVATION
 - BOTTOM/TOP OF STEP
 - DOOR SILL ELEVATION
 - GARAGE FLOOR ELEVATION
 - SPOT ELEVATION
 - UTILITY POLE
 - CURB INLET
 - FIELD INLET (SQUARE)
 - MANHOLE (ELECTRIC)
 - MANHOLE (SAN. SEWER)
 - MANHOLE (UNKNOWN)
 - MANHOLE (WATER)
 - GAS VALVE
 - WATER VALVE
 - HYDRANT
 - STANDPIPE
 - MAILBOX
 - SIGN
 - LIGHT POST
 - BORING
 - MONITORING WELL
 - CSW CONCRETE SIDEWALK

EASEMENT AREA LEGAL DESCRIPTION

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, SITUATE, LYING AND BEING IN THE FIRST WARD, BOROUGH AND COUNTY OF QUEENS, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT THE CORNER FORMED BY THE INTERSECTION OF THE NORTHERLY SIDE OF 40TH AVENUE WITH THE WESTERLY SIDE OF 30TH STREET, AS SAID AVENUE AND STREET ARE LAID OUT ON THE FINAL TOPOGRAPHICAL MAP OF THE CITY OF NEW YORK FOR THE BOROUGH OF QUEENS;

RUNNING THENCE NORTHERLY ALONG THE WESTERLY SIDE OF 30TH STREET, 133.72 FEET;

THENCE WESTERLY AT RIGHT ANGLES TO THE WESTERLY SIDE OF 30TH STREET, 100.10 FEET;

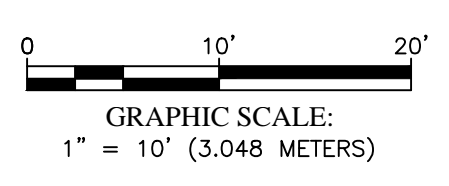
THENCE SOUTHERLY AND PARALLEL WITH THE WESTERLY SIDE OF 30TH STREET, 149.31 FEET TO THE NORTHERLY SIDE OF 40TH STREET;

THENCE EASTERLY ALONG THE NORTHERLY SIDE OF 40TH AVENUE, 101.31 FEET TO THE CORNER, THE POINT OR PLACE OF BEGINNING.

ACREAGE: 0.325 ACRES

REFERENCE

"THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW. THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT DERWEB@DEC.NY.GOV."



NOTE: UTILITY PLATES HAVE NOT BEEN RECEIVED FOR:
 - CABLE -VERIZON TELEPHONE -MCI -RCN

BENCHMARK TABLE

Note: All elevations refer to the Queens Borough Datum which is 2.725' above mean sea level at Sandy Hook, New Jersey as established by the U.S. Coast & Geodetic Survey in 1929.

BENCHMARK	ELEVATION	DESCRIPTION
BENCHMARK 1 (SET)	27.97'	BENCH MARK IS A BOLT ON THE NORTH SIDE OF A METAL LIGHT POLE ABOUT 2'± ABOVE THE WALK, 1.8'± NORTH OF THE NORTH CURB LINE OF 30TH AVENUE AND 108.8'± EAST OF THE EAST CURB LINE OF 40TH AVENUE.
BENCHMARK 2 (SET)	24.18'	BENCH MARK IS A BOLT ON THE NORTH SIDE OF A METAL LIGHT POLE ABOUT 2'± ABOVE THE WALK, 2.3'± EAST OF THE EAST CURB LINE OF 40TH AVENUE AND 13.3'± SOUTH OF THE SOUTH CURB LINE OF 30TH AVENUE.

TECTONIC ENGINEERING & SURVEYING CONSULTANTS, P.C.

PLANNING
ENGINEERING
SURVEYING
CONSTRUCTION MANAGEMENT

TECTONIC Engineering & Surveying Consultants P.C. Phone: (845) 534-5959
 P.O. Box 37, 70 Pleasant Hill Road Fax: (845) 534-5999
 Mountaintop, NY 10953 www.tectonicengineering.com

ENVIRONMENTAL EASEMENT SURVEY

39-40 30TH STREET
LONG ISLAND CITY, NEW YORK
BOROUGH OF QUEENS
QUEENS COUNTY, NEW YORK

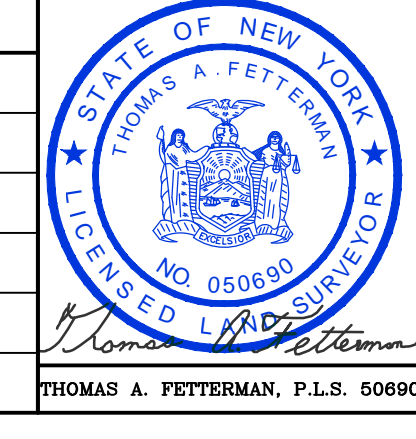
Date: 04/15/2015
 Work Order: 7017.02
 Drawing No.: SU-101
 Rev: 1

Rev	Date	Description	Approved	Designed by:	Drawn by:	Checked by:	TAF
0	4/15/15	ISSUED		N/A	PCS		
1	10/11/16	REVISED SURVEY PER ENVIRONMENTAL EASEMENT SURVEY REQUIREMENTS					

UNAUTHORIZED ALTERATION OR ADDITIONS TO A DOCUMENT BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR IS A VIOLATION OF SECTION 7209 SUBSECTION 2 OF THE NEW YORK STATE EDUCATION LAW.

COPIES OF THIS DOCUMENT WITHOUT A FACSIMILE OF THE SIGNATURE AND AN ORIGINAL EMBOSSED SEAL OR ORIGINAL STAMP IN BLUE OR RED INK OF THE PROFESSIONAL ENGINEER OR LAND SURVEYOR SHALL NOT BE CONSIDERED VALID COPIES.

1 2 3
ORIGINAL SIZE IN INCHES



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ATTACHMENT C:
CAMP AIR MONITORING
REPORTS

Daily Air Monitoring Log

Project Name: Former Union Wire Die

Date: 7/13/16

Project Location: 39-40 30th Street, LIC NY

BCP No: C241163

Temperature: 74.8F

Wind Speed: 0 -5 mph

Weather: Sunny

Background Data: Upwind - PID 0.0 ppm

Dust Meter 1 - 0.034 µg/m³

Downwind - PID 0.0 ppm

Dust Meter 2 - 0.036 µg/m³

Time	Work Zone		Upwind		Downwind	
	PID - ppm	Dust - µg/m ³	PID - ppm	Dust - µg/m ³	PID - ppm	Dust - µg/m ³
9:00	0.00	0.04	0.00	0.016	0.00	0.037
9:30	0.00	0.032	0.00	0.018	0.00	0.035
10:00	0.00	0.037	0.00	0.019	0.00	0.033
10:30	0.00	0.34	0.00	0.015	0.00	0.03
11:00	0.00	0.045	0.00	0.017	0.00	0.032
11:30	0.00	0.041	0.00	0.021	0.00	0.036
12:00	0.00	0.033	0.00	0.024	0.00	0.033
12:30	0.00	0.036	0.00	0.023	0.00	0.032
13:00	0.00	0.032	0.00	0.017	0.00	0.031
13:30	0.00	0.036	0.00	0.019	0.00	0.032
14:00	0.00	0.032	0.00	0.016	0.00	0.037
14:30	0.00	0.034	0.00	0.013	0.00	0.033
15:00	0.00	0.031	0.00	0.022	0.00	0.037
15:30	0.00	0.027	0.00	0.02	0.00	0.03
16:00	0.00	0.035	0.00	0.028	0.00	0.034
16:30	0.00	0.032	0.00	0.022	0.00	0.037
17:00	0.00	0.033	0.00	0.026	0.00	0.031

Activities Performed:

Samples collected from 16SB1, 16SB2, and 16SB4

Daily Air Monitoring Log

Project Name: Former Union Wire Die

Date: 7/16/16

Project Location: 39-40 30th Street, LIC NY

BCP No: C241163

Temperature: 83F

Wind Speed: 0 -5 mph

Weather: Sunny

Background Data: Upwind - PID 0.0 ppm

Dust Meter 1 - 0.034 $\mu\text{g}/\text{m}^3$

Downwind - PID 0.0 ppm

Dust Meter 2 -0.036 $\mu\text{g}/\text{m}^3$

Time	Work Zone		Upwind		Downwind	
	PID - ppm	Dust - $\mu\text{g}/\text{m}^3$	PID - ppm	Dust - $\mu\text{g}/\text{m}^3$	PID - ppm	Dust - $\mu\text{g}/\text{m}^3$
9:00	0.00	0.051	0.00	0.031	0.00	0.057
9:30	0.00	0.045	0.00	0.039	0.00	0.061
10:00	0.00	0.039	0.00	0.039	0.00	0.069
10:30	0.00	0.057	0.00	0.034	0.00	0.053
11:00	0.00	0.063	0.00	0.046	0.00	0.06
11:30	0.00	0.072	0.00	0.041	0.00	0.06
12:00	1.00	0.07	0.00	0.042	0.00	0.066
12:30	0.00	0.063	0.00	0.033	0.00	0.058
13:00	0.00	0.063	0.00	0.047	0.00	0.06
13:30	0.00	0.071	0.00	0.036	0.00	0.062
14:00	0.00	0.058	0.00	0.034	0.00	0.057
14:30	0.00	0.05	0.00	0.043	0.00	0.064
15:00	0.00	0.065	0.00	0.038	0.00	0.056
15:30	0.00	0.077	0.00	0.04	0.00	0.061
16:00	0.00	0.081	0.00	0.036	0.00	0.063
16:30	0.00	0.059	0.00	0.038	0.00	0.056
17:00	0.00	0	0.00	0.044	0.00	0.052

Activities Performed:

Samples collected from 16SB3, 16SB5, and 16SB6

Daily Air Monitoring Log

Project Name: Former Union Wire Die

Date: 10/22/16

Project Location: 39-40 30th Street, LIC NY

BCP No: C241163

Temperature: 48F

Wind Speed: 0 -5 mph

Weather: Cloudy, Light rain

Background Data: Upwind - PID 0.0 ppm

Dust Meter 1 - 0.009 $\mu\text{g}/\text{m}^3$

Downwind - PID 0.0 ppm

Dust Meter 2 -0.036 $\mu\text{g}/\text{m}^3$

Time	Work Zone		Upwind		Downwind	
	PID - ppm	Dust - $\mu\text{g}/\text{m}^3$	PID - ppm	Dust - $\mu\text{g}/\text{m}^3$	PID - ppm	Dust - $\mu\text{g}/\text{m}^3$
9:00	0.00	0.063	0.00	0.04	0.00	0/053
9:30	0.00	0.0072	0.00	0.031	0.00	0.048
10:00	0.00	0.071	0.00	0.037	0.00	0.044
10:30	0.00	0.083	0.00	0.035	0.00	0.046
No Soil Disturbance until 2:00pm						
2:00	0.00	0.077	0.00	0.028	0.00	0.033
2:30	0.00	0.084	0.00	0.033	0.00	0.051
3:00	0.00	0.071	0.00	0.026	0.00	0.046
3:30	0.00	0.08	0.00	0.03	0.00	0.041
4:00	0.00	0.076	0.00	0.034	0.00	0.044

Activities Performed:

From 9am-11am, the CAMP was implemented for the installation of VE1.

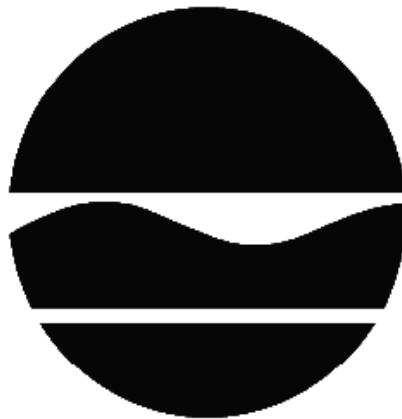
From 2pm-4pm, the CAMP was implemented for Tank North 2 sampling.

ATTACHMENT D:

NYSDEC APPROVALS OF
SUBSTANTIVE TECHNICAL
REQUIREMENTS

DECISION DOCUMENT

Former Union Wire Die Corp.
Brownfield Cleanup Program
Long Island City, Queens County
Site No. C241163
August 2016



Prepared by
Division of Environmental Remediation
New York State Department of Environmental Conservation

DECLARATION STATEMENT - DECISION DOCUMENT

Former Union Wire Die Corp.
Brownfield Cleanup Program
Long Island City, Queens County
Site No. C241163
August 2016

Statement of Purpose and Basis

This document presents the remedy for the Former Union Wire Die Corp. site, a brownfield cleanup site. The remedial program was chosen in accordance with the New York State Environmental Conservation Law and Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York (6 NYCRR) Part 375.

This decision is based on the Administrative Record of the New York State Department of Environmental Conservation (the Department) for the Former Union Wire Die Corp. site and the public's input to the proposed remedy presented by the Department.

Description of Selected Remedy

The elements of the selected remedy are as follows:

1. Remedial Design

A remedial design program will be implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows:

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gases and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;

- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals; and
- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.

2. Cover System

A site cover currently exists and will be maintained to allow for restricted residential use of the site. Any site redevelopment will maintain the existing site cover, which consists either of the structures such as buildings, pavement, sidewalks or soil where the upper two feet of exposed surface soil meets the applicable soil cleanup objectives (SCOs) for restricted residential use. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6NYCRR part 375-6.7(d).

3. Soil Vapor Extraction (SVE)

Soil vapor extraction (SVE) will be implemented to remove volatile organic compounds (VOCs) from the subsurface and address the potential for soil vapor intrusion to occur. VOCs will be physically removed from the soil by applying a vacuum to wells that have been installed into the vadose zone (the area below the ground but above the water table). The vacuum draws air through the soil matrix which carries the VOCs from the soil to the SVE well. The air extracted from the SVE wells is then treated as necessary prior to being discharged to the atmosphere.

Four SVE wells will be installed into the vadose zone and screened from 1 foot below the ground surface to a depth of approximately 10 feet. The air containing VOCs extracted from the SVE wells will be treated by passing the air stream through activated carbon which removes the VOCs from the air prior to it being discharged to the atmosphere. The SVE system will also be relied upon to mitigate the migration of vapors into the building. Based on monitoring of the SVE effectiveness, the SVE system may transition to a sub-slab depressurization system to mitigate the migration of vapors into the building for long term use, if needed.

4. Enhanced Bioremediation

A pre-design study will be undertaken to better understand and confirm the presence of an on-site source area. If results of the pre-design study confirm a site-related source of TCE in groundwater, then in-situ enhanced biodegradation will be employed to treat contaminants in groundwater in an area to be determined during the pre-design study and subsequent remedial design. The biological breakdown of contaminants through anaerobic reductive dechlorination will be enhanced by injecting a compound such as zero-valent metals into the subsurface or by injecting a molasses and water solution into the subsurface to promote microbe growth. The material, method and depth of injection will be determined during the remedial design.

5. Institutional Control

Imposition of an institutional control in the form of an environmental easement for the controlled property which will:

- require the remedial party or site owner to complete and submit to the Department a

periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);

- allow the use and development of the controlled property for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or NYCDOH; and
- require compliance with the Department approved Site Management Plan.

6. Site Management Plan

A Site Management Plan is required, which includes the following:

a. an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:

Institutional Controls: The Environmental Easement discussed in Paragraph 5 above.

Engineering Controls: The cover system discussed in Paragraph 2 and the soil vapor extraction system discussed in Paragraph 3.

This plan includes, but may not be limited to:

- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
- descriptions of the provisions of the environmental easement including any land use and groundwater water use restrictions;
- a provision for evaluation of the potential for soil vapor intrusion in any occupied existing or future buildings developed on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
- provisions for the management and inspection of the identified engineering controls;
- maintaining site access controls and Department notification; and
- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

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

- monitoring of sub-slab vapor, indoor air and groundwater, to assess the performance and effectiveness of the remedy;

- a schedule of monitoring and frequency of submittals to the Department; and
- monitoring for vapor intrusion for any occupied existing or future buildings developed on the site, as may be required by the Institutional and Engineering Control Plan discussed above.

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

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

Declaration

The remedy conforms to promulgated standards and criteria that are directly applicable, or that are relevant and appropriate and takes into consideration Department guidance, as appropriate. The remedy is protective of public health and the environment.

August 12, 2016



Date

Robert Cozzy, Director
Remedial Bureau B

DECISION DOCUMENT

Former Union Wire Die Corp.
Long Island City, Queens County
Site No. C241163
August 2016

SECTION 1: SUMMARY AND PURPOSE

The New York State Department of Environmental Conservation (the Department), in consultation with the New York State Department of Health (NYSDOH), has selected a remedy for the above referenced site. The disposal of contaminants at the site has resulted in threats to public health and the environment that would be addressed by the remedy. The disposal or release of contaminants at this site, as more fully described in this document, has contaminated various environmental media. Contaminants include hazardous waste and/or petroleum.

The New York State Brownfield Cleanup Program (BCP) is a voluntary program. The goal of the BCP is to enhance private-sector cleanups of brownfields and to reduce development pressure on "greenfields." A brownfield site is real property, the redevelopment or reuse of which may be complicated by the presence or potential presence of a contaminant.

The Department has issued this document in accordance with the requirements of New York State Environmental Conservation Law and 6 NYCRR Part 375. This document is a summary of the information that can be found in the site-related reports and documents.

SECTION 2: CITIZEN PARTICIPATION

The Department seeks input from the community on all remedies. A public comment period was held, during which the public was encouraged to submit comment on the proposed remedy. All comments on the remedy received during the comment period were considered by the Department in selecting a remedy for the site. Site-related reports and documents were made available for review by the public at the following document repositories:

Queens Library - Long Island City Branch
37-44 21st Street
Long Island City, NY 11101
Phone: 718-752-3700

Queens Community Board 1
45-02 Ditmars Ave, Suite 125
Astoria, NY 11105
Phone: 718-626-1021

Receive Site Citizen Participation Information By Email

Please note that the Department's Division of Environmental Remediation (DER) is "going paperless" relative to citizen participation information. The ultimate goal is to distribute citizen participation information about contaminated sites electronically by way of county email listservs. Information will be distributed for all sites that are being investigated and cleaned up in a particular county under the State Superfund Program, Environmental Restoration Program, Brownfield Cleanup Program, Voluntary Cleanup Program, and Resource Conservation and Recovery Act Program. We encourage the public to sign up for one or more county listservs at <http://www.dec.ny.gov/chemical/61092.html>

SECTION 3: SITE DESCRIPTION AND HISTORY

Location: The site is located in the Long Island City section of the borough of Queens at the corner of 30th Street and 40th Ave.

Site Features: There is a 2-story building on-site. The first floor is primarily storage and the second floor is used as office space.

Current Zoning and Land Use: The site is zoned M1-3/R7X. M1 indicates light industrial use while R7X is a higher-density residential district (apartments). The building is currently occupied by a wireless communications distributor. Future use is anticipated to be a combination of commercial and restricted residential use.

Past Use of the Site: The site was undeveloped until sometime between 1915 and 1936. By 1936, a gas station occupied the site. The property was redeveloped by 1947 into a 2-story warehouse utilized by Optical Products Corporation for manufacturing, shipping and as an office. Other occupants of the building include Union Wire Die Corp. (1960s - 1980s), National Tea Packaging Co. Inc. (1962 - 1991) and a warehouse (1991 - 2006).

Site Geology and Hydrogeology: Subsurface soils at the site consist of a mixture of a silty non-native fill to a depth ranging from 0 to 6 feet below grade (fbg). The fill is followed by a silty-sand. A coarse sand was noted at two of the boring locations in place of the silty-sand. The bedrock is an igneous intrusive classified as Ravenswood granodiorite of middle Ordovician to middle Cambrian age. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays. The elevation of the site is 28 feet above the National Geodetic Vertical Datum. The area topography gradually slopes to the southeast.

Groundwater at the site is present under water table conditions at a depth of approximately 20 feet below grade. Investigation at the site indicates groundwater flow to the south-southeast.

A site location map is attached as Figure 1.

SECTION 4: LAND USE AND PHYSICAL SETTING

The Department may consider the current, intended, and reasonably anticipated future land use

of the site and its surroundings when evaluating a remedy for soil remediation. For this site, alternatives (or an alternative) that restrict(s) the use of the site to restricted-residential use (which allows for commercial use and industrial use) as described in Part 375-1.8(g) were/was evaluated in addition to an alternative which would allow for unrestricted use of the site.

A comparison of the results of the Remedial Investigation (RI) to the appropriate standards, criteria and guidance values (SCGs) for the identified land use and the unrestricted use SCGs for the site contaminants is available in the RI Report.

SECTION 5: ENFORCEMENT STATUS

The Applicant under the Brownfield Cleanup Agreement is a Volunteer. The Applicant does not have an obligation to address off-site contamination. However, the Department has determined that this site poses a significant threat to human health and the environment and there are off-site impacts that require remedial activities; accordingly enforcement actions are necessary.

The Department will seek to identify any parties (other than the Volunteer) known or suspected to be responsible for contamination at or emanating from the site, referred to as Potentially Responsible Parties (PRPs). The Department will bring an enforcement action against the PRPs. If an enforcement action cannot be brought, or does not result in the initiation of a remedial program by any PRPs, the Department will evaluate the off-site contamination for action under the State Superfund. The PRPs are subject to legal actions by the State for recovery of all response costs the State incurs or has incurred.

SECTION 6: SITE CONTAMINATION

6.1: Summary of the Remedial Investigation

A remedial investigation (RI) serves as the mechanism for collecting data to:

- characterize site conditions;
- determine the nature of the contamination; and
- assess risk to human health and the environment.

The RI is intended to identify the nature (or type) of contamination which may be present at a site and the extent of that contamination in the environment on the site, or leaving the site. The RI reports on data gathered to determine if the soil, groundwater, soil vapor, indoor air, surface water or sediments may have been contaminated. Monitoring wells are installed to assess groundwater and soil borings or test pits are installed to sample soil and/or waste(s) identified. If other natural resources are present, such as surface water bodies or wetlands, the water and sediment may be sampled as well. Based on the presence of contaminants in soil and groundwater, soil vapor will also be sampled for the presence of contamination. Data collected in the RI influence the development of remedial alternatives. The RI report is available for review in the site document repository and the results are summarized in section 6.3.

The analytical data collected on this site includes data for:

- outdoor air
- groundwater
- soil
- soil vapor
- indoor air
- sub-slab soil vapor

6.1.1: Standards, Criteria, and Guidance (SCGs)

The remedy must conform to promulgated standards and criteria that are directly applicable or that are relevant and appropriate. The selection of a remedy must also take into consideration guidance, as appropriate. Standards, Criteria and Guidance are hereafter called SCGs.

To determine whether the contaminants identified in various media are present at levels of concern, the data from the RI were compared to media-specific SCGs. The Department has developed SCGs for groundwater, surface water, sediments, and soil. The NYSDOH has developed SCGs for drinking water and soil vapor intrusion. For a full listing of all SCGs see: <http://www.dec.ny.gov/regulations/61794.html>

6.1.2: RI Results

The data have identified contaminants of concern. A "contaminant of concern" is a contaminant that is sufficiently present in frequency and concentration in the environment to require evaluation for remedial action. Not all contaminants identified on the property are contaminants of concern. The nature and extent of contamination and environmental media requiring action are summarized below. Additionally, the RI Report contains a full discussion of the data. The contaminant(s) of concern identified at this site is/are:

trichloroethene (TCE)
perchloroethylene (PCE)
benzo(b)fluoranthene
lead

The contaminant(s) of concern exceed the applicable SCGs for:

- groundwater
- soil
- soil vapor intrusion
- indoor air

6.2: Interim Remedial Measures

An interim remedial measure (IRM) is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before issuance of the Decision Document.

There were no IRMs performed at this site during the RI.

6.3: Summary of Environmental Assessment

This section summarizes the assessment of existing and potential future environmental impacts presented by the site. Environmental impacts may include existing and potential future exposure pathways to fish and wildlife receptors, wetlands, groundwater resources, and surface water. The RI report presents a detailed discussion of any existing and potential impacts from the site to fish and wildlife receptors.

Nature and Extent of Contamination:

Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides.

Soil: TCE was found in soil at varying depths below the southern half of the building and exceeded the protection of groundwater soil cleanup objective (SCO) of 0.47 parts per million (ppm). The highest concentration was 6.1 ppm at a depth of 0 to 2 feet below ground surface (bgs).

Some metals and SVOCs were identified in soil above restricted residential SCOs. The highest values were lead (525 ppm) and benzo(b)fluoranthene (4.2 ppm), both of which exceed the restricted-residential use SCO of 400 ppm and 1 ppm, respectively.

Data does not indicate any off-site impacts in soil related to this site. Pre-design soil studies are being undertaken to assess previously inaccessible areas beneath the rear equipment compound and in the vicinity of the site UST.

Groundwater: TCE was identified in groundwater with a maximum concentration of 280 parts per billion (ppb). Perchloroethylene (PCE), a chemical commonly used at drycleaners, is present in groundwater (up to 730 ppb) but has been concluded to be primarily from an immediately adjacent, upgradient, off-site BCP Site No. C241127. Off-site wells sampled at the downgradient edge of the site indicate low concentrations of TCE (11 ppb in MW6, 3.5 ppb in MW7) and PCE (81 ppb in MW6, 57 ppb in MW7) migrating off-site. In addition, a well installed by the Department located immediately adjacent to the site and side-gradient, also contained PCE at 440 ppb and TCE at 32 ppb in 2012.

Soil Vapor: TCE was sampled in soil vapor at 12 feet below grade (just above the water table) in 2013 and 2014. TCE ranged from 77 to 9,400 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) in 2013. In 2014, TCE ranged from 50 to 2,750 $\mu\text{g}/\text{m}^3$. No off-site soil vapor samples have been collected, although soil vapor may be migrating off-site. An investigation of off-site soil vapor and groundwater will be done.

Sub Slab and Indoor Air: In 2014, two sub-slab samples were taken below the building. TCE levels were 31 to 180 $\mu\text{g}/\text{m}^3$ and PCE were 67 to 73 $\mu\text{g}/\text{m}^3$. No indoor air samples were collected in 2014.

Six sub-slab and six indoor air samples were performed in August 2015. TCE in sub-slab samples ranged from 355 to 27,700 µg/m³ and indoor air values ranged between 43 to 47 µg/m³. NYSDOH's air guideline for TCE in air is 2 µg/m³. The NYSDOH recommends taking immediate and effective action to reduce exposure when TCE in air is equal to or exceeds 20 µg/m³. Air samples taken on the second floor indicated TCE in the range of 8 to 12 µg/m³. PCE was also present at lower concentrations (18 to 1100 µg/m³ in sub-slab samples and 8.3 to 13.1 µg/m³ in indoor air). In consultation with the Department and NYSDOH, the building owner implemented immediate measures to reduce the indoor air concentrations. These immediate measures were intended to expedite reduction of elevated indoor air concentrations prior to installing a permanent soil vapor extraction (SVE) remedial system to permanently address soil vapor intrusion. Follow-up sampling of indoor air has varied but results remain below the initial August 2015 results. Results from April 2016 sampling indicate TCE levels ranging from 3.58 to 8.49 µg/m³ and PCE levels from 4.41 to 8.47 µg/m³.

Based on the results of the environmental investigation, the Department and NYSDOH have determined that the site presents a significant threat to human health and the environment.

6.4: Summary of Human Exposure Pathways

This human exposure assessment identifies ways in which people may be exposed to site-related contaminants. Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure*.

People may come into contact with contaminated groundwater or soil if they dig below the surface. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains its water from a different source that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect the indoor air quality. This process similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Soil vapor intrusion sampling identified impacts to indoor air quality at levels that warranted immediate action to reduce exposure. Actions were taken and have reduced the levels; however, additional actions are recommended to reduce the levels further. Additional investigation is needed to evaluate whether actions are needed to address soil vapor intrusion within off-site structures.

6.5: Summary of the Remediation Objectives

The objectives for the remedial program have been established through the remedy selection process stated in 6 NYCRR Part 375. The goal for the remedial program is to restore the site to pre-disposal conditions to the extent feasible. At a minimum, the remedy shall eliminate or mitigate all significant threats to public health and the environment presented by the contamination identified at the site through the proper application of scientific and engineering principles.

The remedial action objectives for this site are:

Groundwater

RAOs for Public Health Protection

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

RAOs for Environmental Protection

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

Soil

RAOs for Public Health Protection

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

RAOs for Environmental Protection

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

Soil Vapor

RAOs for Public Health Protection

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

SECTION 7: ELEMENTS OF THE SELECTED REMEDY

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

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

The selected remedy is referred to as the Soil Vapor Extraction, Cover System and Enhanced Bioremediation (contingent) remedy.

The elements of the selected remedy, as shown in Figure 2, are as follows:

1. Remedial Design

A remedial design program will be implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the

design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows;

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gases and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals; and
- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.

2. Cover System

A site cover currently exists and will be maintained to allow for restricted residential use of the site. Any site redevelopment will maintain the existing site cover, which consists either of the structures such as buildings, pavement, sidewalks or soil where the upper two feet of exposed surface soil meets the applicable soil cleanup objectives (SCOs) for restricted residential use. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6NYCRR part 375-6.7(d).

3. Soil Vapor Extraction (SVE)

Soil vapor extraction (SVE) will be implemented to remove volatile organic compounds (VOCs) from the subsurface and address the potential for soil vapor intrusion to occur. VOCs will be physically removed from the soil by applying a vacuum to wells that have been installed into the vadose zone (the area below the ground but above the water table). The vacuum draws air through the soil matrix which carries the VOCs from the soil to the SVE well. The air extracted from the SVE wells is then treated as necessary prior to being discharged to the atmosphere.

Four SVE wells will be installed into the vadose zone and screened from 1 foot below the ground surface to a depth of approximately 10 feet. The air containing VOCs extracted from the SVE wells will be treated by passing the air stream through activated carbon which removes the VOCs from the air prior to it being discharged to the atmosphere. The SVE system will also be relied upon to mitigate the migration of vapors into the building. Based on monitoring of the SVE effectiveness, the SVE system may transition to a sub-slab depressurization system to mitigate the migration of vapors into the building for long term use, if needed.

4. Enhanced Bioremediation

A pre-design study will be undertaken to better understand and confirm the presence of an on-site source area. If results of the pre-design study confirm a site-related source of TCE in groundwater, then in-situ enhanced biodegradation will be employed to treat contaminants in groundwater in an area to be determined during the pre-design study and subsequent remedial design. The biological breakdown of contaminants through anaerobic reductive dechlorination will be enhanced by injecting a compound such as zero-valent metals into the subsurface or by injecting a molasses and water solution into the subsurface to promote microbe growth. The material, method and depth of injection will be determined during the remedial design.

5. Institutional Control

Imposition of an institutional control in the form of an environmental easement for the controlled property which will:

- require the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- allow the use and development of the controlled property for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or NYCDOH; and
- require compliance with the Department approved Site Management Plan.

6. Site Management Plan

A Site Management Plan is required, which includes the following:

- a. an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:

Institutional Controls: The Environmental Easement discussed in Paragraph 5 above.

Engineering Controls: The cover system discussed in Paragraph 2 and the soil vapor extraction system discussed in Paragraph 3.

This plan includes, but may not be limited to:

- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
- descriptions of the provisions of the environmental easement including any land use and groundwater water use restrictions;
- a provision for evaluation of the potential for soil vapor intrusion any occupied existing or future buildings developed on the site, including provision for implementing actions recommended to address exposures related to soil vapor

intrusion;

- provisions for the management and inspection of the identified engineering controls;
- maintaining site access controls and Department notification; and
- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

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

- monitoring of sub-slab vapor, indoor air and groundwater, to assess the performance and effectiveness of the remedy;
- a schedule of monitoring and frequency of submittals to the Department; and
- monitoring for vapor intrusion for any occupied existing or future buildings developed on the site, as may be required by the Institutional and Engineering Control Plan discussed above.

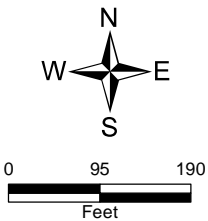
c. an Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, inspection, and reporting of any mechanical or physical components of the remedy. The plan includes, but is not limited to:

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

The Site Boundary and Property Boundary are the same.

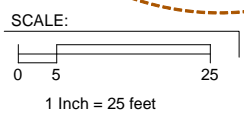
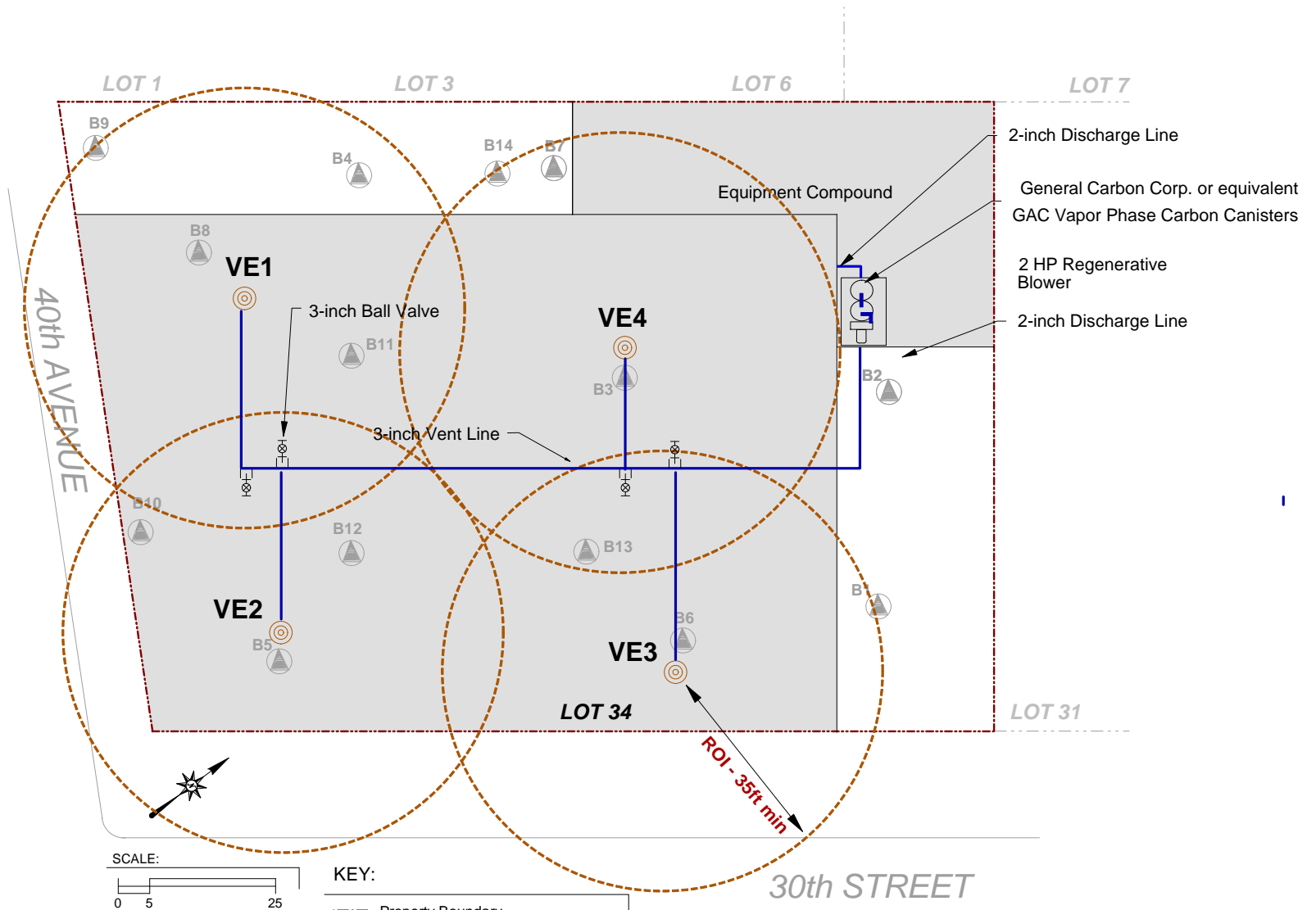


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



Site Location Map

Former Union Wire Corporation
Long Island City, Queens
Site No. C241163



- KEY:
- Property Boundary
 - Soil Boring Location
 - Vapor Extraction Well



ENVIRONMENTAL BUSINESS CONSULTANTS
 1808 MIDDLE COUNTRY ROAD, RIDGE, NY 11961
 Phone 631.504.6000
 Fax 631.924.2780

FORMER UNION WIRE DIE
 39-40 30TH STREET, LONG ISLAND CITY, NY

Figure 2

SVE SYSTEM LAYOUT

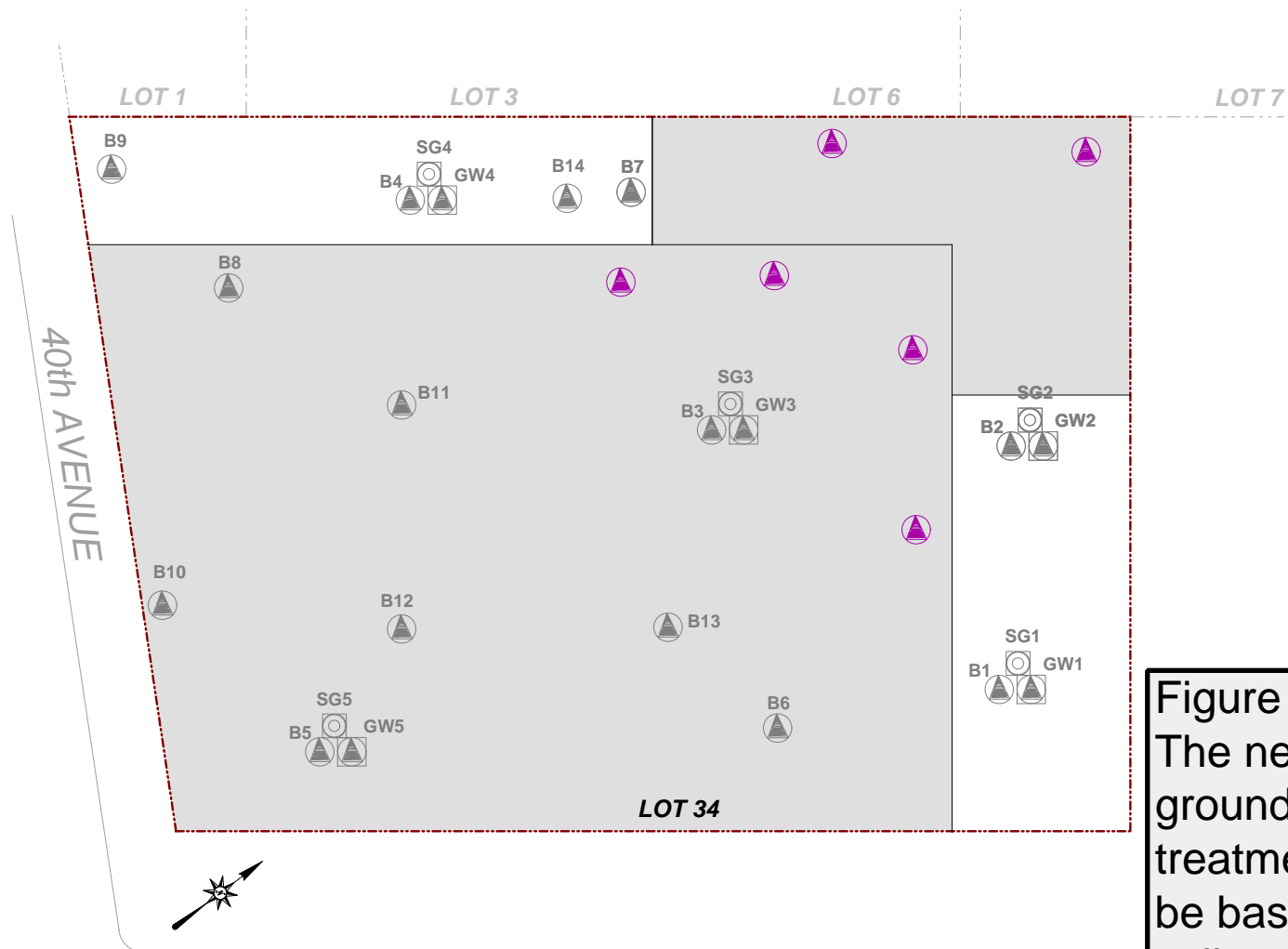
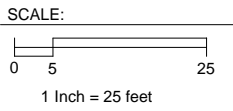


Figure 3
 The need for groundwater treatment will be based on soil results from the pre-design sampling



- KEY:
- Property Boundary
 - Groundwater Sampling Location
 - Soil Boring Location
 - Soil Gas Sampling Location
 - Existing 2-Story Building*
 - Pre Design Soil Boring Location
- *Note - Existing building dimensions are approximated.

30th STREET

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau B

625 Broadway, 12th Floor, Albany, NY 12233-7016

P: (518) 402-9768 | F: (518) 402-9773

www.dec.ny.gov

VIA EMAIL

August 12, 2016

Ganesh Management
Attn: Anjali Gopalani
39-40 30th Street
Queens, NY 11101
Gary@pccwireless.com

Re: Former Union Wire Die Corp.
Site ID No. C241163
Long Island City, Queens County
Remedial Work Plan & Decision Document

Dear Mr. Gopalani:

The New York State Department of Environmental Conservation (Department) and the New York State Department of Health (NYSDOH) have reviewed the Remedial Work Plan (RWP) for the Former Union Wire Die Corp site dated August 2016 and prepared by AMC Engineering PLLC on behalf of the Ganesh Management LLC. The RWP is hereby approved. Please ensure that a copy of the approved RWP is placed in the document repository. The draft plan should be removed.

Attached is a copy of the Department's Decision Document for the site. The remedy is to be implemented in accordance with this Decision Document. Please ensure that copies of the Decision Document are placed in the document repositories.

Please contact the Department's Project Manager, Ruth Curley, at (518) 402-9767 or ruth.curley@dec.ny.gov at your earliest convenience to discuss next steps. Please recall the Department requires seven days notice prior to the start of field work.

Sincerely,



Robert Cozzy
Director
Remedial Bureau B
Division of Environmental Remediation

Enclosure

ec w/attachments:

R. Schick	DEC	
M. Ryan	DEC	
R. Cozzy	DEC	
M. Komoroske	DEC	
J. O'Connell	DEC Reg 2	
R. Curley	DEC	
J. Nehila	DEC	
K. Anders	DOH	
J. Deming	DOH	
E. O'Neil	DOH	
C. Sosik	EBC	csosik@ebcincny.com
C. Reilly	EBC	Creilly@ebcincny.com
A. Czemerinski	AMC	ariel@amc-engineering.com
L. Shaw	Knauf Shaw LLP	lshaw@nyenvlaw.com

Andrew Sung

From: Curley, Ruth E (DEC) <ruth.curley@dec.ny.gov>
Sent: Tuesday, January 10, 2017 10:30 AM
To: ariel@amc-engineering.com; GARY@PCCWIRELESS.COM
Cc: Charlie Sosik; Chawinie Reilly; O'Neil, Eamonn M (HEALTH); Komoroske, Michael (DEC); Deming, Justin H (HEALTH); Doroski, Melissa A (HEALTH)
Subject: C241163 Former Union Wire - Monthly Indoor Air Sampling Reduced

All –

The Site installed a soil vapor extraction (SVE) system in October, 2016. The system began operation on 10/31/16.

Indoor air samples were performed in November and December 2016 with the SVE system operating. Based on review of these results, NYSDEC, in consultation with NYSDOH, no longer requires monthly sampling of indoor air. However, once a year, during the heating season, indoor air samples are required. This should be included in the Site Management Plan.

Other monitoring of the SVE system (including readings at each of the extraction wells, and at the carbon removal system) should continue as indicated in the NYSDEC-approved design document.

Please contact me if you have any questions.

Ruth Curley

Environmental Engineer 2, Division of Environmental Remediation

New York State Department of Environmental Conservation

625 Broadway, 12th Floor Albany, NY 12233-7016

P: 518-402-9767 | F: 518-402-9773 | ruth.curley@dec.ny.gov

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau B

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VIA EMAIL

May 12, 2017

Ganesh Management LLC
Attn: Anjali Gopalani
39-40 30th Street
Queens, NY 11101
gary@pccwireless.com

Re: Former Union Wire Die Corporation – Site C241163
Request for a Final Engineering Report

Thank you for submitting the pre-design study as required by the approved remedial action workplan. Based on review of the sampling, an on-site groundwater remedy will not be required under the decision document. Please submit the Final Engineering Report (FER) for the site within 30 days.

If you have any questions concerning this matter, or would like to discuss the comments, you may contact me by telephone (518) 402-9767 or by email (ruth.curley@dec.ny.gov).

Sincerely,



Ruth Curley, Environmental Engineer
Remedial Bureau B Section A
Division of Environmental Remediation

ec:

Mr. Charles Sosik - EBC

Mr. Ariel Czemerinski – AMC Engineering

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau B

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Ruth Curley, Environmental Engineer
Remedial Bureau B Section A
Division of Environmental Remediation

ec:

Mr. Charles Sosik - EBC

Mr. Ariel Czemerinski – AMC Engineering

Andrew Sung

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To: ariel@amc-engineering.com; GARY@PCCWIRELESS.COM
Cc: Charlie Sosik; Chawinie Reilly; O'Neil, Eamonn M (HEALTH); Komoroske, Michael (DEC); Deming, Justin H (HEALTH); Doroski, Melissa A (HEALTH)
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Ruth Curley

Environmental Engineer 2, Division of Environmental Remediation

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39-40 30th Street
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Sincerely,



Robert Cozzy
Director
Remedial Bureau B
Division of Environmental Remediation

Enclosure

ec w/attachments:

R. Schick	DEC	
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C. Sosik	EBC	csosik@ebcincny.com
C. Reilly	EBC	Creilly@ebcincny.com
A. Czemerinski	AMC	ariel@amc-engineering.com
L. Shaw	Knauf Shaw LLP	lshaw@nyenvlaw.com

ATTACHMENT E:

**DAILY AND MONTHLY STATUS
REPORTS**

MONTHLY



MONTHLY REPORT FOR December 2014

SITE ADDRESS: 39-40 30th Street Queens NY
DATES: December 1 to December 31
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN December 2014

- 1) A remedial investigation work plan was approved on September 22, 2014
- 2) Week of 12/8 mark outs called in prior to RI work
- 3) 12/15/14- EBC mobilizes to site and collects samples for B9, B10 and B11; samples were submitted to the lab for analysis
- 4) 12/16/14 - EBC mobilizes to the site with Eastern Environmental to install MW6 and MW7 in the site walk
- 5) 12/17/14 EBC collects samples B11, B12, B13 and B14. Due to height restrictions and depth of concrete at location B14, this soil boring was moved closer to B7. EBC attempted installation at this location three times and hit refusal at 10 feet.
- 6) 12/26 EBC returns to site to collect samples SG6, SG7, develop monitoring wells and collect ground water samples from Mw1 to Mw7; samples submitted to lab for analysis
- 7) 12/29 EBC returns to the site to collect the following samples; SG8 and SG9; samples submitted to lab for analysis

MATERIALS TRANSPORTED OFFSITE IN MONTH OF JANUARY

none

MATERIALS TRANSPORTED ONSITE IN MONTH OF FEBRUARY

none

SAMPLING RESULTS

Soil samples were collected and analyzed for VOCs, SVOCs, Pesticides PCBs and Metals; The following VOCs; acetone and Trichloroethene were detected above UUSCOs in shallow samples. Methylene chloride The following SVOCs; Indeno(1,2,3-cd)pyrene and Benzo(b)fluoranthene were detected above restricted residential standards in shallow samples. No pesticides or PCBs were detected above UUSCOs in any sample. The following metals Chromium, copper, lead mercury, silver and zinc were detected above UUSCOs in shallow samples. Lead and barium were detected about RRSCO in one shallow sample. A copy of the analytical report prepared by Phoenix Environmental Laboratories, Inc. is attached.

Groundwater samples were collected and analyzed for VOCs, SVOCs, Pesticides PCBs and dissolved metals. The following VOCs were detected above NYSDEC GQS; tetrachloroethene, trichloroethene and cis-1,2-Dichloroethene; in MW1 to MW7. No SVOCs and PCBs were detected above NYSDEC GQS. The following pesticides were detected above NYSDEC GQS; Dieldrin in MW3 and MW4. The following dissolved metals; sodium, manganese and magnesium were detected above NYSDEC GQS in MW1 to MW7. A copy of the analytical report prepared by Phoenix Environmental Laboratories, Inc. is attached.

Soil vapor samples were collected and analyzed via TO-15 method; chlorinated VOCs for Tetrachloroethene and Trichloroethene were above NYSDOH maximum sub- slab values. A copy of the analytical report prepared by Phoenix Environmental Laboratories, Inc. is attached.

PLAN FOR MONTH OF January 2015

- 1) Prepare RIR and RAWP for site

SCHEDULE DELAYS



Monday, January 05, 2015

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST QUEENS
Sample ID#s: BH57947 - BH57948

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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

Analysis Report
 January 05, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: SC
 Received by: SW
 Analyzed by: see "By" below

Date

12/26/14
 12/29/14

Time

10:46
 17:00

Laboratory Data

SDG ID: GBH57947
 Phoenix ID: BH57947

Project ID: 39-40 30TH ST QUEENS
 Client ID:

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
<u>Volatiles (TO15)</u>								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	12/29/14	KCA	TO15	1
1,1,1-Trichloroethane	1.13	0.183	6.16	1.00	12/29/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	12/29/14	KCA	TO15	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	12/29/14	KCA	TO15	
1,1-Dichloroethane	ND	0.247	ND	1.00	12/29/14	KCA	TO15	
1,1-Dichloroethene	ND	0.252	ND	1.00	12/29/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	12/29/14	KCA	TO15	
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	12/29/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	12/29/14	KCA	TO15	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	12/29/14	KCA	TO15	
1,2-Dichloroethane	ND	0.247	ND	1.00	12/29/14	KCA	TO15	
1,2-dichloropropane	ND	0.216	ND	1.00	12/29/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	12/29/14	KCA	TO15	
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	12/29/14	KCA	TO15	
1,3-Butadiene	ND	0.452	ND	1.00	12/29/14	KCA	TO15	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	12/29/14	KCA	TO15	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	12/29/14	KCA	TO15	
1,4-Dioxane	ND	0.278	ND	1.00	12/29/14	KCA	TO15	
2-Hexanone(MBK)	ND	0.244	ND	1.00	12/29/14	KCA	TO15	1
4-Ethyltoluene	ND	0.204	ND	1.00	12/29/14	KCA	TO15	1
4-Isopropyltoluene	ND	0.182	ND	1.00	12/29/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	1.04	0.244	4.26	1.00	12/29/14	KCA	TO15	
Acetone	11.7	0.421	27.8	1.00	12/29/14	KCA	TO15	
Acrylonitrile	ND	0.461	ND	1.00	12/29/14	KCA	TO15	
Benzene	0.450	0.313	1.44	1.00	12/29/14	KCA	TO15	
Benzyl chloride	ND	0.193	ND	1.00	12/29/14	KCA	TO15	

Client ID:

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	12/29/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	12/29/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	12/29/14	KCA	TO15
Carbon Disulfide	1.80	0.321	5.60	1.00	12/29/14	KCA	TO15
Carbon Tetrachloride	0.100	0.040	0.629	0.25	12/29/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	12/29/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	12/29/14	KCA	TO15
Chloroform	4.70	0.205	22.9	1.00	12/29/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	12/29/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	12/29/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	12/29/14	KCA	TO15
Cyclohexane	ND	0.291	ND	1.00	12/29/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	12/29/14	KCA	TO15
Dichlorodifluoromethane	0.410	0.202	2.03	1.00	12/29/14	KCA	TO15
Ethanol	5.08	0.531	9.56	1.00	12/29/14	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	12/29/14	KCA	TO15 1
Ethylbenzene	0.510	0.230	2.21	1.00	12/29/14	KCA	TO15
Heptane	ND	0.244	ND	1.00	12/29/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	12/29/14	KCA	TO15
Hexane	ND	0.284	ND	1.00	12/29/14	KCA	TO15
Isopropylalcohol	ND	0.407	ND	1.00	12/29/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	12/29/14	KCA	TO15
m,p-Xylene	2.02	0.230	8.76	1.00	12/29/14	KCA	TO15
Methyl Ethyl Ketone	0.400	0.339	1.18	1.00	12/29/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	12/29/14	KCA	TO15
Methylene Chloride	ND	0.288	ND	1.00	12/29/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	12/29/14	KCA	TO15 1
o-Xylene	0.710	0.230	3.08	1.00	12/29/14	KCA	TO15
Propylene	0.830	0.581	1.43	1.00	12/29/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	12/29/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	12/29/14	KCA	TO15
Tetrachloroethene	82.6	0.037	560	0.25	12/29/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	12/29/14	KCA	TO15 1
Toluene	0.630	0.266	2.37	1.00	12/29/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	12/29/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	12/29/14	KCA	TO15
Trichloroethene	512	0.047	2750	0.25	12/29/14	KCA	TO15
Trichlorofluoromethane	1.12	0.178	6.29	1.00	12/29/14	KCA	TO15
Trichlorotrifluoroethane	0.160	0.130	1.22	1.00	12/29/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	12/29/14	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	104	%	104	%	12/29/14	KCA	70 - 130 %

Client ID:

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

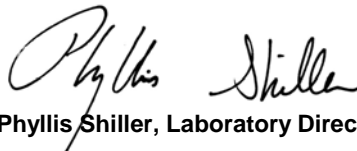
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

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

January 05, 2015

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

Analysis Report
 January 05, 2015

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 Ridge NY 11961-2406

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Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: SC
 Received by: SW
 Analyzed by: see "By" below

Date

12/26/14
 12/29/14

Time

11:21
 17:00

Laboratory Data

SDG ID: GBH57947
 Phoenix ID: BH57948

Project ID: 39-40 30TH ST QUEENS
 Client ID:

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<u>Volatiles (TO15)</u>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	12/29/14	KCA	TO15 1
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1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	12/29/14	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	12/29/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	12/29/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	12/29/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	12/29/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	12/29/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	12/29/14	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	12/29/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	12/29/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	0.350	0.244	1.43	1.00	12/29/14	KCA	TO15
Acetone	12.7	0.421	30.1	1.00	12/29/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	12/29/14	KCA	TO15
Benzene	0.920	0.313	2.94	1.00	12/29/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	12/29/14	KCA	TO15

Client ID:

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	12/29/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	12/29/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	12/29/14	KCA	TO15
Carbon Disulfide	ND	0.321	ND	1.00	12/29/14	KCA	TO15
Carbon Tetrachloride	0.110	0.040	0.692	0.25	12/29/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	12/29/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	12/29/14	KCA	TO15
Chloroform	6.99	0.205	34.1	1.00	12/29/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	12/29/14	KCA	TO15
Cis-1,2-Dichloroethene	0.950	0.252	3.76	1.00	12/29/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	12/29/14	KCA	TO15
Cyclohexane	ND	0.291	ND	1.00	12/29/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	12/29/14	KCA	TO15
Dichlorodifluoromethane	0.400	0.202	1.98	1.00	12/29/14	KCA	TO15
Ethanol	7.14	0.531	13.4	1.00	12/29/14	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	12/29/14	KCA	TO15 1
Ethylbenzene	0.530	0.230	2.30	1.00	12/29/14	KCA	TO15
Heptane	0.320	0.244	1.31	1.00	12/29/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	12/29/14	KCA	TO15
Hexane	ND	0.284	ND	1.00	12/29/14	KCA	TO15
Isopropylalcohol	ND	0.407	ND	1.00	12/29/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	12/29/14	KCA	TO15
m,p-Xylene	2.00	0.230	8.68	1.00	12/29/14	KCA	TO15
Methyl Ethyl Ketone	0.540	0.339	1.59	1.00	12/29/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	12/29/14	KCA	TO15
Methylene Chloride	ND	0.288	ND	1.00	12/29/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	12/29/14	KCA	TO15 1
o-Xylene	0.700	0.230	3.04	1.00	12/29/14	KCA	TO15
Propylene	ND	0.581	ND	1.00	12/29/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	12/29/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	12/29/14	KCA	TO15
Tetrachloroethene	7.44	0.037	50.4	0.25	12/29/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	12/29/14	KCA	TO15 1
Toluene	3.18	0.266	12.0	1.00	12/29/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	12/29/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	12/29/14	KCA	TO15
Trichloroethene	42.8	0.047	230	0.25	12/29/14	KCA	TO15
Trichlorofluoromethane	0.780	0.178	4.38	1.00	12/29/14	KCA	TO15
Trichlorotrifluoroethane	0.150	0.130	1.15	1.00	12/29/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	12/29/14	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	94	%	94	%	12/29/14	KCA	70 - 130 %

Client ID:

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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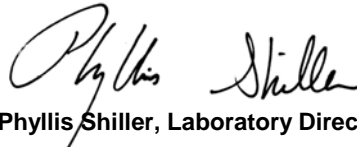
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

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

January 05, 2015

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



QA/QC Report

January 05, 2015

QA/QC Data

SDG I.D.: GBH57947

Parameter	Blank ppbv	Blank 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 295926, QC Sample No: BH57286 (BH57947, BH57948)										
Volatiles										
1,1,1,2-Tetrachloroethane	ND	ND	120	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	89	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	109	3.19	3.10	0.650	0.630	3.1	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	106	1.03	0.933	0.210	0.190	10.0	70 - 130	20
4-Isopropyltoluene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	ND	96	214	220	90.0	92.6	2.8	70 - 130	20
Acrylonitrile	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	100	220	219	68.9	68.7	0.3	70 - 130	20
Benzyl chloride	ND	ND	127	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	96	9.71	9.68	3.12	3.11	0.3	70 - 130	20
Carbon Tetrachloride	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
Chlorobenzene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	97	2.39	2.44	0.490	0.500	2.0	70 - 130	20
Chloromethane	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	98	88.1	89.8	25.6	26.1	1.9	70 - 130	20
Dibromochloromethane	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	101	2.08	2.03	0.420	0.410	2.4	70 - 130	20
Ethanol	ND	ND	93	55.7	54.2	29.6	28.8	2.7	70 - 130	20

QA/QC Data

SDG I.D.: GBH57947

Parameter	Blank ppbv	Blank 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	ND	110	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	ND	105	5.94	6.12	1.37	1.41	2.9	70 - 130	20
Heptane	ND	ND	96	36.3	36.6	8.87	8.95	0.9	70 - 130	20
Hexachlorobutadiene	ND	ND	74	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	97	83.5	85.2	23.7	24.2	2.1	70 - 130	20
Isopropylalcohol	ND	ND	96	30.2	29.7	12.3	12.1	1.6	70 - 130	20
Isopropylbenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	106	20.1	20.7	4.63	4.78	3.2	70 - 130	20
Methyl Ethyl Ketone	ND	ND	101	5.25	5.33	1.78	1.81	1.7	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	85	ND	ND	ND	ND	NC	70 - 130	20
n-Butylbenzene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	104	8.33	8.81	1.92	2.03	5.6	70 - 130	20
Propylene	ND	ND	100	155	147	90.0	85.6	5.0	70 - 130	20
sec-Butylbenzene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	106	1.69	1.69	0.250	0.250	0.0	70 - 130	20
Tetrahydrofuran	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	104	60.2	59.9	16.0	15.9	0.6	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Trichlorotrifluoroethane	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	104	104	98	96	97	96	97	1.0	70 - 130	20

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
January 05, 2015

Sample Criteria Exceedences Report

GBH57947 - EBC

Criteria: None

State: NY

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

*** No Data to Display ***

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



CHAIN OF CUSTODY RECORD AIR ANALYSES

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Email: info@phoenixlabs.com Fax (860) 645-0823
 Client Services (860) 645-1102

Data Delivery:
 Fax #:
 Email: C8887K@ebl-intlgy.com

Pg. 1 of 4

4900
 HPC
 WUCIP

Report to: EBC
 Address: 1808 Middle Country Rd
 Project Mgr: Art G Miller
 Phone #: _____
 Invoice to: EBC
 Address: _____
 P.O.#: _____
 Quote #: _____
 Project Name: 39-40 30th St. Queens
 Location: _____
 State: NY
 Sampled by: SUNNY C.

Phoenix ID #	Client Sample ID	LAB USE ONLY				Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Sample End Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Antibient/Indoor Air	MATRIX		ANALYSES	
		Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)									Flow Regulator ID #	Flow Controller Setting (mL/min)	SO ₂ Gas	Grab (G) Composite (C)
57947		477	6L	-4	5042	829	1046	12-26-14	-30	-7			X		X		
57948		12836	6L	-4	5354	915	1121	12-26-14	-30	-7			X		X		

Relinquished by: [Signature] Accepted by: [Signature]
 Date: 12/30/14
 Date: 12/30/14
 Criteria Requested: _____
 Deliverable: RCP MCP PDF GISKey
 Data Format: Excel Equis Other:

SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:
 *Received canister labeled #210. per sunny. NOT USED.
 State where samples collected: NY
 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: _____

Ifs Canister Returned Unused? Y/N



Wednesday, January 07, 2015

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH STREET QUEENS
Sample ID#s: BH57969 - BH57976

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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



SDG Comments

January 07, 2015

SDG I.D.: GBH57969

8260 Volatile Organics:

1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/FID method 504 or 8011 to achieve this criteria.

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.

Toxaphene is reported to the lowest possible reporting level. The NY TOGS criteria for this compound can not be achieved.



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

Analysis Report

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: CU
 Received by: SW
 Analyzed by: see "By" below

Date

12/26/14
 12/29/14

Time

8:30
 17:00

Laboratory Data

SDG ID: GBH57969
 Phoenix ID: BH57969

Project ID: 39-40 30TH STREET QUEENS
 Client ID: MW 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.003	mg/L	01/02/15	EK	SW6010
Aluminum (Dissolved)	0.058	* 0.011	0.0026	mg/L	01/02/15	EK	SW6010
Arsenic, (Dissolved)	< 0.003	0.003	0.001	mg/L	01/02/15	EK	SW6010
Barium (Dissolved)	0.163	0.011	0.001	mg/L	01/02/15	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	01/02/15	EK	SW6010
Calcium (Dissolved)	144	0.11	0.032	mg/L	01/02/15	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	01/02/15	EK	SW6010
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	01/02/15	EK	SW6010
Chromium (Dissolved)	0.003	0.001	0.001	mg/L	01/02/15	EK	SW6010
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	01/02/15	EK	SW6010
Iron, (Dissolved)	0.01	0.01	0.01	mg/L	01/02/15	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/30/14	RS	SW7470
Potassium (Dissolved)	14.9	0.1	0.1	mg/L	01/02/15	EK	SW6010
Magnesium (Dissolved)	30.0	0.01	0.001	mg/L	01/02/15	EK	SW6010
Manganese, (Dissolved)	0.031	0.005	0.001	mg/L	01/02/15	EK	SW6010
Sodium (Dissolved)	190	1.1	1.1	mg/L	01/02/15	EK	SW6010
Nickel, (Dissolved)	0.001	B 0.004	0.001	mg/L	01/02/15	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	01/02/15	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	01/02/15	RS	7010
Selenium, (Dissolved)	0.006	0.004	0.002	mg/L	12/31/14	RS	7010
Thallium, (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/30/14	RS	7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	01/02/15	EK	SW6010
Zinc, (Dissolved)	0.003	B* 0.011	0.001	mg/L	01/02/15	EK	SW6010
Filtration	Completed				12/29/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/30/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/29/14	L	SW3510
Extraction for Pest (2 Liter)	Completed				12/29/14	L	SW3510
Semi-Volatile Extraction	Completed				12/29/14	E/D/D	SW3520

Client ID: MW 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/29/14	AG	
<u>Pesticides</u>							
4,4' -DDD	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
4,4' -DDE	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
4,4' -DDT	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
a-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
a-chlordane	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Alachlor	ND	0.075	0.075	ug/L	12/31/14	MH	SW8081
Aldrin	ND	0.002	0.002	ug/L	12/31/14	MH	SW8081
b-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
Chlordane	ND	0.05	0.05	ug/L	12/31/14	MH	SW8081
d-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
Dieldrin	ND	0.002	0.002	ug/L	12/31/14	MH	SW8081
Endosulfan I	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endosulfan II	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endosulfan Sulfate	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin Aldehyde	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin ketone	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
g-BHC (Lindane)	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
g-chlordane	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Heptachlor	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Heptachlor epoxide	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	12/31/14	MH	SW8081
Toxaphene	ND	0.25	0.25	ug/L	12/31/14	MH	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	64			%	12/31/14	MH	SW8081
%TCMX (Surrogate Rec)	59			%	12/31/14	MH	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	62			%	12/30/14	AW	30 - 150 %
% TCMX	55			%	12/30/14	AW	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	12/30/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	12/30/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	12/30/14	MH	SW8260

Client ID: MW 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	1.0	0.24	ug/L	12/30/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	12/30/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
1,2-Dichloroethane	ND	0.60	0.20	ug/L	12/30/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	12/30/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
Acetone	1.9	JS 5.0	0.31	ug/L	12/30/14	MH	SW8260
Acrolein	ND	5.0	0.95	ug/L	12/30/14	MH	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	12/30/14	MH	SW8260
Benzene	ND	0.70	0.19	ug/L	12/30/14	MH	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
Bromoform	ND	5.0	0.10	ug/L	12/30/14	MH	SW8260
Bromomethane	ND	5.0	0.50	ug/L	12/30/14	MH	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	12/30/14	MH	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	12/30/14	MH	SW8260
Chloroethane	ND	5.0	0.24	ug/L	12/30/14	MH	SW8260
Chloroform	0.33	J 5.0	0.22	ug/L	12/30/14	MH	SW8260
Chloromethane	0.32	J 5.0	0.21	ug/L	12/30/14	MH	SW8260
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
cis-1,3-Dichloropropane	ND	0.40	0.15	ug/L	12/30/14	MH	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	12/30/14	MH	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	12/30/14	MH	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
Hexachlorobutadiene	ND	0.5	0.13	ug/L	12/30/14	MH	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	12/30/14	MH	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	12/30/14	MH	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	12/30/14	MH	SW8260
Naphthalene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260

Client ID: MW 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
o-Xylene	ND	1.0	0.45	ug/L	12/30/14	MH	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
Styrene	ND	1.0	0.41	ug/L	12/30/14	MH	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Tetrachloroethene	160	10	2.4	ug/L	12/30/14	MH	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	12/30/14	MH	SW8260
Toluene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	12/30/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	12/30/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	12/30/14	MH	SW8260
Trichloroethene	29	1.0	0.18	ug/L	12/30/14	MH	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	12/30/14	MH	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99			%	12/30/14	MH	70 - 121 %
% Bromofluorobenzene	95			%	12/30/14	MH	59 - 113 %
% Dibromofluoromethane	95			%	12/30/14	MH	70 - 130 %
% Toluene-d8	98			%	12/30/14	MH	84 - 138 %
Semivolatiles							
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	01/02/15	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	01/02/15	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	01/02/15	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	01/02/15	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	01/02/15	DD	SW 8270
2-Chlorophenol	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	01/02/15	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
2-Nitroaniline	ND	5.0	5.0	ug/L	01/02/15	DD	SW 8270
2-Nitrophenol	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	01/02/15	DD	SW 8270
3-Nitroaniline	ND	5.0	5.0	ug/L	01/02/15	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	01/02/15	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
4-Chloroaniline	ND	3.5	2.3	ug/L	01/02/15	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	01/02/15	DD	SW 8270

Client ID: MW 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.0	1.7	ug/L	01/02/15	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	01/02/15	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	01/02/15	DD	SW 8270
Aniline	ND	3.5	5.0	ug/L	01/02/15	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	01/02/15	DD	SW 8270
Benzidine	ND	4.5	2.9	ug/L	01/02/15	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	01/02/15	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	01/02/15	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	01/02/15	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	01/02/15	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	01/02/15	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	01/02/15	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	01/02/15	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	01/02/15	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	01/02/15	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	01/02/15	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	01/02/15	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	01/02/15	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	01/02/15	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	01/02/15	DD	SW 8270
Phenol	ND	1.0	1.0	ug/L	01/02/15	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	01/02/15	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	01/02/15	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	113			%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	96			%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	67			%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	105			%	01/02/15	DD	23 - 120 %
% Phenol-d5	78			%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	128			%	01/02/15	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	12/31/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	12/31/14	DD	SW8270 (SIM)
Chrysene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	12/31/14	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	0.50	0.50	ug/L	12/31/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	12/31/14	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	116			%	12/31/14	DD	15 - 110 % ³
% 2-Fluorobiphenyl	88			%	12/31/14	DD	30 - 115 %
% 2-Fluorophenol	77			%	12/31/14	DD	15 - 110 %
% Nitrobenzene-d5	87			%	12/31/14	DD	23 - 120 %
% Phenol-d5	86			%	12/31/14	DD	15 - 110 %
% Terphenyl-d14	112			%	12/31/14	DD	18 - 137 %

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.

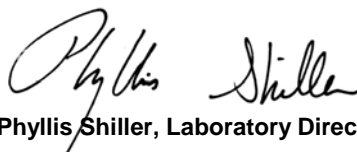
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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.

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

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Phyllis Shiller, Laboratory Director

January 07, 2015

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



Analysis Report

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: CU
 Received by: SW
 Analyzed by: see "By" below

Date

12/26/14
 12/29/14

Time

9:00
 17:00

Laboratory Data

SDG ID: GBH57969
 Phoenix ID: BH57970

Project ID: 39-40 30TH STREET QUEENS
 Client ID: MW 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.003	mg/L	01/02/15	EK	SW6010
Aluminum (Dissolved)	0.058	* 0.011	0.0026	mg/L	01/02/15	EK	SW6010
Arsenic, (Dissolved)	0.005	0.003	0.001	mg/L	01/02/15	EK	SW6010
Barium (Dissolved)	0.072	0.011	0.001	mg/L	01/02/15	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	01/02/15	EK	SW6010
Calcium (Dissolved)	134	0.11	0.032	mg/L	01/02/15	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	01/02/15	EK	SW6010
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	01/02/15	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	01/02/15	EK	SW6010
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	01/02/15	EK	SW6010
Iron, (Dissolved)	0.02	0.01	0.01	mg/L	01/02/15	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/30/14	RS	SW7470
Potassium (Dissolved)	5.5	0.1	0.1	mg/L	01/02/15	EK	SW6010
Magnesium (Dissolved)	22.2	0.01	0.001	mg/L	01/02/15	EK	SW6010
Manganese, (Dissolved)	0.046	0.005	0.001	mg/L	01/02/15	EK	SW6010
Sodium (Dissolved)	150	1.1	1.1	mg/L	01/02/15	EK	SW6010
Nickel, (Dissolved)	< 0.004	0.004	0.001	mg/L	01/02/15	EK	SW6010
Lead (Dissolved)	0.002	B 0.002	0.001	mg/L	01/02/15	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	01/02/15	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	12/31/14	RS	7010
Thallium, (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/30/14	RS	7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	01/02/15	EK	SW6010
Zinc, (Dissolved)	< 0.011	* 0.011	0.001	mg/L	01/02/15	EK	SW6010
Filtration	Completed				12/29/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/30/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/29/14	L	SW3510
Extraction for Pest (2 Liter)	Completed				12/29/14	L	SW3510
Semi-Volatile Extraction	Completed				01/02/15	E/K/D	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/29/14	AG	
<u>Pesticides</u>							
4,4' -DDD	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
4,4' -DDE	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
4,4' -DDT	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
a-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
a-chlordane	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Alachlor	ND	0.075	0.075	ug/L	12/31/14	MH	SW8081
Aldrin	ND	0.002	0.002	ug/L	12/31/14	MH	SW8081
b-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
Chlordane	ND	0.05	0.05	ug/L	12/31/14	MH	SW8081
d-BHC	ND	0.020	0.020	ug/L	12/31/14	MH	SW8081
Dieldrin	ND	0.002	0.002	ug/L	12/31/14	MH	SW8081
Endosulfan I	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endosulfan II	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endosulfan Sulfate	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin Aldehyde	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin ketone	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
g-BHC (Lindane)	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
g-chlordane	0.021	0.010	0.010	ug/L	12/31/14	MH	SW8081
Heptachlor	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Heptachlor epoxide	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	12/31/14	MH	SW8081
Toxaphene	ND	0.25	0.25	ug/L	12/31/14	MH	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	38			%	12/31/14	MH	SW8081
%TCMX (Surrogate Rec)	55			%	12/31/14	MH	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	35			%	12/30/14	AW	30 - 150 %
% TCMX	56			%	12/30/14	AW	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	12/30/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	12/30/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	12/30/14	MH	SW8260

Client ID: MW 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	1.0	0.24	ug/L	12/30/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	12/30/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
1,2-Dichloroethane	ND	0.60	0.20	ug/L	12/30/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	12/30/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
Acetone	1.5	JS 5.0	0.31	ug/L	12/30/14	MH	SW8260
Acrolein	ND	5.0	0.95	ug/L	12/30/14	MH	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	12/30/14	MH	SW8260
Benzene	ND	0.70	0.19	ug/L	12/30/14	MH	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
Bromoform	ND	5.0	0.10	ug/L	12/30/14	MH	SW8260
Bromomethane	ND	5.0	0.50	ug/L	12/30/14	MH	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	12/30/14	MH	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	12/30/14	MH	SW8260
Chloroethane	ND	5.0	0.24	ug/L	12/30/14	MH	SW8260
Chloroform	0.50	J 5.0	0.22	ug/L	12/30/14	MH	SW8260
Chloromethane	0.26	J 5.0	0.21	ug/L	12/30/14	MH	SW8260
cis-1,2-Dichloroethene	0.32	J 1.0	0.23	ug/L	12/30/14	MH	SW8260
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	12/30/14	MH	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	12/30/14	MH	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	12/30/14	MH	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
Hexachlorobutadiene	ND	0.5	0.13	ug/L	12/30/14	MH	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	12/30/14	MH	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	12/30/14	MH	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	12/30/14	MH	SW8260
Naphthalene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260

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Client ID: MW 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
o-Xylene	ND	1.0	0.45	ug/L	12/30/14	MH	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
Styrene	ND	1.0	0.41	ug/L	12/30/14	MH	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Tetrachloroethene	65	5.0	1.2	ug/L	12/30/14	MH	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	12/30/14	MH	SW8260
Toluene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	12/30/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	12/30/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	12/30/14	MH	SW8260
Trichloroethene	2.1	1.0	0.18	ug/L	12/30/14	MH	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	12/30/14	MH	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100			%	12/30/14	MH	70 - 121 %
% Bromofluorobenzene	97			%	12/30/14	MH	59 - 113 %
% Dibromofluoromethane	95			%	12/30/14	MH	70 - 130 %
% Toluene-d8	97			%	12/30/14	MH	84 - 138 %
Semivolatiles							
1,2,4-Trichlorobenzene	ND	5.2	1.6	ug/L	01/05/15	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.2	1.7	ug/L	01/05/15	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
2,4-Dinitrotoluene	ND	5	2.1	ug/L	01/05/15	DD	SW 8270
2,6-Dinitrotoluene	ND	5	1.6	ug/L	01/05/15	DD	SW 8270
2-Chloronaphthalene	ND	5.2	1.5	ug/L	01/05/15	DD	SW 8270
2-Chlorophenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
2-Methylnaphthalene	ND	5.2	1.6	ug/L	01/05/15	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
2-Nitroaniline	ND	5	5	ug/L	01/05/15	DD	SW 8270
2-Nitrophenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5	2.5	ug/L	01/05/15	DD	SW 8270
3-Nitroaniline	ND	5	5	ug/L	01/05/15	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.2	1.5	ug/L	01/05/15	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
4-Chloroaniline	ND	3.6	2.4	ug/L	01/05/15	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.2	1.8	ug/L	01/05/15	DD	SW 8270

Client ID: MW 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5	1.7	ug/L	01/05/15	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
Acenaphthene	ND	5.2	1.6	ug/L	01/05/15	DD	SW 8270
Acetophenone	ND	5.2	1.6	ug/L	01/05/15	DD	SW 8270
Aniline	ND	3.6	5.2	ug/L	01/05/15	DD	SW 8270
Anthracene	ND	5.2	1.7	ug/L	01/05/15	DD	SW 8270
Benzidine	ND	4.7	3.1	ug/L	01/05/15	DD	SW 8270
Benzoic acid	ND	26	10	ug/L	01/05/15	DD	SW 8270
Benzyl butyl phthalate	ND	5.2	1.3	ug/L	01/05/15	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.	1.4	ug/L	01/05/15	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.2	1.4	ug/L	01/05/15	DD	SW 8270
Carbazole	ND	26	3.9	ug/L	01/05/15	DD	SW 8270
Dibenzofuran	ND	5	1.5	ug/L	01/05/15	DD	SW 8270
Diethyl phthalate	ND	5.2	1.6	ug/L	01/05/15	DD	SW 8270
Dimethylphthalate	ND	5.2	1.6	ug/L	01/05/15	DD	SW 8270
Di-n-butylphthalate	ND	5.2	1.4	ug/L	01/05/15	DD	SW 8270
Di-n-octylphthalate	ND	5.2	1.3	ug/L	01/05/15	DD	SW 8270
Fluoranthene	ND	5.2	1.7	ug/L	01/05/15	DD	SW 8270
Fluorene	ND	5.2	1.7	ug/L	01/05/15	DD	SW 8270
Hexachlorocyclopentadiene	ND	5	1.6	ug/L	01/05/15	DD	SW 8270
Isophorone	ND	5.2	1.5	ug/L	01/05/15	DD	SW 8270
Naphthalene	ND	5	1.5	ug/L	01/05/15	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.2	1.7	ug/L	01/05/15	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.2	2.0	ug/L	01/05/15	DD	SW 8270
Phenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
Pyrene	ND	5.2	1.8	ug/L	01/05/15	DD	SW 8270
Pyridine	ND	10	1.3	ug/L	01/05/15	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	91			%	01/05/15	DD	19 - 122 %
% 2-Fluorobiphenyl	78			%	01/05/15	DD	30 - 115 %
% 2-Fluorophenol	42			%	01/05/15	DD	25 - 121 %
% Nitrobenzene-d5	71			%	01/05/15	DD	23 - 120 %
% Phenol-d5	52			%	01/05/15	DD	24 - 113 %
% Terphenyl-d14	96			%	01/05/15	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	0.52	0.52	ug/L	01/05/15	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	01/05/15	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	1.4	1.0	1.0	ug/L	01/05/15	DD	SW8270 (SIM)
Chrysene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.42	0.42	ug/L	01/05/15	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	0.52	0.52	ug/L	01/05/15	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	01/05/15	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	01/05/15	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.83	0.83	ug/L	01/05/15	DD	SW8270 (SIM)
Phenanthrene	0.14	0.10	0.10	ug/L	01/05/15	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	100			%	01/05/15	DD	15 - 110 %
% 2-Fluorobiphenyl	74			%	01/05/15	DD	30 - 115 %
% 2-Fluorophenol	57			%	01/05/15	DD	15 - 110 %
% Nitrobenzene-d5	70			%	01/05/15	DD	23 - 120 %
% Phenol-d5	66			%	01/05/15	DD	15 - 110 %
% Terphenyl-d14	94			%	01/05/15	DD	18 - 137 %

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
 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

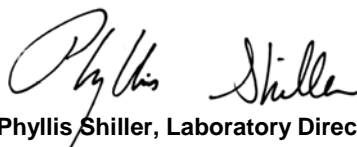
Comments:

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.

Pesticide Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

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

January 07, 2015

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

Analysis Report
 January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: CU
 Received by: SW
 Analyzed by: see "By" below

Date

12/26/14
 12/29/14

Time

9:30
 17:00

Laboratory Data

SDG ID: GBH57969
 Phoenix ID: BH57971

Project ID: 39-40 30TH STREET QUEENS
 Client ID: MW 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.003	mg/L	01/02/15	EK	SW6010
Aluminum (Dissolved)	0.042	* 0.011	0.0026	mg/L	01/02/15	EK	SW6010
Arsenic, (Dissolved)	0.002	B 0.003	0.001	mg/L	01/02/15	EK	SW6010
Barium (Dissolved)	0.159	0.011	0.001	mg/L	01/02/15	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	01/02/15	EK	SW6010
Calcium (Dissolved)	142	0.11	0.032	mg/L	01/02/15	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	01/02/15	EK	SW6010
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	01/02/15	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	01/02/15	EK	SW6010
Copper, (Dissolved)	0.002	B 0.005	0.001	mg/L	01/02/15	EK	SW6010
Iron, (Dissolved)	0.09	0.01	0.01	mg/L	01/02/15	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/30/14	RS	SW7470
Potassium (Dissolved)	5.2	0.1	0.1	mg/L	01/02/15	EK	SW6010
Magnesium (Dissolved)	46.3	0.01	0.001	mg/L	01/02/15	EK	SW6010
Manganese, (Dissolved)	1.64	0.005	0.001	mg/L	01/02/15	EK	SW6010
Sodium (Dissolved)	123	1.1	1.1	mg/L	01/02/15	EK	SW6010
Nickel, (Dissolved)	0.058	0.004	0.001	mg/L	01/02/15	EK	SW6010
Lead (Dissolved)	0.001	B 0.002	0.001	mg/L	01/02/15	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	01/02/15	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	12/31/14	RS	7010
Thallium, (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/30/14	RS	7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	01/02/15	EK	SW6010
Zinc, (Dissolved)	0.008	B* 0.011	0.001	mg/L	01/02/15	EK	SW6010
Filtration	Completed				12/29/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/30/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/29/14	L	SW3510
Extraction for Pest (2 Liter)	Completed				12/29/14	L	SW3510
Semi-Volatile Extraction	Completed				12/29/14	E/D/D	SW3520

Client ID: MW 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/29/14	AG	
<u>Pesticides</u>							
4,4' -DDD	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
4,4' -DDE	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
4,4' -DDT	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
a-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
a-chlordane	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Alachlor	ND	0.075	0.075	ug/L	12/31/14	MH	SW8081
Aldrin	ND	0.002	0.002	ug/L	12/31/14	MH	SW8081
b-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
Chlordane	ND	0.05	0.05	ug/L	12/31/14	MH	SW8081
d-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
Dieldrin	0.008	0.002	0.002	ug/L	12/31/14	MH	SW8081
Endosulfan I	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endosulfan II	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endosulfan Sulfate	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin Aldehyde	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin ketone	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
g-BHC (Lindane)	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
g-chlordane	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Heptachlor	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Heptachlor epoxide	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	12/31/14	MH	SW8081
Toxaphene	ND	0.25	0.25	ug/L	12/31/14	MH	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	50			%	12/31/14	MH	SW8081
%TCMX (Surrogate Rec)	51			%	12/31/14	MH	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	50			%	12/30/14	AW	30 - 150 %
% TCMX	51			%	12/30/14	AW	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	12/30/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	12/30/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	12/30/14	MH	SW8260

Client ID: MW 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	0.43	J	1.0	0.24	ug/L	12/30/14	MH SW8260
1,1-Dichloropropene	ND		1.0	0.20	ug/L	12/30/14	MH SW8260
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	12/30/14	MH SW8260
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	12/30/14	MH SW8260
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	12/30/14	MH SW8260
1,2,4-Trimethylbenzene	ND		1.0	0.18	ug/L	12/30/14	MH SW8260
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	12/30/14	MH SW8260
1,2-Dibromoethane	ND		1.0	0.20	ug/L	12/30/14	MH SW8260
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	12/30/14	MH SW8260
1,2-Dichloroethane	ND		0.60	0.20	ug/L	12/30/14	MH SW8260
1,2-Dichloropropane	ND		1.0	0.18	ug/L	12/30/14	MH SW8260
1,3,5-Trimethylbenzene	ND		1.0	0.21	ug/L	12/30/14	MH SW8260
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L	12/30/14	MH SW8260
1,3-Dichloropropane	ND		1.0	0.22	ug/L	12/30/14	MH SW8260
1,4-Dichlorobenzene	ND		1.0	0.19	ug/L	12/30/14	MH SW8260
2,2-Dichloropropane	ND		1.0	0.16	ug/L	12/30/14	MH SW8260
2-Chlorotoluene	ND		1.0	0.23	ug/L	12/30/14	MH SW8260
2-Hexanone	ND		1.0	0.27	ug/L	12/30/14	MH SW8260
2-Isopropyltoluene	0.32	J	1.0	0.21	ug/L	12/30/14	MH SW8260
4-Chlorotoluene	ND		1.0	0.16	ug/L	12/30/14	MH SW8260
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	12/30/14	MH SW8260
Acetone	1.4	JS	5.0	0.31	ug/L	12/30/14	MH SW8260
Acrolein	ND		5.0	0.95	ug/L	12/30/14	MH SW8260
Acrylonitrile	ND		5.0	0.17	ug/L	12/30/14	MH SW8260
Benzene	ND		0.70	0.19	ug/L	12/30/14	MH SW8260
Bromobenzene	ND		1.0	0.20	ug/L	12/30/14	MH SW8260
Bromochloromethane	ND		1.0	0.22	ug/L	12/30/14	MH SW8260
Bromodichloromethane	ND		1.0	0.16	ug/L	12/30/14	MH SW8260
Bromoform	ND		5.0	0.10	ug/L	12/30/14	MH SW8260
Bromomethane	ND		5.0	0.50	ug/L	12/30/14	MH SW8260
Carbon Disulfide	ND		1.0	0.24	ug/L	12/30/14	MH SW8260
Carbon tetrachloride	ND		1.0	0.23	ug/L	12/30/14	MH SW8260
Chlorobenzene	ND		5.0	0.20	ug/L	12/30/14	MH SW8260
Chloroethane	ND		5.0	0.24	ug/L	12/30/14	MH SW8260
Chloroform	0.29	J	5.0	0.22	ug/L	12/30/14	MH SW8260
Chloromethane	0.30	J	5.0	0.21	ug/L	12/30/14	MH SW8260
cis-1,2-Dichloroethene	5.1		1.0	0.23	ug/L	12/30/14	MH SW8260
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	12/30/14	MH SW8260
Dibromochloromethane	ND		1.0	0.15	ug/L	12/30/14	MH SW8260
Dibromomethane	ND		1.0	0.23	ug/L	12/30/14	MH SW8260
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	12/30/14	MH SW8260
Ethylbenzene	ND		1.0	0.19	ug/L	12/30/14	MH SW8260
Hexachlorobutadiene	ND		0.5	0.13	ug/L	12/30/14	MH SW8260
Isopropylbenzene	ND		1.0	0.22	ug/L	12/30/14	MH SW8260
m&p-Xylene	ND		1.0	0.42	ug/L	12/30/14	MH SW8260
Methyl ethyl ketone	ND		1.0	0.50	ug/L	12/30/14	MH SW8260
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	12/30/14	MH SW8260
Methylene chloride	ND		3.0	0.16	ug/L	12/30/14	MH SW8260
Naphthalene	ND		1.0	0.19	ug/L	12/30/14	MH SW8260

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Client ID: MW 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
o-Xylene	ND	1.0	0.45	ug/L	12/30/14	MH	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
sec-Butylbenzene	1.2	1.0	0.22	ug/L	12/30/14	MH	SW8260
Styrene	ND	1.0	0.41	ug/L	12/30/14	MH	SW8260
tert-Butylbenzene	1.4	1.0	0.23	ug/L	12/30/14	MH	SW8260
Tetrachloroethene	210	20	4.8	ug/L	12/30/14	MH	SW8260
Tetrahydrofuran (THF)	2.7	J 5.0	0.51	ug/L	12/30/14	MH	SW8260
Toluene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
trans-1,2-Dichloroethene	0.29	J 5.0	0.20	ug/L	12/30/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	12/30/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	12/30/14	MH	SW8260
Trichloroethene	280	20	3.6	ug/L	12/30/14	MH	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	12/30/14	MH	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	12/30/14	MH	70 - 121 %
% Bromofluorobenzene	100			%	12/30/14	MH	59 - 113 %
% Dibromofluoromethane	96			%	12/30/14	MH	70 - 130 %
% Toluene-d8	97			%	12/30/14	MH	84 - 138 %
<u>Semivolatiles</u>							
1,2,4-Trichlorobenzene	ND	5.1	1.5	ug/L	12/31/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.1	1.7	ug/L	12/31/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5	2.0	ug/L	12/31/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5	1.6	ug/L	12/31/14	DD	SW 8270
2-Chloronaphthalene	ND	5.1	1.5	ug/L	12/31/14	DD	SW 8270
2-Chlorophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2-Methylnaphthalene	ND	5.1	1.5	ug/L	12/31/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2-Nitroaniline	ND	5	5	ug/L	12/31/14	DD	SW 8270
2-Nitrophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5	2.4	ug/L	12/31/14	DD	SW 8270
3-Nitroaniline	ND	5	5	ug/L	12/31/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.1	1.5	ug/L	12/31/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
4-Chloroaniline	ND	3.6	2.4	ug/L	12/31/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.1	1.7	ug/L	12/31/14	DD	SW 8270

Client ID: MW 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5	1.7	ug/L	12/31/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
Acenaphthene	ND	5.1	1.6	ug/L	12/31/14	DD	SW 8270
Acetophenone	ND	5.1	1.6	ug/L	12/31/14	DD	SW 8270
Aniline	ND	3.6	5.1	ug/L	12/31/14	DD	SW 8270
Anthracene	ND	5.1	1.7	ug/L	12/31/14	DD	SW 8270
Benzidine	ND	4.6	3.0	ug/L	12/31/14	DD	SW 8270
Benzoic acid	ND	26	10	ug/L	12/31/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.1	1.3	ug/L	12/31/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5	1.4	ug/L	12/31/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.1	1.4	ug/L	12/31/14	DD	SW 8270
Carbazole	ND	26	3.9	ug/L	12/31/14	DD	SW 8270
Dibenzofuran	ND	5	1.5	ug/L	12/31/14	DD	SW 8270
Diethyl phthalate	ND	5.1	1.6	ug/L	12/31/14	DD	SW 8270
Dimethylphthalate	ND	5.1	1.6	ug/L	12/31/14	DD	SW 8270
Di-n-butylphthalate	ND	5.1	1.4	ug/L	12/31/14	DD	SW 8270
Di-n-octylphthalate	ND	5.1	1.3	ug/L	12/31/14	DD	SW 8270
Fluoranthene	ND	5.1	1.7	ug/L	12/31/14	DD	SW 8270
Fluorene	ND	5.1	1.7	ug/L	12/31/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5	1.6	ug/L	12/31/14	DD	SW 8270
Isophorone	ND	5.1	1.4	ug/L	12/31/14	DD	SW 8270
Naphthalene	ND	5	1.5	ug/L	12/31/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.1	1.7	ug/L	12/31/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.1	2.0	ug/L	12/31/14	DD	SW 8270
Phenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
Pyrene	ND	5.1	1.8	ug/L	12/31/14	DD	SW 8270
Pyridine	ND	10	1.3	ug/L	12/31/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	86			%	12/31/14	DD	19 - 122 %
% 2-Fluorobiphenyl	74			%	12/31/14	DD	30 - 115 %
% 2-Fluorophenol	44			%	12/31/14	DD	25 - 121 %
% Nitrobenzene-d5	73			%	12/31/14	DD	23 - 120 %
% Phenol-d5	51			%	12/31/14	DD	24 - 113 %
% Terphenyl-d14	102			%	12/31/14	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	0.51	0.51	ug/L	12/31/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	12/31/14	DD	SW8270 (SIM)
Chrysene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.41	0.41	ug/L	12/31/14	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	0.51	0.51	ug/L	12/31/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.82	0.82	ug/L	12/31/14	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	118			%	12/31/14	DD	15 - 110 % ³
% 2-Fluorobiphenyl	80			%	12/31/14	DD	30 - 115 %
% 2-Fluorophenol	66			%	12/31/14	DD	15 - 110 %
% Nitrobenzene-d5	82			%	12/31/14	DD	23 - 120 %
% Phenol-d5	76			%	12/31/14	DD	15 - 110 %
% Terphenyl-d14	101			%	12/31/14	DD	18 - 137 %

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.

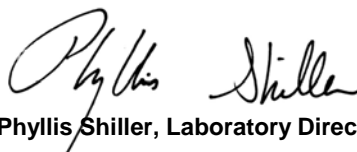
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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.

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

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Phyllis Shiller, Laboratory Director

January 07, 2015

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

Analysis Report
 January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: CU
 Received by: SW
 Analyzed by: see "By" below

Date

12/26/14
 12/29/14

Time

10:00
 17:00

Laboratory Data

SDG ID: GBH57969
 Phoenix ID: BH57972

Project ID: 39-40 30TH STREET QUEENS
 Client ID: MW 4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.003	mg/L	01/02/15	EK	SW6010
Aluminum (Dissolved)	0.024	* 0.011	0.0026	mg/L	01/02/15	EK	SW6010
Arsenic, (Dissolved)	0.002	B 0.003	0.001	mg/L	01/02/15	EK	SW6010
Barium (Dissolved)	0.075	0.011	0.001	mg/L	01/02/15	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	01/02/15	EK	SW6010
Calcium (Dissolved)	121	0.11	0.032	mg/L	01/02/15	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	01/02/15	EK	SW6010
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	01/02/15	EK	SW6010
Chromium (Dissolved)	0.005	0.001	0.001	mg/L	01/02/15	EK	SW6010
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	01/02/15	EK	SW6010
Iron, (Dissolved)	< 0.01	0.01	0.01	mg/L	01/02/15	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/30/14	RS	SW7470
Potassium (Dissolved)	6.2	0.1	0.1	mg/L	01/02/15	EK	SW6010
Magnesium (Dissolved)	42.5	0.01	0.001	mg/L	01/02/15	EK	SW6010
Manganese, (Dissolved)	1.60	0.005	0.001	mg/L	01/02/15	EK	SW6010
Sodium (Dissolved)	109	1.1	1.1	mg/L	01/02/15	EK	SW6010
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	01/02/15	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	01/02/15	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	01/02/15	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	12/31/14	RS	7010
Thallium, (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/30/14	RS	7010
Vanadium, (Dissolved)	0.002	B 0.011	0.001	mg/L	01/02/15	EK	SW6010
Zinc, (Dissolved)	0.012	* 0.011	0.001	mg/L	01/02/15	EK	SW6010
Filtration	Completed				12/29/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/30/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/29/14	L	SW3510
Extraction for Pest (2 Liter)	Completed				12/29/14	L	SW3510
Semi-Volatile Extraction	Completed				12/29/14	E/D/D	SW3520

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/29/14	AG	
<u>Pesticides</u>							
4,4' -DDD	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
4,4' -DDE	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
4,4' -DDT	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
a-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
a-chlordane	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Alachlor	ND	0.075	0.075	ug/L	12/31/14	MH	SW8081
Aldrin	ND	0.002	0.002	ug/L	12/31/14	MH	SW8081
b-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
Chlordane	ND	0.05	0.05	ug/L	12/31/14	MH	SW8081
d-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
Dieldrin	0.020	0.002	0.002	ug/L	12/31/14	MH	SW8081
Endosulfan I	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endosulfan II	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endosulfan Sulfate	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin Aldehyde	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin ketone	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
g-BHC (Lindane)	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
g-chlordane	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Heptachlor	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Heptachlor epoxide	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	12/31/14	MH	SW8081
Toxaphene	ND	0.25	0.25	ug/L	12/31/14	MH	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	58			%	12/31/14	MH	SW8081
%TCMX (Surrogate Rec)	52			%	12/31/14	MH	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	62			%	12/30/14	AW	30 - 150 %
% TCMX	58			%	12/30/14	AW	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	12/30/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	12/30/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	12/30/14	MH	SW8260

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	0.48	J 1.0	0.24	ug/L	12/30/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	12/30/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
1,2-Dichloroethane	ND	0.60	0.20	ug/L	12/30/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	12/30/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
Acetone	1.8	JS 5.0	0.31	ug/L	12/30/14	MH	SW8260
Acrolein	ND	5.0	0.95	ug/L	12/30/14	MH	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	12/30/14	MH	SW8260
Benzene	ND	0.70	0.19	ug/L	12/30/14	MH	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
Bromoform	ND	5.0	0.10	ug/L	12/30/14	MH	SW8260
Bromomethane	ND	5.0	0.50	ug/L	12/30/14	MH	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	12/30/14	MH	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	12/30/14	MH	SW8260
Chloroethane	ND	5.0	0.24	ug/L	12/30/14	MH	SW8260
Chloroform	ND	5.0	0.22	ug/L	12/30/14	MH	SW8260
Chloromethane	0.39	J 5.0	0.21	ug/L	12/30/14	MH	SW8260
cis-1,2-Dichloroethene	10	1.0	0.23	ug/L	12/30/14	MH	SW8260
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	12/30/14	MH	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	12/30/14	MH	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	12/30/14	MH	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
Hexachlorobutadiene	ND	0.5	0.13	ug/L	12/30/14	MH	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	12/30/14	MH	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	12/30/14	MH	SW8260
Methyl t-butyl ether (MTBE)	0.34	J 1.0	0.19	ug/L	12/30/14	MH	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	12/30/14	MH	SW8260
Naphthalene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
o-Xylene	ND	1.0	0.45	ug/L	12/30/14	MH	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
sec-Butylbenzene	0.32	J 1.0	0.22	ug/L	12/30/14	MH	SW8260
Styrene	ND	1.0	0.41	ug/L	12/30/14	MH	SW8260
tert-Butylbenzene	0.83	J 1.0	0.23	ug/L	12/30/14	MH	SW8260
Tetrachloroethene	670	40	9.6	ug/L	12/31/14	MH	SW8260
Tetrahydrofuran (THF)	0.91	J 5.0	0.51	ug/L	12/30/14	MH	SW8260
Toluene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
trans-1,2-Dichloroethene	1.7	J 5.0	0.20	ug/L	12/30/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	12/30/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	12/30/14	MH	SW8260
Trichloroethene	150	10	1.8	ug/L	12/31/14	MH	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Vinyl chloride	0.15	J 1.0	0.14	ug/L	12/30/14	MH	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	12/30/14	MH	70 - 121 %
% Bromofluorobenzene	96			%	12/30/14	MH	59 - 113 %
% Dibromofluoromethane	94			%	12/30/14	MH	70 - 130 %
% Toluene-d8	94			%	12/30/14	MH	84 - 138 %
<u>Semivolatiles</u>							
1,2,4-Trichlorobenzene	ND	5.6	1.7	ug/L	12/31/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.1	1.1	ug/L	12/31/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.6	1.8	ug/L	12/31/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.1	1.1	ug/L	12/31/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.1	1.1	ug/L	12/31/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1	1	ug/L	12/31/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1	1	ug/L	12/31/14	DD	SW 8270
2,4-Dichlorophenol	ND	1	1	ug/L	12/31/14	DD	SW 8270
2,4-Dimethylphenol	ND	1	1	ug/L	12/31/14	DD	SW 8270
2,4-Dinitrophenol	ND	1	1.1	ug/L	12/31/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5	2.2	ug/L	12/31/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5	1.8	ug/L	12/31/14	DD	SW 8270
2-Chloronaphthalene	ND	5.6	1.6	ug/L	12/31/14	DD	SW 8270
2-Chlorophenol	ND	1	1	ug/L	12/31/14	DD	SW 8270
2-Methylnaphthalene	ND	5.6	1.7	ug/L	12/31/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1	1	ug/L	12/31/14	DD	SW 8270
2-Nitroaniline	ND	5	5	ug/L	12/31/14	DD	SW 8270
2-Nitrophenol	ND	1	1	ug/L	12/31/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.1	1.1	ug/L	12/31/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5	2.6	ug/L	12/31/14	DD	SW 8270
3-Nitroaniline	ND	5	5	ug/L	12/31/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1	1	ug/L	12/31/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.6	1.6	ug/L	12/31/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1	1	ug/L	12/31/14	DD	SW 8270
4-Chloroaniline	ND	3.9	2.6	ug/L	12/31/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.6	1.9	ug/L	12/31/14	DD	SW 8270

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5	1.9	ug/L	12/31/14	DD	SW 8270
4-Nitrophenol	ND	1	1	ug/L	12/31/14	DD	SW 8270
Acenaphthene	ND	5.6	1.7	ug/L	12/31/14	DD	SW 8270
Acetophenone	ND	5.6	1.7	ug/L	12/31/14	DD	SW 8270
Aniline	ND	3.9	5.6	ug/L	12/31/14	DD	SW 8270
Anthracene	ND	5.6	1.8	ug/L	12/31/14	DD	SW 8270
Benzidine	ND	5.0	3.3	ug/L	12/31/14	DD	SW 8270
Benzoic acid	ND	28	11	ug/L	12/31/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.6	1.4	ug/L	12/31/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5	1.5	ug/L	12/31/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1	1	ug/L	12/31/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.6	1.5	ug/L	12/31/14	DD	SW 8270
Carbazole	ND	28	4.2	ug/L	12/31/14	DD	SW 8270
Dibenzofuran	ND	5	1.6	ug/L	12/31/14	DD	SW 8270
Diethyl phthalate	ND	5.6	1.8	ug/L	12/31/14	DD	SW 8270
Dimethylphthalate	ND	5.6	1.7	ug/L	12/31/14	DD	SW 8270
Di-n-butylphthalate	ND	5.6	1.5	ug/L	12/31/14	DD	SW 8270
Di-n-octylphthalate	ND	5.6	1.4	ug/L	12/31/14	DD	SW 8270
Fluoranthene	ND	5.6	1.8	ug/L	12/31/14	DD	SW 8270
Fluorene	ND	5.6	1.8	ug/L	12/31/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5	1.7	ug/L	12/31/14	DD	SW 8270
Isophorone	ND	5.6	1.6	ug/L	12/31/14	DD	SW 8270
Naphthalene	ND	5	1.6	ug/L	12/31/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.1	1.1	ug/L	12/31/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.6	1.8	ug/L	12/31/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.6	2.1	ug/L	12/31/14	DD	SW 8270
Phenol	ND	1	1	ug/L	12/31/14	DD	SW 8270
Pyrene	ND	5.6	1.9	ug/L	12/31/14	DD	SW 8270
Pyridine	ND	11	1.4	ug/L	12/31/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	85			%	12/31/14	DD	19 - 122 %
% 2-Fluorobiphenyl	78			%	12/31/14	DD	30 - 115 %
% 2-Fluorophenol	45			%	12/31/14	DD	25 - 121 %
% Nitrobenzene-d5	76			%	12/31/14	DD	23 - 120 %
% Phenol-d5	52			%	12/31/14	DD	24 - 113 %
% Terphenyl-d14	104			%	12/31/14	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	0.56	0.56	ug/L	12/31/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.11	0.11	ug/L	12/31/14	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.1	1.1	ug/L	12/31/14	DD	SW8270 (SIM)
Chrysene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.44	0.44	ug/L	12/31/14	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	0.56	0.56	ug/L	12/31/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.11	0.11	ug/L	12/31/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.11	0.11	ug/L	12/31/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.89	0.89	ug/L	12/31/14	DD	SW8270 (SIM)
Phenanthrene	ND	0.11	0.11	ug/L	12/31/14	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	121			%	12/31/14	DD	15 - 110 % ³
% 2-Fluorobiphenyl	89			%	12/31/14	DD	30 - 115 %
% 2-Fluorophenol	73			%	12/31/14	DD	15 - 110 %
% Nitrobenzene-d5	86			%	12/31/14	DD	23 - 120 %
% Phenol-d5	80			%	12/31/14	DD	15 - 110 %
% Terphenyl-d14	117			%	12/31/14	DD	18 - 137 %

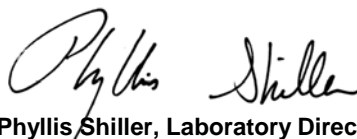
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
 3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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.

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

January 07, 2015

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



Analysis Report

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: CU
 Received by: SW
 Analyzed by: see "By" below

Date

12/26/14
 12/29/14

Time

10:30
 17:00

Laboratory Data

SDG ID: GBH57969
 Phoenix ID: BH57973

Project ID: 39-40 30TH STREET QUEENS
 Client ID: MW 5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.003	mg/L	01/02/15	EK	SW6010
Aluminum (Dissolved)	0.081	* 0.011	0.0026	mg/L	01/02/15	EK	SW6010
Arsenic, (Dissolved)	< 0.003	0.003	0.001	mg/L	01/02/15	EK	SW6010
Barium (Dissolved)	0.104	0.011	0.001	mg/L	01/02/15	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	01/02/15	EK	SW6010
Calcium (Dissolved)	200	0.11	0.032	mg/L	01/02/15	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	01/02/15	EK	SW6010
Cobalt, (Dissolved)	0.002	B 0.005	0.001	mg/L	01/02/15	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	01/02/15	EK	SW6010
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	01/02/15	EK	SW6010
Iron, (Dissolved)	0.06	0.01	0.01	mg/L	01/02/15	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/30/14	RS	SW7470
Potassium (Dissolved)	4.0	0.1	0.1	mg/L	01/02/15	EK	SW6010
Magnesium (Dissolved)	54.3	0.01	0.001	mg/L	01/02/15	EK	SW6010
Manganese, (Dissolved)	2.11	0.053	0.011	mg/L	01/02/15	EK	SW6010
Sodium (Dissolved)	122	1.1	1.1	mg/L	01/02/15	EK	SW6010
Nickel, (Dissolved)	0.004	0.004	0.001	mg/L	01/02/15	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	01/02/15	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	01/02/15	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	12/31/14	RS	7010
Thallium, (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/30/14	RS	7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	01/02/15	EK	SW6010
Zinc, (Dissolved)	0.005	B* 0.011	0.001	mg/L	01/02/15	EK	SW6010
Filtration	Completed				12/29/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/30/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/29/14	L	SW3510
Extraction for Pest (2 Liter)	Completed				12/29/14	L	SW3510
Semi-Volatile Extraction	Completed				12/29/14	E/D/D	SW3520

Client ID: MW 5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/29/14	AG	
<u>Pesticides</u>							
4,4' -DDD	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
4,4' -DDE	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
4,4' -DDT	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
a-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
a-chlordane	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Alachlor	ND	0.075	0.075	ug/L	12/31/14	MH	SW8081
Aldrin	ND	0.002	0.002	ug/L	12/31/14	MH	SW8081
b-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
Chlordane	ND	0.05	0.05	ug/L	12/31/14	MH	SW8081
d-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
Dieldrin	ND	0.002	0.002	ug/L	12/31/14	MH	SW8081
Endosulfan I	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endosulfan II	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endosulfan Sulfate	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin Aldehyde	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin ketone	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
g-BHC (Lindane)	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
g-chlordane	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Heptachlor	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Heptachlor epoxide	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	12/31/14	MH	SW8081
Toxaphene	ND	0.25	0.25	ug/L	12/31/14	MH	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	44			%	12/31/14	MH	SW8081
%TCMX (Surrogate Rec)	52			%	12/31/14	MH	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	48			%	12/30/14	AW	30 - 150 %
% TCMX	54			%	12/30/14	AW	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	12/30/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	12/30/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	12/30/14	MH	SW8260

Client ID: MW 5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	1.0	0.24	ug/L	12/30/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	12/30/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
1,2-Dichloroethane	ND	0.60	0.20	ug/L	12/30/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	12/30/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
Acetone	2.7	JS 5.0	0.31	ug/L	12/30/14	MH	SW8260
Acrolein	ND	5.0	0.95	ug/L	12/30/14	MH	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	12/30/14	MH	SW8260
Benzene	ND	0.70	0.19	ug/L	12/30/14	MH	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
Bromoform	ND	5.0	0.10	ug/L	12/30/14	MH	SW8260
Bromomethane	ND	5.0	0.50	ug/L	12/30/14	MH	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	12/30/14	MH	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	12/30/14	MH	SW8260
Chloroethane	ND	5.0	0.24	ug/L	12/30/14	MH	SW8260
Chloroform	ND	5.0	0.22	ug/L	12/30/14	MH	SW8260
Chloromethane	0.37	J 5.0	0.21	ug/L	12/30/14	MH	SW8260
cis-1,2-Dichloroethene	0.23	J 1.0	0.23	ug/L	12/30/14	MH	SW8260
cis-1,3-Dichloropropane	ND	0.40	0.15	ug/L	12/30/14	MH	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	12/30/14	MH	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	12/30/14	MH	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
Hexachlorobutadiene	ND	0.5	0.13	ug/L	12/30/14	MH	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	12/30/14	MH	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	12/30/14	MH	SW8260
Methyl t-butyl ether (MTBE)	3.9	1.0	0.19	ug/L	12/30/14	MH	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	12/30/14	MH	SW8260
Naphthalene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260

1

Client ID: MW 5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
o-Xylene	ND	1.0	0.45	ug/L	12/30/14	MH	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
Styrene	ND	1.0	0.41	ug/L	12/30/14	MH	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Tetrachloroethene	30	1.0	0.24	ug/L	12/30/14	MH	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	12/30/14	MH	SW8260
Toluene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	12/30/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	12/30/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	12/30/14	MH	SW8260
Trichloroethene	3.6	1.0	0.18	ug/L	12/30/14	MH	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	12/30/14	MH	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99			%	12/30/14	MH	70 - 121 %
% Bromofluorobenzene	96			%	12/30/14	MH	59 - 113 %
% Dibromofluoromethane	95			%	12/30/14	MH	70 - 130 %
% Toluene-d8	97			%	12/30/14	MH	84 - 138 %
Semivolatiles							
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	12/31/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	12/31/14	DD	SW 8270
2-Chlorophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2-Nitroaniline	ND	5.0	5.0	ug/L	12/31/14	DD	SW 8270
2-Nitrophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	12/31/14	DD	SW 8270
3-Nitroaniline	ND	5.0	5.0	ug/L	12/31/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
4-Chloroaniline	ND	3.5	2.3	ug/L	12/31/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	12/31/14	DD	SW 8270

Client ID: MW 5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.0	1.7	ug/L	12/31/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
Aniline	ND	3.5	5.0	ug/L	12/31/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
Benzidine	ND	4.5	2.9	ug/L	12/31/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	12/31/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	12/31/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	12/31/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	12/31/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	12/31/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	12/31/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	12/31/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	12/31/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	12/31/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	12/31/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	12/31/14	DD	SW 8270
Phenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	12/31/14	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	12/31/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	81			%	12/31/14	DD	19 - 122 %
% 2-Fluorobiphenyl	77			%	12/31/14	DD	30 - 115 %
% 2-Fluorophenol	35			%	12/31/14	DD	25 - 121 %
% Nitrobenzene-d5	79			%	12/31/14	DD	23 - 120 %
% Phenol-d5	36			%	12/31/14	DD	24 - 113 %
% Terphenyl-d14	109			%	12/31/14	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	12/31/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	12/31/14	DD	SW8270 (SIM)
Chrysene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	12/31/14	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	0.50	0.50	ug/L	12/31/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	12/31/14	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	120			%	12/31/14	DD	15 - 110 % ³
% 2-Fluorobiphenyl	92			%	12/31/14	DD	30 - 115 %
% 2-Fluorophenol	59			%	12/31/14	DD	15 - 110 %
% Nitrobenzene-d5	95			%	12/31/14	DD	23 - 120 %
% Phenol-d5	61			%	12/31/14	DD	15 - 110 %
% Terphenyl-d14	116			%	12/31/14	DD	18 - 137 %

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.

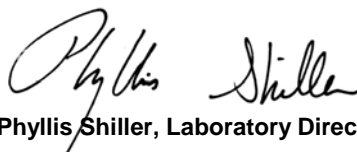
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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.

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

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Phyllis Shiller, Laboratory Director

January 07, 2015

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

Analysis Report
 January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: CU
 Received by: SW
 Analyzed by: see "By" below

Date

12/26/14
 12/29/14

Time

11:00
 17:00

Laboratory Data

SDG ID: GBH57969
 Phoenix ID: BH57974

Project ID: 39-40 30TH STREET QUEENS
 Client ID: MW 6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.003	mg/L	01/02/15	EK	SW6010
Aluminum (Dissolved)	0.108	0.011	0.0026	mg/L	01/02/15	EK	SW6010
Arsenic, (Dissolved)	0.001	B 0.003	0.001	mg/L	01/02/15	EK	SW6010
Barium (Dissolved)	0.122	0.011	0.001	mg/L	01/02/15	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	01/02/15	EK	SW6010
Calcium (Dissolved)	168	0.11	0.032	mg/L	01/02/15	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	01/02/15	EK	SW6010
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	01/02/15	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	01/02/15	EK	SW6010
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	01/02/15	EK	SW6010
Iron, (Dissolved)	0.13	0.01	0.01	mg/L	01/02/15	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/30/14	RS	SW7470
Potassium (Dissolved)	7.1	0.1	0.1	mg/L	01/02/15	EK	SW6010
Magnesium (Dissolved)	58.0	0.01	0.001	mg/L	01/02/15	EK	SW6010
Manganese, (Dissolved)	0.951	0.005	0.001	mg/L	01/02/15	EK	SW6010
Sodium (Dissolved)	106	1.1	1.1	mg/L	01/02/15	EK	SW6010
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	01/02/15	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	01/02/15	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	01/02/15	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	12/31/14	RS	7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/30/14	RS	7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	01/02/15	EK	SW6010
Zinc, (Dissolved)	0.001	B* 0.011	0.001	mg/L	01/02/15	EK	SW6010
Mercury MS/MSD	Completed				12/30/14	I/I	SW-7471
QC for Mercury	Completed				01/02/15		
QC for ICP	Completed				12/29/14		SW6010
Filtration	Completed				12/29/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/30/14	I/I	SW7470

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
MS/MSD Ext. For PCB	Completed				12/29/14		
MS/MSD Ext. for Pesticide	Completed				12/29/14		
PCB Extraction (2 Liter)	Completed				12/29/14	L	SW3510
Extraction for Pest (2 Liter)	Completed				12/29/14	L	SW3510
Semi-Volatile Extraction	Completed				12/29/14	E/D/D	SW3520
MS/MSD Ext. for Semi-Vol.	Completed				12/31/14		
Dissolved Metals Preparation	Completed				12/29/14	AG	
Metals Digest MS/MSD	Completed				12/29/14		

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
4,4' -DDE	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
4,4' -DDT	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
a-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
a-chlordane	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Alachlor	ND	0.075	0.075	ug/L	12/31/14	MH	SW8081
Aldrin	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
b-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
Chlordane	ND	0.05	0.05	ug/L	12/31/14	MH	SW8081
d-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
Dieldrin	ND	0.004	0.004	ug/L	12/31/14	MH	SW8081
Endosulfan I	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endosulfan II	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endosulfan Sulfate	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin Aldehyde	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin ketone	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
g-BHC (Lindane)	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
g-chlordane	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Heptachlor	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Heptachlor epoxide	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	12/31/14	MH	SW8081
Toxaphene	ND	0.25	0.25	ug/L	12/31/14	MH	SW8081

QA/QC Surrogates

%DCBP (Surrogate Rec)	43			%	12/31/14	MH	SW8081
%TCMX (Surrogate Rec)	51			%	12/31/14	MH	SW8081

Polychlorinated Biphenyls

PCB-1016	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082

QA/QC Surrogates

% DCBP	40			%	12/30/14	AW	30 - 150 %
% TCMX	53			%	12/30/14	AW	30 - 150 %

Client ID: MW 6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
QC for PCB					12/30/14	AW	
QC for Pesticides	Completed				12/31/14		
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	12/30/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	12/30/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	12/30/14	MH	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	12/30/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	12/30/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
1,2-Dichloroethane	ND	0.60	0.20	ug/L	12/30/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	12/30/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
Acetone	1.6	JS	5.0	0.31	ug/L	MH	SW8260
Acrolein	ND		5.0	0.95	ug/L	MH	SW8260
Acrylonitrile	ND		5.0	0.17	ug/L	MH	SW8260
Benzene	ND		0.70	0.19	ug/L	MH	SW8260
Bromobenzene	ND		1.0	0.20	ug/L	MH	SW8260
Bromochloromethane	ND		1.0	0.22	ug/L	MH	SW8260
Bromodichloromethane	ND		1.0	0.16	ug/L	MH	SW8260
Bromoform	ND		5.0	0.10	ug/L	MH	SW8260
Bromomethane	ND		5.0	0.50	ug/L	MH	SW8260
Carbon Disulfide	ND		1.0	0.24	ug/L	MH	SW8260
Carbon tetrachloride	ND		1.0	0.23	ug/L	MH	SW8260
Chlorobenzene	ND		5.0	0.20	ug/L	MH	SW8260
Chloroethane	ND		5.0	0.24	ug/L	MH	SW8260
Chloroform	0.39	J	5.0	0.22	ug/L	MH	SW8260
Chloromethane	ND		5.0	0.21	ug/L	MH	SW8260
cis-1,2-Dichloroethene	0.81	J	1.0	0.23	ug/L	MH	SW8260
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	MH	SW8260
Dibromochloromethane	ND		1.0	0.15	ug/L	MH	SW8260
Dibromomethane	ND		1.0	0.23	ug/L	MH	SW8260

Client ID: MW 6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	12/30/14	MH	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
Hexachlorobutadiene	ND	0.5	0.13	ug/L	12/30/14	MH	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	12/30/14	MH	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	12/30/14	MH	SW8260
Methyl t-butyl ether (MTBE)	12	1.0	0.19	ug/L	12/30/14	MH	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	12/30/14	MH	SW8260
Naphthalene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
n-Butylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
o-Xylene	ND	1.0	0.45	ug/L	12/30/14	MH	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
Styrene	ND	1.0	0.41	ug/L	12/30/14	MH	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Tetrachloroethene	81	5.0	1.2	ug/L	12/31/14	MH	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	12/30/14	MH	SW8260
Toluene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	12/30/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	12/30/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	12/30/14	MH	SW8260
Trichloroethene	11	1.0	0.18	ug/L	12/30/14	MH	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	12/30/14	MH	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102			%	12/30/14	MH	70 - 121 %
% Bromofluorobenzene	97			%	12/30/14	MH	59 - 113 %
% Dibromofluoromethane	96			%	12/30/14	MH	70 - 130 %
% Toluene-d8	96			%	12/30/14	MH	84 - 138 %
<u>Semivolatiles</u>							
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	12/31/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	12/31/14	DD	SW 8270
2-Chlorophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2-Nitroaniline	ND	5.0	5.0	ug/L	12/31/14	DD	SW 8270

Client ID: MW 6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
2-Nitrophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	12/31/14	DD	SW 8270
3-Nitroaniline	ND	5.0	5.0	ug/L	12/31/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
4-Chloroaniline	ND	3.5	2.3	ug/L	12/31/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	12/31/14	DD	SW 8270
4-Nitroaniline	ND	5.0	1.7	ug/L	12/31/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
Aniline	ND	3.5	5.0	ug/L	12/31/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
Benzidine	ND	4.5	2.9	ug/L	12/31/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	12/31/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	12/31/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	12/31/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	12/31/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	12/31/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	12/31/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	12/31/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	12/31/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	12/31/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	12/31/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	12/31/14	DD	SW 8270
Phenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	12/31/14	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	12/31/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	90			%	12/31/14	DD	19 - 122 %
% 2-Fluorobiphenyl	80			%	12/31/14	DD	30 - 115 %
% 2-Fluorophenol	50			%	12/31/14	DD	25 - 121 %
% Nitrobenzene-d5	82			%	12/31/14	DD	23 - 120 %
% Phenol-d5	56			%	12/31/14	DD	24 - 113 %
% Terphenyl-d14	97			%	12/31/14	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	12/31/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Benzo(a)pyrene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	12/31/14	DD	SW8270 (SIM)
Chrysene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	12/31/14	DD	SW8270 (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	12/31/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	12/31/14	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
QA/QC Surrogates							
% 2,4,6-Tribromophenol	128			%	12/31/14	DD	15 - 110 %
% 2-Fluorobiphenyl	96			%	12/31/14	DD	30 - 115 %
% 2-Fluorophenol	83			%	12/31/14	DD	15 - 110 %
% Nitrobenzene-d5	100			%	12/31/14	DD	23 - 120 %
% Phenol-d5	91			%	12/31/14	DD	15 - 110 %
% Terphenyl-d14	120			%	12/31/14	DD	18 - 137 %
QC for Semi-Volatile	Completed				01/02/15		

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
 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

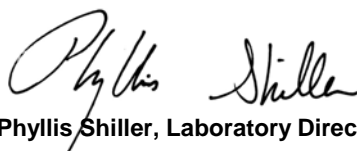
Comments:

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.

Pesticide Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

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

January 07, 2015

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

Analysis Report
 January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: CU
 Received by: SW
 Analyzed by: see "By" below

Date

12/26/14
 12/29/14

Time

12:00
 17:00

Laboratory Data

SDG ID: GBH57969
 Phoenix ID: BH57975

Project ID: 39-40 30TH STREET QUEENS
 Client ID: MW 7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.003	mg/L	01/02/15	EK	SW6010
Aluminum (Dissolved)	0.077	* 0.011	0.0026	mg/L	01/02/15	EK	SW6010
Arsenic, (Dissolved)	< 0.003	0.003	0.001	mg/L	01/02/15	EK	SW6010
Barium (Dissolved)	0.095	0.011	0.001	mg/L	01/02/15	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	01/02/15	EK	SW6010
Calcium (Dissolved)	189	0.11	0.032	mg/L	01/02/15	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	01/02/15	EK	SW6010
Cobalt, (Dissolved)	0.002	B 0.005	0.001	mg/L	01/02/15	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	01/02/15	EK	SW6010
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	01/02/15	EK	SW6010
Iron, (Dissolved)	0.04	0.01	0.01	mg/L	01/02/15	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/30/14	RS	SW7470
Potassium (Dissolved)	6.1	0.1	0.1	mg/L	01/02/15	EK	SW6010
Magnesium (Dissolved)	68.7	0.01	0.001	mg/L	01/02/15	EK	SW6010
Manganese, (Dissolved)	2.28	0.053	0.011	mg/L	01/02/15	EK	SW6010
Sodium (Dissolved)	130	1.1	1.1	mg/L	01/02/15	EK	SW6010
Nickel, (Dissolved)	0.003	B 0.004	0.001	mg/L	01/02/15	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	01/02/15	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	01/02/15	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	12/31/14	RS	7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/30/14	RS	7010
Vanadium, (Dissolved)	0.002	B 0.011	0.001	mg/L	01/02/15	EK	SW6010
Zinc, (Dissolved)	0.001	B* 0.011	0.001	mg/L	01/02/15	EK	SW6010
Filtration	Completed				12/29/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/30/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/29/14	L	SW3510
Extraction for Pest (2 Liter)	Completed				12/29/14	L	SW3510
Semi-Volatile Extraction	Completed				01/02/15	E/K/D	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/29/14	AG	
<u>Pesticides</u>							
4,4' -DDD	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
4,4' -DDE	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
4,4' -DDT	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
a-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
a-chlordane	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Alachlor	ND	0.075	0.075	ug/L	12/31/14	MH	SW8081
Aldrin	ND	0.002	0.002	ug/L	12/31/14	MH	SW8081
b-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
Chlordane	ND	0.05	0.05	ug/L	12/31/14	MH	SW8081
d-BHC	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
Dieldrin	ND	0.002	0.002	ug/L	12/31/14	MH	SW8081
Endosulfan I	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endosulfan II	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endosulfan Sulfate	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin Aldehyde	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Endrin ketone	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
g-BHC (Lindane)	ND	0.005	0.005	ug/L	12/31/14	MH	SW8081
g-chlordane	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Heptachlor	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Heptachlor epoxide	ND	0.010	0.010	ug/L	12/31/14	MH	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	12/31/14	MH	SW8081
Toxaphene	ND	0.25	0.25	ug/L	12/31/14	MH	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	45			%	12/31/14	MH	SW8081
%TCMX (Surrogate Rec)	50			%	12/31/14	MH	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	45			%	12/30/14	AW	30 - 150 %
% TCMX	51			%	12/30/14	AW	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	12/30/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	12/30/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	12/30/14	MH	SW8260

Client ID: MW 7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	1.0	0.24	ug/L	12/30/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	12/30/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
1,2-Dichloroethane	ND	0.60	0.20	ug/L	12/30/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	12/30/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
Acetone	2.0	JS 5.0	0.31	ug/L	12/30/14	MH	SW8260
Acrolein	ND	5.0	0.95	ug/L	12/30/14	MH	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	12/30/14	MH	SW8260
Benzene	ND	0.70	0.19	ug/L	12/30/14	MH	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
Bromoform	ND	5.0	0.10	ug/L	12/30/14	MH	SW8260
Bromomethane	ND	5.0	0.50	ug/L	12/30/14	MH	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	12/30/14	MH	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	12/30/14	MH	SW8260
Chloroethane	ND	5.0	0.24	ug/L	12/30/14	MH	SW8260
Chloroform	ND	5.0	0.22	ug/L	12/30/14	MH	SW8260
Chloromethane	0.53	J 5.0	0.21	ug/L	12/30/14	MH	SW8260
cis-1,2-Dichloroethene	2.4	1.0	0.23	ug/L	12/30/14	MH	SW8260
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	12/30/14	MH	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	12/30/14	MH	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	12/30/14	MH	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
Hexachlorobutadiene	ND	0.5	0.13	ug/L	12/30/14	MH	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	12/30/14	MH	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	12/30/14	MH	SW8260
Methyl t-butyl ether (MTBE)	53	5.0	0.95	ug/L	12/31/14	MH	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	12/30/14	MH	SW8260
Naphthalene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260

Client ID: MW 7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
o-Xylene	ND	1.0	0.45	ug/L	12/30/14	MH	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
Styrene	ND	1.0	0.41	ug/L	12/30/14	MH	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Tetrachloroethene	57	5.0	1.2	ug/L	12/31/14	MH	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	12/30/14	MH	SW8260
Toluene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	12/30/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	12/30/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	12/30/14	MH	SW8260
Trichloroethene	3.5	1.0	0.18	ug/L	12/30/14	MH	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	12/30/14	MH	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	12/30/14	MH	70 - 121 %
% Bromofluorobenzene	96			%	12/30/14	MH	59 - 113 %
% Dibromofluoromethane	96			%	12/30/14	MH	70 - 130 %
% Toluene-d8	98			%	12/30/14	MH	84 - 138 %
<u>Semivolatiles</u>							
1,2,4-Trichlorobenzene	ND	5.1	1.5	ug/L	01/05/15	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.1	1.7	ug/L	01/05/15	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
2,4-Dinitrotoluene	ND	5	2.0	ug/L	01/05/15	DD	SW 8270
2,6-Dinitrotoluene	ND	5	1.6	ug/L	01/05/15	DD	SW 8270
2-Chloronaphthalene	ND	5.1	1.5	ug/L	01/05/15	DD	SW 8270
2-Chlorophenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
2-Methylnaphthalene	ND	5.1	1.5	ug/L	01/05/15	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
2-Nitroaniline	ND	5	5	ug/L	01/05/15	DD	SW 8270
2-Nitrophenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5	2.4	ug/L	01/05/15	DD	SW 8270
3-Nitroaniline	ND	5	5	ug/L	01/05/15	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.1	1.5	ug/L	01/05/15	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
4-Chloroaniline	ND	3.6	2.4	ug/L	01/05/15	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.1	1.7	ug/L	01/05/15	DD	SW 8270

Client ID: MW 7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.	1.7	ug/L	01/05/15	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
Acenaphthene	ND	5.1	1.6	ug/L	01/05/15	DD	SW 8270
Acetophenone	ND	5.1	1.6	ug/L	01/05/15	DD	SW 8270
Aniline	ND	3.6	5.1	ug/L	01/05/15	DD	SW 8270
Anthracene	ND	5.1	1.7	ug/L	01/05/15	DD	SW 8270
Benzidine	ND	4.6	3.0	ug/L	01/05/15	DD	SW 8270
Benzoic acid	ND	26	10	ug/L	01/05/15	DD	SW 8270
Benzyl butyl phthalate	ND	5.1	1.3	ug/L	01/05/15	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5	1.4	ug/L	01/05/15	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.1	1.4	ug/L	01/05/15	DD	SW 8270
Carbazole	ND	26	3.9	ug/L	01/05/15	DD	SW 8270
Dibenzofuran	ND	5	1.5	ug/L	01/05/15	DD	SW 8270
Diethyl phthalate	ND	5.1	1.6	ug/L	01/05/15	DD	SW 8270
Dimethylphthalate	ND	5.1	1.6	ug/L	01/05/15	DD	SW 8270
Di-n-butylphthalate	ND	5.1	1.4	ug/L	01/05/15	DD	SW 8270
Di-n-octylphthalate	ND	5.1	1.3	ug/L	01/05/15	DD	SW 8270
Fluoranthene	ND	5.1	1.7	ug/L	01/05/15	DD	SW 8270
Fluorene	ND	5.1	1.7	ug/L	01/05/15	DD	SW 8270
Hexachlorocyclopentadiene	ND	5	1.6	ug/L	01/05/15	DD	SW 8270
Isophorone	ND	5.1	1.4	ug/L	01/05/15	DD	SW 8270
Naphthalene	ND	5	1.5	ug/L	01/05/15	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.1	1.7	ug/L	01/05/15	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.1	2.0	ug/L	01/05/15	DD	SW 8270
Phenol	ND	1.0	1.0	ug/L	01/05/15	DD	SW 8270
Pyrene	ND	5.1	1.8	ug/L	01/05/15	DD	SW 8270
Pyridine	ND	10	1.3	ug/L	01/05/15	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	90			%	01/05/15	DD	19 - 122 %
% 2-Fluorobiphenyl	77			%	01/05/15	DD	30 - 115 %
% 2-Fluorophenol	43			%	01/05/15	DD	25 - 121 %
% Nitrobenzene-d5	71			%	01/05/15	DD	23 - 120 %
% Phenol-d5	52			%	01/05/15	DD	24 - 113 %
% Terphenyl-d14	93			%	01/05/15	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	0.51	0.51	ug/L	01/05/15	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	01/05/15	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	4.6	1.0	1.0	ug/L	01/05/15	DD	SW8270 (SIM)
Chrysene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.41	0.41	ug/L	01/05/15	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	0.51	0.51	ug/L	01/05/15	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	01/05/15	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	01/05/15	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	01/05/15	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.82	0.82	ug/L	01/05/15	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	01/05/15	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	94			%	01/05/15	DD	15 - 110 %
% 2-Fluorobiphenyl	69			%	01/05/15	DD	30 - 115 %
% 2-Fluorophenol	53			%	01/05/15	DD	15 - 110 %
% Nitrobenzene-d5	66			%	01/05/15	DD	23 - 120 %
% Phenol-d5	62			%	01/05/15	DD	15 - 110 %
% Terphenyl-d14	92			%	01/05/15	DD	18 - 137 %

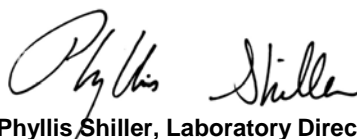
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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.

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

January 07, 2015

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



Analysis Report

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: CU
 Received by: SW
 Analyzed by: see "By" below

Date

12/26/14
 12/29/14

Time

14:00
 17:00

Laboratory Data

SDG ID: GBH57969
 Phoenix ID: BH57976

Project ID: 39-40 30TH STREET QUEENS
 Client ID: GW DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.003	mg/L	01/02/15	EK	SW6010
Aluminum (Dissolved)	0.077	* 0.011	0.0026	mg/L	01/02/15	EK	SW6010
Arsenic, (Dissolved)	< 0.003	0.003	0.001	mg/L	01/02/15	EK	SW6010
Barium (Dissolved)	0.119	0.011	0.001	mg/L	01/02/15	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	01/02/15	EK	SW6010
Calcium (Dissolved)	175	0.11	0.032	mg/L	01/02/15	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	01/02/15	EK	SW6010
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	01/02/15	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	01/02/15	EK	SW6010
Copper, (Dissolved)	< 0.005	0.005	0.001	mg/L	01/02/15	EK	SW6010
Iron, (Dissolved)	0.02	0.01	0.01	mg/L	01/02/15	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/30/14	RS	SW7470
Potassium (Dissolved)	6.9	0.1	0.1	mg/L	01/02/15	EK	SW6010
Magnesium (Dissolved)	57.7	0.01	0.001	mg/L	01/02/15	EK	SW6010
Manganese, (Dissolved)	0.937	0.005	0.001	mg/L	01/02/15	EK	SW6010
Sodium (Dissolved)	103	1.1	1.1	mg/L	01/02/15	EK	SW6010
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	01/02/15	EK	SW6010
Lead (Dissolved)	0.002	0.002	0.001	mg/L	01/02/15	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	01/02/15	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	12/31/14	RS	7010
Thallium, (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/30/14	RS	7010
Vanadium, (Dissolved)	0.001	B 0.011	0.001	mg/L	01/02/15	EK	SW6010
Zinc, (Dissolved)	0.001	B* 0.011	0.001	mg/L	01/02/15	EK	SW6010
Filtration	Completed				12/29/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/30/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/29/14	L	SW3510
Extraction for Pest (2 Liter)	Completed				12/29/14	L	SW3510
Semi-Volatile Extraction	Completed				12/29/14	E/D/D	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/29/14	AG	
<u>Pesticides</u>							
4,4' -DDD	ND	0.010	0.010	ug/L	12/31/14	M/P	SW8081
4,4' -DDE	ND	0.010	0.010	ug/L	12/31/14	M/P	SW8081
4,4' -DDT	ND	0.010	0.010	ug/L	12/31/14	M/P	SW8081
a-BHC	ND	0.005	0.005	ug/L	12/31/14	M/P	SW8081
a-chlordane	ND	0.010	0.010	ug/L	12/31/14	M/P	SW8081
Alachlor	ND	0.075	0.075	ug/L	12/31/14	M/P	SW8081
Aldrin	ND	0.005	0.005	ug/L	12/31/14	M/P	SW8081
b-BHC	ND	0.005	0.005	ug/L	12/31/14	M/P	SW8081
Chlordane	ND	0.05	0.05	ug/L	12/31/14	M/P	SW8081
d-BHC	ND	0.005	0.005	ug/L	12/31/14	M/P	SW8081
Dieldrin	ND	0.004	0.004	ug/L	12/31/14	M/P	SW8081
Endosulfan I	ND	0.010	0.010	ug/L	12/31/14	M/P	SW8081
Endosulfan II	ND	0.010	0.010	ug/L	12/31/14	M/P	SW8081
Endosulfan Sulfate	ND	0.010	0.010	ug/L	12/31/14	M/P	SW8081
Endrin	ND	0.010	0.010	ug/L	12/31/14	M/P	SW8081
Endrin Aldehyde	ND	0.010	0.010	ug/L	12/31/14	M/P	SW8081
Endrin ketone	ND	0.010	0.010	ug/L	12/31/14	M/P	SW8081
g-BHC (Lindane)	ND	0.005	0.005	ug/L	12/31/14	M/P	SW8081
g-chlordane	ND	0.010	0.010	ug/L	12/31/14	M/P	SW8081
Heptachlor	ND	0.010	0.010	ug/L	12/31/14	M/P	SW8081
Heptachlor epoxide	ND	0.010	0.010	ug/L	12/31/14	M/P	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	12/31/14	M/P	SW8081
Toxaphene	ND	0.25	0.25	ug/L	12/31/14	M/P	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	58			%	12/31/14	M/P	SW8081
%TCMX (Surrogate Rec)	46			%	12/31/14	M/P	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/30/14	AW	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	55			%	12/30/14	AW	30 - 150 %
% TCMX	47			%	12/30/14	AW	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	12/30/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	12/30/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	12/30/14	MH	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	1.0	0.24	ug/L	12/30/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	12/30/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
1,2-Dichloroethane	ND	0.60	0.20	ug/L	12/30/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	12/30/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	12/30/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
Acetone	2.1	JS 5.0	0.31	ug/L	12/30/14	MH	SW8260
Acrolein	ND	5.0	0.95	ug/L	12/30/14	MH	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	12/30/14	MH	SW8260
Benzene	ND	0.70	0.19	ug/L	12/30/14	MH	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	12/30/14	MH	SW8260
Bromoform	ND	5.0	0.10	ug/L	12/30/14	MH	SW8260
Bromomethane	ND	5.0	0.50	ug/L	12/30/14	MH	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	12/30/14	MH	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	12/30/14	MH	SW8260
Chloroethane	ND	5.0	0.24	ug/L	12/30/14	MH	SW8260
Chloroform	0.37	J 5.0	0.22	ug/L	12/30/14	MH	SW8260
Chloromethane	0.35	J 5.0	0.21	ug/L	12/30/14	MH	SW8260
cis-1,2-Dichloroethene	0.76	J 1.0	0.23	ug/L	12/30/14	MH	SW8260
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	12/30/14	MH	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	12/30/14	MH	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	12/30/14	MH	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260
Hexachlorobutadiene	ND	0.5	0.13	ug/L	12/30/14	MH	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	12/30/14	MH	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	12/30/14	MH	SW8260
Methyl t-butyl ether (MTBE)	12	1.0	0.19	ug/L	12/30/14	MH	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	12/30/14	MH	SW8260
Naphthalene	ND	1.0	0.19	ug/L	12/30/14	MH	SW8260

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
o-Xylene	ND	1.0	0.45	ug/L	12/30/14	MH	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	12/30/14	MH	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	12/30/14	MH	SW8260
Styrene	ND	1.0	0.41	ug/L	12/30/14	MH	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Tetrachloroethene	69	5.0	1.2	ug/L	12/31/14	MH	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	12/30/14	MH	SW8260
Toluene	ND	1.0	0.20	ug/L	12/30/14	MH	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	12/30/14	MH	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	12/30/14	MH	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	12/30/14	MH	SW8260
Trichloroethene	10	1.0	0.18	ug/L	12/30/14	MH	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	12/30/14	MH	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	12/30/14	MH	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101			%	12/30/14	MH	70 - 121 %
% Bromofluorobenzene	95			%	12/30/14	MH	59 - 113 %
% Dibromofluoromethane	95			%	12/30/14	MH	70 - 130 %
% Toluene-d8	97			%	12/30/14	MH	84 - 138 %
<u>Semivolatiles</u>							
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	12/31/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	12/31/14	DD	SW 8270
2-Chlorophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
2-Nitroaniline	ND	5.0	5.0	ug/L	12/31/14	DD	SW 8270
2-Nitrophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	12/31/14	DD	SW 8270
3-Nitroaniline	ND	5.0	5.0	ug/L	12/31/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
4-Chloroaniline	ND	3.5	2.3	ug/L	12/31/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	12/31/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.0	1.7	ug/L	12/31/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
Aniline	ND	3.5	5.0	ug/L	12/31/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
Benzidine	ND	4.5	2.9	ug/L	12/31/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	12/31/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	12/31/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	12/31/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	12/31/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	12/31/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	12/31/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	12/31/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	12/31/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	12/31/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	12/31/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	12/31/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	12/31/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	12/31/14	DD	SW 8270
Phenol	ND	1.0	1.0	ug/L	12/31/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	12/31/14	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	12/31/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	88			%	12/31/14	DD	19 - 122 %
% 2-Fluorobiphenyl	80			%	12/31/14	DD	30 - 115 %
% 2-Fluorophenol	45			%	12/31/14	DD	25 - 121 %
% Nitrobenzene-d5	80			%	12/31/14	DD	23 - 120 %
% Phenol-d5	48			%	12/31/14	DD	24 - 113 %
% Terphenyl-d14	104			%	12/31/14	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	12/31/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	12/31/14	DD	SW8270 (SIM)
Chrysene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	12/31/14	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	0.50	0.50	ug/L	12/31/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	12/31/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	12/31/14	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	12/31/14	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	132			%	12/31/14	DD	15 - 110 % ³
% 2-Fluorobiphenyl	96			%	12/31/14	DD	30 - 115 %
% 2-Fluorophenol	75			%	12/31/14	DD	15 - 110 %
% Nitrobenzene-d5	100			%	12/31/14	DD	23 - 120 %
% Phenol-d5	80			%	12/31/14	DD	15 - 110 %
% Terphenyl-d14	121			%	12/31/14	DD	18 - 137 %

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
 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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.

Pesticide Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

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

January 07, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director

Sample Criteria Exceedences Report

GBH57969 - EBC

Criteria: NY: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BH57969	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	29	1.0	5	5		ug/L
BH57969	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	29	1.0	5	5		ug/L
BH57969	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006		ug/L
BH57969	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	160	10	5	5		ug/L
BH57969	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	160	10	5	5		ug/L
BH57969	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04		ug/L
BH57969	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04		ug/L
BH57969	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57969	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57969	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57969	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57969	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57969	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57969	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57969	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57969	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57969	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57969	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57969	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06		ug/L
BH57969	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	190	1.1	20	20		mg/L
BH57970	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006		ug/L
BH57970	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	65	5.0	5	5		ug/L
BH57970	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	65	5.0	5	5		ug/L
BH57970	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04		ug/L
BH57970	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04		ug/L
BH57970	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57970	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57970	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57970	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57970	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57970	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57970	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57970	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57970	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57970	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57970	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06		ug/L
BH57970	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	150	1.1	20	20		mg/L
BH57971	\$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	5.1	1.0	5	5		ug/L
BH57971	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	280	20	5	5		ug/L

Sample Criteria Exceedences Report

GBH57969 - EBC

Criteria: NY: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BH57971	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	280	20	5	5		ug/L
BH57971	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006		ug/L
BH57971	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	210	20	5	5		ug/L
BH57971	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	210	20	5	5		ug/L
BH57971	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04		ug/L
BH57971	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04		ug/L
BH57971	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57971	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57971	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57971	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57971	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57971	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57971	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57971	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57971	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57971	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57971	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57971	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	0.008	0.002	0.004	0.004		ug/L
BH57971	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06		ug/L
BH57971	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	46.3	0.01	35	35		mg/L
BH57971	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.64	0.005	0.3	0.3		mg/L
BH57971	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	123	1.1	20	20		mg/L
BH57972	\$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	10	1.0	5	5		ug/L
BH57972	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	150	10	5	5		ug/L
BH57972	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	150	10	5	5		ug/L
BH57972	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006		ug/L
BH57972	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	670	40	5	5		ug/L
BH57972	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	670	40	5	5		ug/L
BH57972	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04		ug/L
BH57972	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04		ug/L
BH57972	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57972	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57972	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57972	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57972	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57972	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002		ug/L
BH57972	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57972	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57972	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57972	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L
BH57972	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002		ug/L

Sample Criteria Exceedences Report

GBH57969 - EBC

Criteria: NY: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BH57972	\$DPPEST_GA	Dieldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	0.020	0.002	0.01	0.01	0.01	ug/L
BH57972	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	0.020	0.002	0.004	0.004	0.004	ug/L
BH57972	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	0.06	ug/L
BH57972	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	42.5	0.01	35	35	35	mg/L
BH57972	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.60	0.005	0.3	0.3	0.3	mg/L
BH57972	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	109	1.1	20	20	20	mg/L
BH57973	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	0.0006	ug/L
BH57973	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	30	1.0	5	5	5	ug/L
BH57973	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	30	1.0	5	5	5	ug/L
BH57973	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	0.04	ug/L
BH57973	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	0.04	ug/L
BH57973	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57973	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57973	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57973	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57973	\$DP8270-SIMR	Benzo(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57973	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57973	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH57973	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH57973	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH57973	\$DP8270-SIMR	Benzo(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH57973	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH57973	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	0.06	ug/L
BH57973	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	54.3	0.01	35	35	35	mg/L
BH57973	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.11	0.053	0.3	0.3	0.3	mg/L
BH57973	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	122	1.1	20	20	20	mg/L
BH57974	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	11	1.0	5	5	5	ug/L
BH57974	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	11	1.0	5	5	5	ug/L
BH57974	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	0.0006	ug/L
BH57974	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	81	5.0	5	5	5	ug/L
BH57974	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	81	5.0	5	5	5	ug/L
BH57974	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	0.04	ug/L
BH57974	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	0.04	ug/L
BH57974	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57974	\$DP8270-SIMR	Benzo(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57974	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57974	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57974	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57974	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57974	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L

Sample Criteria Exceedences Report

GBH57969 - EBC

Criteria: NY: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BH57974	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH57974	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH57974	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH57974	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH57974	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	0.06	ug/L
BH57974	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.108	0.011	0.1	0.1	0.1	mg/L
BH57974	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	58.0	0.01	35	35	35	mg/L
BH57974	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.951	0.005	0.3	0.3	0.3	mg/L
BH57974	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	106	1.1	20	20	20	mg/L
BH57975	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	0.0006	ug/L
BH57975	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	57	5.0	5	5	5	ug/L
BH57975	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	57	5.0	5	5	5	ug/L
BH57975	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	0.04	ug/L
BH57975	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	0.04	ug/L
BH57975	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57975	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57975	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57975	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57975	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57975	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57975	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH57975	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH57975	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH57975	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH57975	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	0.002	ug/L
BH57975	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	0.06	ug/L
BH57975	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	68.7	0.01	35	35	35	mg/L
BH57975	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.28	0.053	0.3	0.3	0.3	mg/L
BH57975	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	130	1.1	20	20	20	mg/L
BH57976	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	10	1.0	5	5	5	ug/L
BH57976	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	10	1.0	5	5	5	ug/L
BH57976	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	0.0006	ug/L
BH57976	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	69	5.0	5	5	5	ug/L
BH57976	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	69	5.0	5	5	5	ug/L
BH57976	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	0.04	ug/L
BH57976	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	0.04	ug/L
BH57976	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57976	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57976	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L
BH57976	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	0.002	ug/L

Sample Criteria Exceedences Report

GBH57969 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
BH57976	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BH57976	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BH57976	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BH57976	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BH57976	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BH57976	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BH57976	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BH57976	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BH57976	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	57.7	0.01	35	35	mg/L
BH57976	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.937	0.005	0.3	0.3	mg/L
BH57976	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	103	1.1	20	20	mg/L
BH57977	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH57977	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57977	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L

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



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



NY Temperature Narration

January 07, 2015

SDG I.D.: GBH57969

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



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

Customer: Environmental Business Consultants
 Address: 1808 Middle Country Road
 Ridge, New York 11961

Project: 39-40 30th Street, Queens, NY Project P.O.
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Cooler: Yes No
 Coolant: IPK ICE
 Temp 4 °C Pg 1 of 1

Contact Options:
 Fax: _____
 Phone: (631) 504-6000
 Email: Csaosik@abctincny.com

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification
 Sampler's Signature: *[Signature]* Date: 12-26-14
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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request	SOI VOA Vials / 40 ml VOA Vial (X) HCl	GL Soil container () oz	GL Amber 100ml (X) HCl	PL As is (X) 250ml	PL H2SO4 [250ml]	PL HNO3 250ml	PL HNO3 250ml	Sample Bottle
579469	MW1	GW	12-26-14	930	X	3							
579970	MW2			900	X	3							
579991	MW3			930	X	3							
579972	MW4			1000	X	3							
579973	MW5			1030	X	3							
579974	MW6			1100	X	3							
579975	MW7			1200	X	3							
579976	GW Duplicate			1400	X	3							
579977	Trip Blank				X	2							

Relinquished by: *[Signature]*
Accepted by: *[Signature]*
 Date: 12-29-14 Time: 13:30
 Date: 12-29-14 Time: 17:00

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

NY:
 TAGM 4046 GW
 TOGS GA GW
 NY375 Unrestricted Use Soil
 NY375 Residential
 Restricted/Residential Commercial Industrial

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

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

Comments, Special Requirements or Regulations:
 * All vocs on this doc to be picked up Tues 12/30 per Sonny @ 286 CP 12/24/14



Wednesday, January 07, 2015

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST., QUEENS
Sample ID#s: BH58852 - BH58853

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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

Analysis Report

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: SC
 Received by: LB
 Analyzed by: see "By" below

Date

12/30/14
 12/31/14

Time

13:21
 14:54

Laboratory Data

SDG ID: GBH58852
 Phoenix ID: BH58852

Project ID: 39-40 30TH ST., QUEENS
 Client ID: SG-9

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<u>Volatiles (TO15)</u>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	01/02/15	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	01/02/15	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	01/02/15	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	01/02/15	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	01/02/15	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	01/02/15	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	01/02/15	KCA	TO15
1,2,4-Trimethylbenzene	13.0	0.204	63.9	1.00	01/02/15	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	01/02/15	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	01/02/15	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	01/02/15	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	01/02/15	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	01/02/15	KCA	TO15
1,3,5-Trimethylbenzene	3.55	0.204	17.4	1.00	01/02/15	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	01/02/15	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	01/02/15	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	01/02/15	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	01/02/15	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	01/02/15	KCA	TO15 1
4-Ethyltoluene	1.59	0.204	7.81	1.00	01/02/15	KCA	TO15 1
4-Isopropyltoluene	0.730	0.182	4.00	1.00	01/02/15	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	2.67	0.244	10.9	1.00	01/02/15	KCA	TO15
Acetone	73.8	0.421	175	1.00	01/02/15	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	01/02/15	KCA	TO15
Benzene	1.28	0.313	4.09	1.00	01/02/15	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	01/02/15	KCA	TO15

Client ID: SG-9

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	0.260	0.149	1.74	1.00	01/02/15	KCA	TO15
Bromoform	ND	0.097	ND	1.00	01/02/15	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	01/02/15	KCA	TO15
Carbon Disulfide	ND	0.321	ND	1.00	01/02/15	KCA	TO15
Carbon Tetrachloride	0.090	0.040	0.566	0.25	01/02/15	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	01/02/15	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	01/02/15	KCA	TO15
Chloroform	1.51	0.205	7.37	1.00	01/02/15	KCA	TO15
Chloromethane	0.560	0.484	1.16	1.00	01/02/15	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	01/02/15	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	01/02/15	KCA	TO15
Cyclohexane	ND	0.291	ND	1.00	01/02/15	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	01/02/15	KCA	TO15
Dichlorodifluoromethane	0.490	0.202	2.42	1.00	01/02/15	KCA	TO15
Ethanol	75.8	0.531	143	1.00	01/02/15	KCA	TO15 1
Ethyl acetate	44.4	0.278	160	1.00	01/02/15	KCA	TO15 1
Ethylbenzene	1.84	0.230	7.98	1.00	01/02/15	KCA	TO15
Heptane	0.790	0.244	3.24	1.00	01/02/15	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	01/02/15	KCA	TO15
Hexane	ND	0.284	ND	1.00	01/02/15	KCA	TO15
Isopropylalcohol	14.4	0.407	35.4	1.00	01/02/15	KCA	TO15
Isopropylbenzene	0.340	0.204	1.67	1.00	01/02/15	KCA	TO15
m,p-Xylene	7.54	0.230	32.7	1.00	01/02/15	KCA	TO15
Methyl Ethyl Ketone	7.49	0.339	22.1	1.00	01/02/15	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	01/02/15	KCA	TO15
Methylene Chloride	0.540	0.288	1.87	1.00	01/02/15	KCA	TO15
n-Butylbenzene	2.35	0.182	12.9	1.00	01/02/15	KCA	TO15 1
o-Xylene	4.01	0.230	17.4	1.00	01/02/15	KCA	TO15
Propylene	3.34	0.581	5.74	1.00	01/02/15	KCA	TO15 1
sec-Butylbenzene	0.360	0.182	1.97	1.00	01/02/15	KCA	TO15 1
Styrene	0.320	0.235	1.36	1.00	01/02/15	KCA	TO15
Tetrachloroethene	9.95	0.037	67.4	0.25	01/02/15	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	01/02/15	KCA	TO15 1
Toluene	4.05	0.266	15.2	1.00	01/02/15	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	01/02/15	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	01/02/15	KCA	TO15
Trichloroethene	5.78	0.047	31.0	0.25	01/02/15	KCA	TO15
Trichlorofluoromethane	0.360	0.178	2.02	1.00	01/02/15	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	01/02/15	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	01/02/15	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	110	%	110	%	01/02/15	KCA	70 - 130 %

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

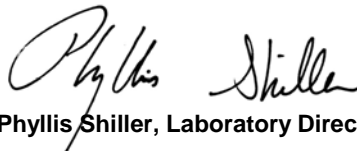
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

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

January 07, 2015

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

Analysis Report
 January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: SC
 Received by: LB
 Analyzed by: see "By" below

Date

12/30/14
 12/31/14

Time

15:14
 14:54

Laboratory Data

SDG ID: GBH58852
 Phoenix ID: BH58853

Project ID: 39-40 30TH ST., QUEENS
 Client ID: SG-8

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
<u>Volatiles (TO15)</u>								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	01/02/15	KCA	TO15	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	01/02/15	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	01/02/15	KCA	TO15	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	01/02/15	KCA	TO15	
1,1-Dichloroethane	ND	0.247	ND	1.00	01/02/15	KCA	TO15	
1,1-Dichloroethene	ND	0.252	ND	1.00	01/02/15	KCA	TO15	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	01/02/15	KCA	TO15	
1,2,4-Trimethylbenzene	4.42	0.204	21.7	1.00	01/02/15	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	01/02/15	KCA	TO15	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	01/02/15	KCA	TO15	
1,2-Dichloroethane	ND	0.247	ND	1.00	01/02/15	KCA	TO15	
1,2-dichloropropane	ND	0.216	ND	1.00	01/02/15	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	01/02/15	KCA	TO15	
1,3,5-Trimethylbenzene	1.25	0.204	6.14	1.00	01/02/15	KCA	TO15	
1,3-Butadiene	ND	0.452	ND	1.00	01/02/15	KCA	TO15	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	01/02/15	KCA	TO15	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	01/02/15	KCA	TO15	
1,4-Dioxane	ND	0.278	ND	1.00	01/02/15	KCA	TO15	
2-Hexanone(MBK)	ND	0.244	ND	1.00	01/02/15	KCA	TO15	1
4-Ethyltoluene	0.540	0.204	2.65	1.00	01/02/15	KCA	TO15	1
4-Isopropyltoluene	0.260	0.182	1.43	1.00	01/02/15	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	0.280	0.244	1.15	1.00	01/02/15	KCA	TO15	
Acetone	46.5	0.421	110	1.00	01/02/15	KCA	TO15	
Acrylonitrile	ND	0.461	ND	1.00	01/02/15	KCA	TO15	
Benzene	ND	0.313	ND	1.00	01/02/15	KCA	TO15	
Benzyl chloride	ND	0.193	ND	1.00	01/02/15	KCA	TO15	

Client ID: SG-8

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	0.250	0.149	1.67	1.00	01/02/15	KCA	TO15
Bromoform	ND	0.097	ND	1.00	01/02/15	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	01/02/15	KCA	TO15
Carbon Disulfide	ND	0.321	ND	1.00	01/02/15	KCA	TO15
Carbon Tetrachloride	0.070	0.040	0.440	0.25	01/02/15	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	01/02/15	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	01/02/15	KCA	TO15
Chloroform	0.310	0.205	1.51	1.00	01/02/15	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	01/02/15	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	01/02/15	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	01/02/15	KCA	TO15
Cyclohexane	ND	0.291	ND	1.00	01/02/15	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	01/02/15	KCA	TO15
Dichlorodifluoromethane	0.430	0.202	2.12	1.00	01/02/15	KCA	TO15
Ethanol	10.7	0.531	20.1	1.00	01/02/15	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	01/02/15	KCA	TO15 1
Ethylbenzene	0.770	0.230	3.34	1.00	01/02/15	KCA	TO15
Heptane	ND	0.244	ND	1.00	01/02/15	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	01/02/15	KCA	TO15
Hexane	ND	0.284	ND	1.00	01/02/15	KCA	TO15
Isopropylalcohol	1.85	0.407	4.54	1.00	01/02/15	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	01/02/15	KCA	TO15
m,p-Xylene	3.42	0.230	14.8	1.00	01/02/15	KCA	TO15
Methyl Ethyl Ketone	1.09	0.339	3.21	1.00	01/02/15	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	01/02/15	KCA	TO15
Methylene Chloride	0.350	0.288	1.22	1.00	01/02/15	KCA	TO15
n-Butylbenzene	0.610	0.182	3.35	1.00	01/02/15	KCA	TO15 1
o-Xylene	1.72	0.230	7.46	1.00	01/02/15	KCA	TO15
Propylene	ND	0.581	ND	1.00	01/02/15	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	01/02/15	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	01/02/15	KCA	TO15
Tetrachloroethene	10.8	0.037	73.2	0.25	01/02/15	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	01/02/15	KCA	TO15 1
Toluene	0.940	0.266	3.54	1.00	01/02/15	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	01/02/15	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	01/02/15	KCA	TO15
Trichloroethene	33.5	0.047	180	0.25	01/02/15	KCA	TO15
Trichlorofluoromethane	0.220	0.178	1.24	1.00	01/02/15	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	01/02/15	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	01/02/15	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	93	%	93	%	01/02/15	KCA	70 - 130 %

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

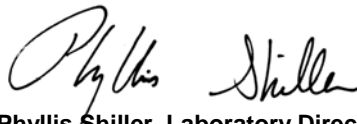
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

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

January 07, 2015

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



QA/QC Report

January 07, 2015

QA/QC Data

SDG I.D.: GBH58852

Parameter	Blank ppbv	Blank 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 296293, QC Sample No: BH58320 (BH58852, BH58853)										
Volatiles										
1,1,1,2-Tetrachloroethane	ND	ND	121	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	103	3.11	3.60	0.570	0.660	14.6	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	131	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	88	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	108	25.4	31.3	5.17	6.38	21.0	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	104	6.04	7.27	1.23	1.48	18.5	70 - 130	20
1,3-Butadiene	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	118	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	137	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	105	6.39	6.98	1.30	1.42	8.8	70 - 130	20
4-Isopropyltoluene	ND	ND	106	1.15	1.32	0.210	0.240	13.3	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	103	1.56	1.56	0.380	0.380	0.0	70 - 130	20
Acetone	ND	ND	110	23.4	25.6	9.86	10.8	9.1	70 - 130	20
Acrylonitrile	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	103	2.52	2.94	0.790	0.920	15.2	70 - 130	20
Benzyl chloride	ND	ND	129	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	134	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	93	4.51	5.13	1.45	1.65	12.9	70 - 130	20
Carbon Tetrachloride	ND	ND	109	0.566	0.629	0.090	0.100	10.5	70 - 130	20
Chlorobenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	100	12.3	14.5	2.52	2.98	16.7	70 - 130	20
Chloromethane	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	100	2.68	2.92	0.780	0.850	8.6	70 - 130	20
Dibromochloromethane	ND	ND	120	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	102	2.82	3.06	0.570	0.620	8.4	70 - 130	20
Ethanol	ND	ND	98	4.54	4.91	2.41	2.61	8.0	70 - 130	20

QA/QC Data

SDG I.D.: GBH58852

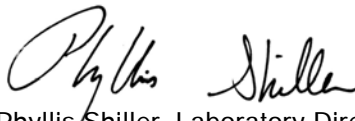
Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	ND	106	8.72	10.4	2.01	2.39	17.3	70 - 130	20
Heptane	ND	ND	99	4.75	5.49	1.16	1.34	14.4	70 - 130	20
Hexachlorobutadiene	ND	ND	72	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	100	4.16	5.04	1.18	1.43	19.2	70 - 130	20
Isopropylalcohol	ND	ND	104	4.79	5.18	1.95	2.11	7.9	70 - 130	20
Isopropylbenzene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	110	37.9	45.1	8.73	10.4	17.5	70 - 130	20
Methyl Ethyl Ketone	ND	ND	112	2.89	3.89	0.980	1.32	29.6	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	122	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	86	ND	ND	ND	ND	NC	70 - 130	20
n-Butylbenzene	ND	ND	108	2.36	2.80	0.430	0.510	17.0	70 - 130	20
o-Xylene	ND	ND	106	14.4	17.0	3.31	3.91	16.6	70 - 130	20
Propylene	ND	ND	101	1.63	1.67	0.950	0.970	2.1	70 - 130	20
sec-Butylbenzene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	108	0.949	1.08	0.140	0.160	13.3	70 - 130	20
Tetrahydrofuran	ND	ND	118	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	105	19.5	22.5	5.17	5.98	14.5	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	>140	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	100	1.96	2.24	0.350	0.400	13.3	70 - 130	20
Trichlorotrifluoroethane	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	111	111	100	105	99	105	99	5.9	70 - 130	20

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.

r = This parameter is outside laboratory rpd specified recovery limits.

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

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


 Phyllis Shiller, Laboratory Director
 January 07, 2015

Sample Criteria Exceedences Report

GBH58852 - EBC

Criteria: None

State: NY

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

*** No Data to Display ***

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



587 East Middle Turnpike P.O. Box 370, Meriden, CT 06040
 Telephone: 860.664.1102 • Fax: 860.665.0823

CHAIN OF CUSTODY RECORD
 AIR ANALYSES

800-827-5426
 email: greg@phoenixlabs.com

P.O. # _____ Page _____ of _____

Data Delivery: Fax #: _____

Email: csos.k@pbincny.com

Phone #: _____

Report to: _____
 Customer: EBC
 Address: 1808 Middle County Rd
Ridge, NY 11961-2406

Invoice to: EBC

Project Name: 39-40 30th Street, Queens
 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	MATRIX ANALYSES	
																		MATRIX	ANALYSES
58852	59-9	12872	6.0	-30	-2	5350	45	1108	1321	12-20-14	-30	-4		X				X	
58853	59-8	486	↓	↓	-1	3409	46	1102	1314	12-20-14	-30	-6		X				X	

Relinquished by: [Signature] Date: 12-21-14
 Accepted by: [Signature] Date: 12-24-14

Data Format: Excel PDF
 Equis Other:

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION: _____

Requested Criteria: _____

Quote Number: _____

Signature: _____ Date: _____

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.



Thursday, January 15, 2015

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST QUEENS
Sample ID#s: BH54052 - BH54053

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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



SDG Comments

January 15, 2015

SDG I.D.: GBH54052

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.

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



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 39-40 30TH ST QUEENS
Laboratory Project: GBH54052



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

January 15, 2015

SDG I.D.: GBH54052

Environmental Business Consultants 39-40 30TH ST QUEENS

Methodology Summary

Mercury Prep

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 7471B.

Metals

ICP :

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010C.

Mercury:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8270D.

Volatile Organics

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260C.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
B9 0-2 FT	BH54052	SOLID
B9 13-15 FT	BH54053	SOLID



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

January 15, 2015

SDG I.D.: GBH54052

Environmental Business Consultants 39-40 30TH ST QUEENS

Laboratory Chronicle

The samples in this delivery group were received at 4°C.

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BH54052	Aluminum	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Antimony	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Arsenic	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Barium	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Beryllium	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Cadmium	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Calcium	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Chromium	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Cobalt	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Copper	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Iron	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Lead	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Magnesium	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Manganese	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Mercury	12/16/14	12/17/14	12/17/14	RS	Y
BH54052	Nickel	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Pesticides - Soil	12/16/14	12/16/14	12/17/14	CE	Y
BH54052	Polychlorinated Biphenyls	12/16/14	12/16/14	12/18/14	AW	Y
BH54052	Potassium	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Selenium	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Semivolatiles	12/16/14	12/16/14	12/17/14	DD	Y
BH54052	Silver	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Sodium	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Thallium	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Vanadium	12/16/14	12/16/14	12/17/14	LK	Y
BH54052	Volatiles	12/16/14	12/18/14	12/18/14	JLI	Y
BH54052	Zinc	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Aluminum	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Antimony	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Arsenic	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Barium	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Beryllium	12/16/14	12/16/14	12/17/14	LK	Y



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NY Analytical Services Protocol Format

January 15, 2015

SDG I.D.: GBH54052

Environmental Business Consultants 39-40 30TH ST QUEENS

BH54053	Cadmium	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Calcium	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Chromium	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Cobalt	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Copper	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Iron	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Lead	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Magnesium	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Manganese	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Mercury	12/16/14	12/17/14	12/17/14	RS	Y
BH54053	Nickel	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Pesticides - Soil	12/16/14	12/16/14	12/17/14	CE	Y
BH54053	Polychlorinated Biphenyls	12/16/14	12/16/14	12/18/14	AW	Y
BH54053	Potassium	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Selenium	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Semivolatiles	12/16/14	12/16/14	12/17/14	DD	Y
BH54053	Silver	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Sodium	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Thallium	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Vanadium	12/16/14	12/16/14	12/17/14	LK	Y
BH54053	Volatiles	12/16/14	12/17/14	12/17/14	JLI	Y
BH54053	Zinc	12/16/14	12/16/14	12/17/14	LK	Y



Environmental Laboratories, Inc.
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Analysis Report
 January 15, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: RL
 Received by: SW
 Analyzed by: see "By" below

Date

12/16/14
 12/16/14

Time

11:00
 17:01

Laboratory Data

SDG ID: GBH54052
 Phoenix ID: BH54052

Project ID: 39-40 30TH ST QUEENS
 Client ID: B9 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.38	0.38	0.38	mg/Kg	12/17/14	LK	SW6010
Aluminum	6750	38	7.7	mg/Kg	12/17/14	LK	SW6010
Arsenic	2.2	0.8	0.77	mg/Kg	12/17/14	LK	SW6010
Barium	58.2	0.8	0.38	mg/Kg	12/17/14	LK	SW6010
Beryllium	0.31	B 0.31	0.15	mg/Kg	12/17/14	LK	SW6010
Calcium	19400	38	35	mg/Kg	12/17/14	LK	SW6010
Cadmium	0.24	B 0.38	0.15	mg/Kg	12/17/14	LK	SW6010
Cobalt	5.25	0.38	0.38	mg/Kg	12/17/14	LK	SW6010
Chromium	23.5	* 0.38	0.38	mg/Kg	12/17/14	LK	SW6010
Copper	27.2	0.38	0.38	mg/kg	12/17/14	LK	SW6010
Iron	11400	* 38	38	mg/Kg	12/17/14	LK	SW6010
Mercury	0.04	B 0.06	0.04	mg/Kg	12/17/14	RS	SW-7471
Potassium	1270	N 8	3.0	mg/Kg	12/17/14	LK	SW6010
Magnesium	4150	3.8	3.8	mg/Kg	12/17/14	LK	SW6010
Manganese	323	N* 3.8	3.8	mg/Kg	12/17/14	LK	SW6010
Sodium	181	N 8	3.3	mg/Kg	12/17/14	LK	SW6010
Nickel	13.5	0.38	0.38	mg/Kg	12/17/14	LK	SW6010
Lead	78.0	* 0.8	0.38	mg/Kg	12/17/14	LK	SW6010
Antimony	< 1.9	1.9	1.9	mg/Kg	12/17/14	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	12/17/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	12/17/14	LK	SW6010
Vanadium	20.6	0.4	0.38	mg/Kg	12/17/14	LK	SW6010
Zinc	106	0.8	0.38	mg/Kg	12/17/14	LK	SW6010
Percent Solid	93			%	12/16/14	i	SW846
Soil Extraction for PCB	Completed				12/16/14	CC/H	SW3545
Soil Extraction for Pesticide	Completed				12/16/14	CC	SW3545
Soil Extraction for SVOA	Completed				12/16/14	JJ/VH	SW3545
Mercury Digestion	Completed				12/17/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				12/16/14	CB/AG	SW846 - 3050
Field Extraction	Completed				12/16/14		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	60	60	ug/Kg	12/18/14	AW	SW 8082
PCB-1221	ND	60	60	ug/Kg	12/18/14	AW	SW 8082
PCB-1232	ND	60	60	ug/Kg	12/18/14	AW	SW 8082
PCB-1242	ND	60	60	ug/Kg	12/18/14	AW	SW 8082
PCB-1248	ND	60	60	ug/Kg	12/18/14	AW	SW 8082
PCB-1254	ND	60	60	ug/Kg	12/18/14	AW	SW 8082
PCB-1260	ND	60	60	ug/Kg	12/18/14	AW	SW 8082
PCB-1262	ND	60	60	ug/Kg	12/18/14	AW	SW 8082
PCB-1268	ND	60	60	ug/Kg	12/18/14	AW	SW 8082

QA/QC Surrogates

% DCBP	76			%	12/18/14	AW	30 - 150 %
% TCMX	80			%	12/18/14	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.1	2.1	ug/Kg	12/17/14	CE	SW8081
4,4' -DDE	ND	2.1	2.1	ug/Kg	12/17/14	CE	SW8081
4,4' -DDT	ND	2.1	2.1	ug/Kg	12/17/14	CE	SW8081
a-BHC	ND	7.0	7.0	ug/Kg	12/17/14	CE	SW8081
a-Chlordane	ND	3.5	3.5	ug/Kg	12/17/14	CE	SW8081
Aldrin	ND	3.5	3.5	ug/Kg	12/17/14	CE	SW8081
b-BHC	ND	7.0	7.0	ug/Kg	12/17/14	CE	SW8081
d-BHC	ND	7.0	7.0	ug/Kg	12/17/14	CE	SW8081
Dieldrin	ND	3.5	3.5	ug/Kg	12/17/14	CE	SW8081
Endosulfan I	ND	7.0	7.0	ug/Kg	12/17/14	CE	SW8081
Endosulfan II	ND	7.0	7.0	ug/Kg	12/17/14	CE	SW8081
Endosulfan sulfate	ND	7.0	7.0	ug/Kg	12/17/14	CE	SW8081
Endrin	ND	7.0	7.0	ug/Kg	12/17/14	CE	SW8081
Endrin aldehyde	ND	7.0	7.0	ug/Kg	12/17/14	CE	SW8081
Endrin ketone	ND	7.0	7.0	ug/Kg	12/17/14	CE	SW8081
g-BHC	ND	1.4	1.4	ug/Kg	12/17/14	CE	SW8081
g-Chlordane	ND	3.5	3.5	ug/Kg	12/17/14	CE	SW8081
Heptachlor	ND	7.0	7.0	ug/Kg	12/17/14	CE	SW8081
Heptachlor epoxide	ND	7.0	7.0	ug/Kg	12/17/14	CE	SW8081
Methoxychlor	ND	35	35	ug/Kg	12/17/14	CE	SW8081
Toxaphene	ND	140	140	ug/Kg	12/17/14	CE	SW8081

QA/QC Surrogates

% DCBP	82			%	12/17/14	CE	30 - 150 %
% TCMX	84			%	12/17/14	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.4	0.71	ug/Kg	12/18/14	JLI	SW8260
1,1,1-Trichloroethane	ND	4.4	0.87	ug/Kg	12/18/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	4.4	0.62	ug/Kg	12/18/14	JLI	SW8260
1,1,2-Trichloroethane	ND	4.4	0.43	ug/Kg	12/18/14	JLI	SW8260
1,1-Dichloroethane	ND	4.4	0.86	ug/Kg	12/18/14	JLI	SW8260
1,1-Dichloroethene	ND	4.4	0.95	ug/Kg	12/18/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	4.4	0.84	ug/Kg	12/18/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	4.4	0.87	ug/Kg	12/18/14	JLI	SW8260
1,2,3-Trichloropropane	ND	4.4	0.62	ug/Kg	12/18/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	4.4	0.87	ug/Kg	12/18/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	4.4	0.63	ug/Kg	12/18/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	4.4	1.2	ug/Kg	12/18/14	JLI	SW8260
1,2-Dibromoethane	ND	4.4	1.2	ug/Kg	12/18/14	JLI	SW8260
1,2-Dichlorobenzene	ND	4.4	0.48	ug/Kg	12/18/14	JLI	SW8260
1,2-Dichloroethane	ND	4.4	0.38	ug/Kg	12/18/14	JLI	SW8260
1,2-Dichloropropane	ND	4.4	0.62	ug/Kg	12/18/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	4.4	0.57	ug/Kg	12/18/14	JLI	SW8260
1,3-Dichlorobenzene	ND	4.4	0.64	ug/Kg	12/18/14	JLI	SW8260
1,3-Dichloropropane	ND	4.4	0.46	ug/Kg	12/18/14	JLI	SW8260
1,4-Dichlorobenzene	ND	4.4	0.69	ug/Kg	12/18/14	JLI	SW8260
2,2-Dichloropropane	ND	4.4	0.73	ug/Kg	12/18/14	JLI	SW8260
2-Chlorotoluene	ND	4.4	0.70	ug/Kg	12/18/14	JLI	SW8260
2-Hexanone	ND	22	2.0	ug/Kg	12/18/14	JLI	SW8260
2-Isopropyltoluene	ND	4.4	0.60	ug/Kg	12/18/14	JLI	SW8260
4-Chlorotoluene	ND	4.4	0.51	ug/Kg	12/18/14	JLI	SW8260
4-Methyl-2-pentanone	ND	22	1.0	ug/Kg	12/18/14	JLI	SW8260
Acetone	28	JBS 44	4.3	ug/Kg	12/18/14	JLI	SW8260
Acrylonitrile	ND	8.7	2.4	ug/Kg	12/18/14	JLI	SW8260
Benzene	ND	4.4	0.86	ug/Kg	12/18/14	JLI	SW8260
Bromobenzene	ND	4.4	0.57	ug/Kg	12/18/14	JLI	SW8260
Bromochloromethane	ND	4.4	0.64	ug/Kg	12/18/14	JLI	SW8260
Bromodichloromethane	ND	4.4	0.54	ug/Kg	12/18/14	JLI	SW8260
Bromoform	ND	4.4	0.61	ug/Kg	12/18/14	JLI	SW8260
Bromomethane	ND	4.4	3.4	ug/Kg	12/18/14	JLI	SW8260
Carbon Disulfide	ND	4.4	0.71	ug/Kg	12/18/14	JLI	SW8260
Carbon tetrachloride	ND	4.4	0.51	ug/Kg	12/18/14	JLI	SW8260
Chlorobenzene	ND	4.4	0.64	ug/Kg	12/18/14	JLI	SW8260
Chloroethane	ND	4.4	1.0	ug/Kg	12/18/14	JLI	SW8260
Chloroform	ND	4.4	0.79	ug/Kg	12/18/14	JLI	SW8260
Chloromethane	ND	4.4	2.3	ug/Kg	12/18/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	4.4	0.95	ug/Kg	12/18/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	4.4	0.47	ug/Kg	12/18/14	JLI	SW8260
Dibromochloromethane	ND	4.4	0.49	ug/Kg	12/18/14	JLI	SW8260
Dibromomethane	ND	4.4	0.55	ug/Kg	12/18/14	JLI	SW8260
Dichlorodifluoromethane	ND	4.4	1.2	ug/Kg	12/18/14	JLI	SW8260
Ethylbenzene	ND	4.4	0.79	ug/Kg	12/18/14	JLI	SW8260
Hexachlorobutadiene	ND	4.4	0.91	ug/Kg	12/18/14	JLI	SW8260
Isopropylbenzene	ND	4.4	0.84	ug/Kg	12/18/14	JLI	SW8260
m&p-Xylene	ND	4.4	1.7	ug/Kg	12/18/14	JLI	SW8260
Methyl Ethyl Ketone	ND	26	3.8	ug/Kg	12/18/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	8.7	1.2	ug/Kg	12/18/14	JLI	SW8260
Methylene chloride	1.7	JBS 4.4	0.71	ug/Kg	12/18/14	JLI	SW8260
Naphthalene	ND	4.4	1.2	ug/Kg	12/18/14	JLI	SW8260
n-Butylbenzene	ND	4.4	0.79	ug/Kg	12/18/14	JLI	SW8260
n-Propylbenzene	ND	4.4	0.78	ug/Kg	12/18/14	JLI	SW8260

1

B*

B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	4.4	1.7	ug/Kg	12/18/14	JLI	SW8260
p-Isopropyltoluene	ND	4.4	0.63	ug/Kg	12/18/14	JLI	SW8260
sec-Butylbenzene	ND	4.4	0.82	ug/Kg	12/18/14	JLI	SW8260
Styrene	ND	4.4	1.3	ug/Kg	12/18/14	JLI	SW8260
tert-Butylbenzene	ND	4.4	0.70	ug/Kg	12/18/14	JLI	SW8260
Tetrachloroethene	55	J 260	54	ug/Kg	12/18/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	8.7	3.9	ug/Kg	12/18/14	JLI	SW8260
Toluene	42	J 260	41	ug/Kg	12/18/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	4.4	0.87	ug/Kg	12/18/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	4.4	0.89	ug/Kg	12/18/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	8.7	8.1	ug/Kg	12/18/14	JLI	SW8260
Trichloroethene	ND	4.4	0.92	ug/Kg	12/18/14	JLI	SW8260
Trichlorofluoromethane	ND	4.4	0.97	ug/Kg	12/18/14	JLI	SW8260
Trichlorotrifluoroethane	ND	4.4	0.68	ug/Kg	12/18/14	JLI	SW8260
Vinyl chloride	ND	4.4	1.4	ug/Kg	12/18/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	12/18/14	JLI	70 - 121 %
% Bromofluorobenzene	96			%	12/18/14	JLI	59 - 113 %
% Dibromofluoromethane	59			%	12/18/14	JLI	70 - 130 %
% Toluene-d8	94			%	12/18/14	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	12/17/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	12/17/14	DD	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	12/17/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	12/17/14	DD	SW 8270
1,3-Dichlorobenzene	ND	250	110	ug/Kg	12/17/14	DD	SW 8270
1,4-Dichlorobenzene	ND	250	110	ug/Kg	12/17/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	12/17/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	12/17/14	DD	SW 8270
2,4-Dichlorophenol	ND	250	130	ug/Kg	12/17/14	DD	SW 8270
2,4-Dimethylphenol	ND	250	88	ug/Kg	12/17/14	DD	SW 8270
2,4-Dinitrophenol	ND	1800	250	ug/Kg	12/17/14	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	12/17/14	DD	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	12/17/14	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	12/17/14	DD	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	12/17/14	DD	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	12/17/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	12/17/14	DD	SW 8270
2-Nitroaniline	ND	1800	360	ug/Kg	12/17/14	DD	SW 8270
2-Nitrophenol	ND	250	230	ug/Kg	12/17/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	12/17/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	710	170	ug/Kg	12/17/14	DD	SW 8270
3-Nitroaniline	ND	1800	770	ug/Kg	12/17/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	12/17/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	12/17/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	12/17/14	DD	SW 8270
4-Chloroaniline	ND	710	170	ug/Kg	12/17/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	12/17/14	DD	SW 8270
4-Nitroaniline	ND	1800	120	ug/Kg	12/17/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	1800	160	ug/Kg	12/17/14	DD	SW 8270
Acenaphthene	ND	250	110	ug/Kg	12/17/14	DD	SW 8270
Acenaphthylene	ND	250	99	ug/Kg	12/17/14	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	12/17/14	DD	SW 8270
Aniline	ND	1800	720	ug/Kg	12/17/14	DD	SW 8270
Anthracene	ND	250	120	ug/Kg	12/17/14	DD	SW 8270
Benz(a)anthracene	310	250	120	ug/Kg	12/17/14	DD	SW 8270
Benzidine	ND	710	210	ug/Kg	12/17/14	DD	SW 8270
Benzo(a)pyrene	430	250	120	ug/Kg	12/17/14	DD	SW 8270
Benzo(b)fluoranthene	470	250	120	ug/Kg	12/17/14	DD	SW 8270
Benzo(ghi)perylene	370	250	120	ug/Kg	12/17/14	DD	SW 8270
Benzo(k)fluoranthene	150	J 250	120	ug/Kg	12/17/14	DD	SW 8270
Benzoic acid	ND	1800	710	ug/Kg	12/17/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	250	92	ug/Kg	12/17/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	98	ug/Kg	12/17/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	96	ug/Kg	12/17/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	12/17/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	12/17/14	DD	SW 8270
Carbazole	ND	1800	270	ug/Kg	12/17/14	DD	SW 8270
Chrysene	330	250	120	ug/Kg	12/17/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	12/17/14	DD	SW 8270
Dibenzofuran	ND	250	100	ug/Kg	12/17/14	DD	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	12/17/14	DD	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	12/17/14	DD	SW 8270
Di-n-butylphthalate	ND	250	95	ug/Kg	12/17/14	DD	SW 8270
Di-n-octylphthalate	ND	250	92	ug/Kg	12/17/14	DD	SW 8270
Fluoranthene	390	250	120	ug/Kg	12/17/14	DD	SW 8270
Fluorene	ND	250	120	ug/Kg	12/17/14	DD	SW 8270
Hexachlorobenzene	ND	250	100	ug/Kg	12/17/14	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	12/17/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	12/17/14	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	12/17/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	310	250	120	ug/Kg	12/17/14	DD	SW 8270
Isophorone	ND	250	99	ug/Kg	12/17/14	DD	SW 8270
Naphthalene	ND	250	100	ug/Kg	12/17/14	DD	SW 8270
Nitrobenzene	ND	250	120	ug/Kg	12/17/14	DD	SW 8270
N-Nitrosodimethylamine	ND	250	100	ug/Kg	12/17/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	12/17/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	12/17/14	DD	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	12/17/14	DD	SW 8270
Pentachlorophenol	ND	250	130	ug/Kg	12/17/14	DD	SW 8270
Phenanthrene	160	J 250	100	ug/Kg	12/17/14	DD	SW 8270
Phenol	ND	250	110	ug/Kg	12/17/14	DD	SW 8270
Pyrene	390	250	120	ug/Kg	12/17/14	DD	SW 8270
Pyridine	ND	250	87	ug/Kg	12/17/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	40			%	12/17/14	DD	19 - 122 %
% 2-Fluorobiphenyl	76			%	12/17/14	DD	30 - 115 %
% 2-Fluorophenol	53			%	12/17/14	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	71			%	12/17/14	DD	23 - 120 %
% Phenol-d5	75			%	12/17/14	DD	24 - 113 %
% Terphenyl-d14	61			%	12/17/14	DD	18 - 137 %

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.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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.

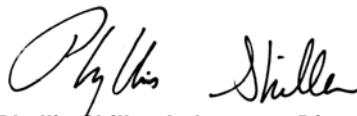
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:

**Surrogate recovery for dibromofluoromethane was outside control limits for volatiles. Sample was analyzed twice with similar results indicating matrix interference. The recovery for the other surrogates was acceptable

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

January 15, 2015

Reviewed and Released by: Tina Covensky



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



Analysis Report

January 15, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: RL
 Received by: SW
 Analyzed by: see "By" below

Date

12/16/14
 12/16/14

Time

11:15
 17:01

Laboratory Data

SDG ID: GBH54052
 Phoenix ID: BH54053

Project ID: 39-40 30TH ST QUEENS
 Client ID: B9 13-15 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.32	0.32	0.32	mg/Kg	12/17/14	LK	SW6010
Aluminum	4200	32	6.4	mg/Kg	12/17/14	LK	SW6010
Arsenic	< 0.6	0.6	0.64	mg/Kg	12/17/14	LK	SW6010
Barium	18.3	0.6	0.32	mg/Kg	12/17/14	LK	SW6010
Beryllium	0.20	B 0.26	0.13	mg/Kg	12/17/14	LK	SW6010
Calcium	639	3.2	3.0	mg/Kg	12/17/14	LK	SW6010
Cadmium	< 0.32	0.32	0.13	mg/Kg	12/17/14	LK	SW6010
Cobalt	3.55	0.32	0.32	mg/Kg	12/17/14	LK	SW6010
Chromium	11.3	* 0.32	0.32	mg/Kg	12/17/14	LK	SW6010
Copper	9.89	0.32	0.32	mg/kg	12/17/14	LK	SW6010
Iron	7700	* 3.2	3.2	mg/Kg	12/17/14	LK	SW6010
Mercury	< 0.07	0.07	0.04	mg/Kg	12/17/14	RS	SW-7471
Potassium	560	N 6	2.5	mg/Kg	12/17/14	LK	SW6010
Magnesium	1490	3.2	3.2	mg/Kg	12/17/14	LK	SW6010
Manganese	233	N* 3.2	3.2	mg/Kg	12/17/14	LK	SW6010
Sodium	67	N 6	2.8	mg/Kg	12/17/14	LK	SW6010
Nickel	9.30	0.32	0.32	mg/Kg	12/17/14	LK	SW6010
Lead	3.0	* 0.6	0.32	mg/Kg	12/17/14	LK	SW6010
Antimony	< 1.6	1.6	1.6	mg/Kg	12/17/14	LK	SW6010
Selenium	< 1.3	1.3	1.1	mg/Kg	12/17/14	LK	SW6010
Thallium	< 1.3	1.3	1.3	mg/Kg	12/17/14	LK	SW6010
Vanadium	13.0	0.3	0.32	mg/Kg	12/17/14	LK	SW6010
Zinc	18.7	0.6	0.32	mg/Kg	12/17/14	LK	SW6010
Percent Solid	95			%	12/16/14	i	SW846
Soil Extraction for PCB	Completed				12/16/14	CC/H	SW3545
Soil Extraction for Pesticide	Completed				12/16/14	CC	SW3545
Soil Extraction for SVOA	Completed				12/16/14	JJ/VH	SW3545
Mercury Digestion	Completed				12/17/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				12/16/14	CB/AG	SW846 - 3050
Field Extraction	Completed				12/16/14		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	34	34	ug/Kg	12/18/14	AW	SW 8082
PCB-1221	ND	34	34	ug/Kg	12/18/14	AW	SW 8082
PCB-1232	ND	34	34	ug/Kg	12/18/14	AW	SW 8082
PCB-1242	ND	34	34	ug/Kg	12/18/14	AW	SW 8082
PCB-1248	ND	34	34	ug/Kg	12/18/14	AW	SW 8082
PCB-1254	ND	34	34	ug/Kg	12/18/14	AW	SW 8082
PCB-1260	ND	34	34	ug/Kg	12/18/14	AW	SW 8082
PCB-1262	ND	34	34	ug/Kg	12/18/14	AW	SW 8082
PCB-1268	ND	34	34	ug/Kg	12/18/14	AW	SW 8082

QA/QC Surrogates

% DCBP	91			%	12/18/14	AW	30 - 150 %
% TCMX	95			%	12/18/14	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.1	2.1	ug/Kg	12/17/14	CE	SW8081
4,4' -DDE	ND	2.1	2.1	ug/Kg	12/17/14	CE	SW8081
4,4' -DDT	ND	2.1	2.1	ug/Kg	12/17/14	CE	SW8081
a-BHC	ND	6.9	6.9	ug/Kg	12/17/14	CE	SW8081
a-Chlordane	ND	3.4	3.4	ug/Kg	12/17/14	CE	SW8081
Aldrin	ND	3.4	3.4	ug/Kg	12/17/14	CE	SW8081
b-BHC	ND	6.9	6.9	ug/Kg	12/17/14	CE	SW8081
d-BHC	ND	6.9	6.9	ug/Kg	12/17/14	CE	SW8081
Dieldrin	ND	3.4	3.4	ug/Kg	12/17/14	CE	SW8081
Endosulfan I	ND	6.9	6.9	ug/Kg	12/17/14	CE	SW8081
Endosulfan II	ND	6.9	6.9	ug/Kg	12/17/14	CE	SW8081
Endosulfan sulfate	ND	6.9	6.9	ug/Kg	12/17/14	CE	SW8081
Endrin	ND	6.9	6.9	ug/Kg	12/17/14	CE	SW8081
Endrin aldehyde	ND	6.9	6.9	ug/Kg	12/17/14	CE	SW8081
Endrin ketone	ND	6.9	6.9	ug/Kg	12/17/14	CE	SW8081
g-BHC	ND	1.4	1.4	ug/Kg	12/17/14	CE	SW8081
g-Chlordane	ND	3.4	3.4	ug/Kg	12/17/14	CE	SW8081
Heptachlor	ND	6.9	6.9	ug/Kg	12/17/14	CE	SW8081
Heptachlor epoxide	ND	6.9	6.9	ug/Kg	12/17/14	CE	SW8081
Methoxychlor	ND	34	34	ug/Kg	12/17/14	CE	SW8081
Toxaphene	ND	140	140	ug/Kg	12/17/14	CE	SW8081

QA/QC Surrogates

% DCBP	91			%	12/17/14	CE	30 - 150 %
% TCMX	83			%	12/17/14	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.4	0.88	ug/Kg	12/17/14	JLI	SW8260
1,1,1-Trichloroethane	ND	5.4	1.1	ug/Kg	12/17/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	0.76	ug/Kg	12/17/14	JLI	SW8260
1,1,2-Trichloroethane	ND	5.4	0.53	ug/Kg	12/17/14	JLI	SW8260
1,1-Dichloroethane	ND	5.4	1.1	ug/Kg	12/17/14	JLI	SW8260
1,1-Dichloroethene	ND	5.4	1.2	ug/Kg	12/17/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	5.4	1.0	ug/Kg	12/17/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/Kg	12/17/14	JLI	SW8260
1,2,3-Trichloropropane	ND	5.4	0.76	ug/Kg	12/17/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/Kg	12/17/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	5.4	0.77	ug/Kg	12/17/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	1.4	ug/Kg	12/17/14	JLI	SW8260
1,2-Dibromoethane	ND	5.4	1.4	ug/Kg	12/17/14	JLI	SW8260
1,2-Dichlorobenzene	ND	5.4	0.59	ug/Kg	12/17/14	JLI	SW8260
1,2-Dichloroethane	ND	5.4	0.47	ug/Kg	12/17/14	JLI	SW8260
1,2-Dichloropropane	ND	5.4	0.76	ug/Kg	12/17/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	5.4	0.71	ug/Kg	12/17/14	JLI	SW8260
1,3-Dichlorobenzene	ND	5.4	0.79	ug/Kg	12/17/14	JLI	SW8260
1,3-Dichloropropane	ND	5.4	0.57	ug/Kg	12/17/14	JLI	SW8260
1,4-Dichlorobenzene	ND	5.4	0.85	ug/Kg	12/17/14	JLI	SW8260
2,2-Dichloropropane	ND	5.4	0.90	ug/Kg	12/17/14	JLI	SW8260
2-Chlorotoluene	ND	5.4	0.86	ug/Kg	12/17/14	JLI	SW8260
2-Hexanone	ND	27	2.4	ug/Kg	12/17/14	JLI	SW8260
2-Isopropyltoluene	ND	5.4	0.74	ug/Kg	12/17/14	JLI	SW8260
4-Chlorotoluene	ND	5.4	0.62	ug/Kg	12/17/14	JLI	SW8260
4-Methyl-2-pentanone	ND	27	1.3	ug/Kg	12/17/14	JLI	SW8260
Acetone	ND	50	5.3	ug/Kg	12/17/14	JLI	SW8260
Acrylonitrile	ND	11	3.0	ug/Kg	12/17/14	JLI	SW8260
Benzene	ND	5.4	1.1	ug/Kg	12/17/14	JLI	SW8260
Bromobenzene	ND	5.4	0.70	ug/Kg	12/17/14	JLI	SW8260
Bromochloromethane	ND	5.4	0.78	ug/Kg	12/17/14	JLI	SW8260
Bromodichloromethane	ND	5.4	0.67	ug/Kg	12/17/14	JLI	SW8260
Bromoform	ND	5.4	0.75	ug/Kg	12/17/14	JLI	SW8260
Bromomethane	ND	5.4	4.1	ug/Kg	12/17/14	JLI	SW8260
Carbon Disulfide	ND	5.4	0.87	ug/Kg	12/17/14	JLI	SW8260
Carbon tetrachloride	ND	5.4	0.62	ug/Kg	12/17/14	JLI	SW8260
Chlorobenzene	ND	5.4	0.79	ug/Kg	12/17/14	JLI	SW8260
Chloroethane	ND	5.4	1.3	ug/Kg	12/17/14	JLI	SW8260
Chloroform	ND	5.4	0.98	ug/Kg	12/17/14	JLI	SW8260
Chloromethane	ND	5.4	2.8	ug/Kg	12/17/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	5.4	1.2	ug/Kg	12/17/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	5.4	0.58	ug/Kg	12/17/14	JLI	SW8260
Dibromochloromethane	ND	5.4	0.60	ug/Kg	12/17/14	JLI	SW8260
Dibromomethane	ND	5.4	0.68	ug/Kg	12/17/14	JLI	SW8260
Dichlorodifluoromethane	ND	5.4	1.4	ug/Kg	12/17/14	JLI	SW8260
Ethylbenzene	ND	5.4	0.98	ug/Kg	12/17/14	JLI	SW8260
Hexachlorobutadiene	ND	5.4	1.1	ug/Kg	12/17/14	JLI	SW8260
Isopropylbenzene	ND	5.4	1.0	ug/Kg	12/17/14	JLI	SW8260
m&p-Xylene	ND	5.4	2.1	ug/Kg	12/17/14	JLI	SW8260
Methyl Ethyl Ketone	ND	32	4.7	ug/Kg	12/17/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	11	1.5	ug/Kg	12/17/14	JLI	SW8260
Methylene chloride	1.8	JBS	5.4	0.88	ug/Kg	JLI	SW8260
Naphthalene	ND	5.4	1.4	ug/Kg	12/17/14	JLI	SW8260
n-Butylbenzene	ND	5.4	0.98	ug/Kg	12/17/14	JLI	SW8260
n-Propylbenzene	ND	5.4	0.97	ug/Kg	12/17/14	JLI	SW8260

1

B

B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	5.4	2.1	ug/Kg	12/17/14	JLI	SW8260
p-Isopropyltoluene	ND	5.4	0.77	ug/Kg	12/17/14	JLI	SW8260
sec-Butylbenzene	ND	5.4	1.0	ug/Kg	12/17/14	JLI	SW8260
Styrene	ND	5.4	1.5	ug/Kg	12/17/14	JLI	SW8260
tert-Butylbenzene	ND	5.4	0.86	ug/Kg	12/17/14	JLI	SW8260
Tetrachloroethene	ND	5.4	1.1	ug/Kg	12/17/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	11	4.8	ug/Kg	12/17/14	JLI	SW8260
Toluene	ND	5.4	0.85	ug/Kg	12/17/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	5.4	1.1	ug/Kg	12/17/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	5.4	1.1	ug/Kg	12/17/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	12/17/14	JLI	SW8260
Trichloroethene	ND	5.4	1.1	ug/Kg	12/17/14	JLI	SW8260
Trichlorofluoromethane	ND	5.4	1.2	ug/Kg	12/17/14	JLI	SW8260
Trichlorotrifluoroethane	ND	5.4	0.84	ug/Kg	12/17/14	JLI	SW8260
Vinyl chloride	ND	5.4	1.7	ug/Kg	12/17/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	96			%	12/17/14	JLI	70 - 121 %
% Bromofluorobenzene	96			%	12/17/14	JLI	59 - 113 %
% Dibromofluoromethane	104			%	12/17/14	JLI	70 - 130 %
% Toluene-d8	93			%	12/17/14	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	12/17/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	12/17/14	DD	SW 8270
1,2-Dichlorobenzene	ND	240	96	ug/Kg	12/17/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
1,3-Dichlorobenzene	ND	240	100	ug/Kg	12/17/14	DD	SW 8270
1,4-Dichlorobenzene	ND	240	100	ug/Kg	12/17/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	12/17/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
2,4-Dichlorophenol	ND	240	120	ug/Kg	12/17/14	DD	SW 8270
2,4-Dimethylphenol	ND	240	84	ug/Kg	12/17/14	DD	SW 8270
2,4-Dinitrophenol	ND	1700	240	ug/Kg	12/17/14	DD	SW 8270
2,4-Dinitrotoluene	ND	240	130	ug/Kg	12/17/14	DD	SW 8270
2,6-Dinitrotoluene	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
2-Chloronaphthalene	ND	240	97	ug/Kg	12/17/14	DD	SW 8270
2-Chlorophenol	ND	240	97	ug/Kg	12/17/14	DD	SW 8270
2-Methylnaphthalene	ND	240	100	ug/Kg	12/17/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	12/17/14	DD	SW 8270
2-Nitroaniline	ND	1700	340	ug/Kg	12/17/14	DD	SW 8270
2-Nitrophenol	ND	240	220	ug/Kg	12/17/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	240	130	ug/Kg	12/17/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	680	160	ug/Kg	12/17/14	DD	SW 8270
3-Nitroaniline	ND	1700	740	ug/Kg	12/17/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1700	370	ug/Kg	12/17/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	12/17/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	12/17/14	DD	SW 8270
4-Chloroaniline	ND	680	160	ug/Kg	12/17/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
4-Nitroaniline	ND	1700	110	ug/Kg	12/17/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	1700	150	ug/Kg	12/17/14	DD	SW 8270
Acenaphthene	ND	240	100	ug/Kg	12/17/14	DD	SW 8270
Acenaphthylene	ND	240	95	ug/Kg	12/17/14	DD	SW 8270
Acetophenone	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
Aniline	ND	1700	690	ug/Kg	12/17/14	DD	SW 8270
Anthracene	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
Benz(a)anthracene	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
Benzidine	ND	680	200	ug/Kg	12/17/14	DD	SW 8270
Benzo(a)pyrene	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
Benzo(b)fluoranthene	ND	240	120	ug/Kg	12/17/14	DD	SW 8270
Benzo(ghi)perylene	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
Benzo(k)fluoranthene	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
Benzoic acid	ND	1700	680	ug/Kg	12/17/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	240	88	ug/Kg	12/17/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	240	94	ug/Kg	12/17/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	240	92	ug/Kg	12/17/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	95	ug/Kg	12/17/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	240	98	ug/Kg	12/17/14	DD	SW 8270
Carbazole	ND	1700	260	ug/Kg	12/17/14	DD	SW 8270
Chrysene	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
Dibenzofuran	ND	240	99	ug/Kg	12/17/14	DD	SW 8270
Diethyl phthalate	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
Dimethylphthalate	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
Di-n-butylphthalate	ND	240	91	ug/Kg	12/17/14	DD	SW 8270
Di-n-octylphthalate	ND	240	88	ug/Kg	12/17/14	DD	SW 8270
Fluoranthene	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
Fluorene	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
Hexachlorobenzene	ND	240	99	ug/Kg	12/17/14	DD	SW 8270
Hexachlorobutadiene	ND	240	120	ug/Kg	12/17/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	240	100	ug/Kg	12/17/14	DD	SW 8270
Hexachloroethane	ND	240	100	ug/Kg	12/17/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
Isophorone	ND	240	95	ug/Kg	12/17/14	DD	SW 8270
Naphthalene	ND	240	98	ug/Kg	12/17/14	DD	SW 8270
Nitrobenzene	ND	240	120	ug/Kg	12/17/14	DD	SW 8270
N-Nitrosodimethylamine	ND	240	96	ug/Kg	12/17/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	12/17/14	DD	SW 8270
Pentachloronitrobenzene	ND	240	130	ug/Kg	12/17/14	DD	SW 8270
Pentachlorophenol	ND	240	130	ug/Kg	12/17/14	DD	SW 8270
Phenanthrene	ND	240	97	ug/Kg	12/17/14	DD	SW 8270
Phenol	ND	240	110	ug/Kg	12/17/14	DD	SW 8270
Pyrene	ND	240	120	ug/Kg	12/17/14	DD	SW 8270
Pyridine	ND	240	84	ug/Kg	12/17/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	98			%	12/17/14	DD	19 - 122 %
% 2-Fluorobiphenyl	83			%	12/17/14	DD	30 - 115 %
% 2-Fluorophenol	78			%	12/17/14	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	80			%	12/17/14	DD	23 - 120 %
% Phenol-d5	85			%	12/17/14	DD	24 - 113 %
% Terphenyl-d14	68			%	12/17/14	DD	18 - 137 %

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, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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.

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Phyllis Shiller, Laboratory Director

January 15, 2015

Reviewed and Released by: Tina Covensky



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QA/QC Report

January 15, 2015

QA/QC Data

SDG I.D.: GBH54052

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 295081, QC Sample No: BH54033 (BH54052, BH54053)													
Mercury - Soil	BRL	0.38	0.33	NC	117	106	9.9	108	148	31.3	75 - 125	30	m,r
QA/QC Batch 295044, QC Sample No: BH54042 (BH54052, BH54053)													
<u>ICP Metals - Soil</u>													
Aluminum	BRL	7010	6860	2.20	98.6	97.4	1.2	NC	NC	NC	80 - 120	30	
Antimony	BRL	<3.4	<3.7	NC	99.8	102	2.2	84.7	87.6	3.4	70 - 130	30	
Arsenic	BRL	1.5	2.32	NC	106	108	1.9	93.6	94.4	0.9	80 - 120	30	
Barium	BRL	37.4	42.0	11.6	114	114	0.0	106	106	0.0	80 - 120	30	
Beryllium	BRL	0.42	0.84	NC	104	105	1.0	96.6	97.5	0.9	80 - 120	30	
Cadmium	BRL	<0.34	0.33	NC	117	119	1.7	94.1	95.0	1.0	80 - 120	30	
Calcium	BRL	594	675	12.8	103	105	1.9	NC	>130	NC	80 - 120	30	m
Chromium	BRL	15.9	22.8	35.7	108	109	0.9	98.5	99.9	1.4	80 - 120	30	r
Cobalt	BRL	6.45	7.26	11.8	91.9	93.2	1.4	97.1	97.7	0.6	80 - 120	30	
Copper	BRL	16.2	17.4	7.10	99.4	101	1.6	104	104	0.0	80 - 120	30	
Iron	BRL	16300	37500	78.8	96.5	91.3	5.5	NC	NC	NC	80 - 120	30	r
Lead	BRL	5.08	7.55	39.1	104	105	1.0	96.6	97.3	0.7	80 - 120	30	r
Magnesium	BRL	1990	1780	11.1	105	103	1.9	NC	NC	NC	80 - 120	30	
Manganese	BRL	335	487	37.0	112	112	0.0	>130	130	NC	80 - 120	30	m,r
Nickel	BRL	10.8	11.9	9.70	105	108	2.8	97.4	97.8	0.4	80 - 120	30	
Potassium	BRL	1280	1270	0.80	102	100	2.0	>130	>130	NC	80 - 120	30	m
Selenium	BRL	<1.4	<1.5	NC	99.2	100	0.8	85.5	86.0	0.6	80 - 120	30	
Silver	BRL	<0.34	<0.37	NC	105	105	0.0	99.0	99.7	0.7	70 - 130	30	
Sodium	BRL	317	319	0.60	111	113	1.8	>130	>130	NC	80 - 120	30	m
Thallium	BRL	<3.1	<3.4	NC	106	106	0.0	96.4	97.1	0.7	80 - 120	30	
Vanadium	BRL	23.9	31.3	26.8	117	116	0.9	98.9	99.9	1.0	80 - 120	30	
Zinc	BRL	24.5	33.1	29.9	115	115	0.0	96.3	98.0	1.7	80 - 120	30	

m = This parameter is outside laboratory ms/msd specified recovery limits.

r = This parameter is outside laboratory rpd specified recovery limits.



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QA/QC Report

January 15, 2015

QA/QC Data

SDG I.D.: GBH54052

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 295235, QC Sample No: BH54044 (BH54053)									
Volatiles - Solid									
1,1,1,2-Tetrachloroethane	ND	95	96	1.0	101	101	0.0	70 - 130	30
1,1,1-Trichloroethane	ND	82	83	1.2	90	91	1.1	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	94	92	2.2	93	92	1.1	70 - 130	30
1,1,2-Trichloroethane	ND	97	96	1.0	105	104	1.0	70 - 130	30
1,1-Dichloroethane	ND	88	88	0.0	95	96	1.0	70 - 130	30
1,1-Dichloroethene	ND	83	84	1.2	72	73	1.4	70 - 130	30
1,1-Dichloropropene	ND	94	92	2.2	102	102	0.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	101	95	6.1	107	110	2.8	70 - 130	30
1,2,3-Trichloropropane	ND	86	83	3.6	85	84	1.2	70 - 130	30
1,2,4-Trichlorobenzene	ND	101	94	7.2	108	109	0.9	70 - 130	30
1,2,4-Trimethylbenzene	ND	88	86	2.3	98	98	0.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	104	96	8.0	101	101	0.0	70 - 130	30
1,2-Dibromoethane	ND	98	98	0.0	105	103	1.9	70 - 130	30
1,2-Dichlorobenzene	ND	97	94	3.1	105	103	1.9	70 - 130	30
1,2-Dichloroethane	ND	83	83	0.0	90	90	0.0	70 - 130	30
1,2-Dichloropropane	ND	98	98	0.0	107	107	0.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	91	89	2.2	99	98	1.0	70 - 130	30
1,3-Dichlorobenzene	ND	95	93	2.1	101	102	1.0	70 - 130	30
1,3-Dichloropropane	ND	90	90	0.0	97	97	0.0	70 - 130	30
1,4-Dichlorobenzene	ND	94	92	2.2	103	103	0.0	70 - 130	30
2,2-Dichloropropane	ND	85	84	1.2	89	90	1.1	70 - 130	30
2-Chlorotoluene	ND	93	92	1.1	103	103	0.0	70 - 130	30
2-Hexanone	ND	77	74	4.0	79	80	1.3	70 - 130	30
2-Isopropyltoluene	ND	95	93	2.1	102	102	0.0	70 - 130	30
4-Chlorotoluene	ND	94	92	2.2	102	103	1.0	70 - 130	30
4-Methyl-2-pentanone	ND	88	83	5.8	88	86	2.3	70 - 130	30
Acetone	9.0 JBS	74	72	2.7	57	52	9.2	70 - 130	30 m
Acrylonitrile	ND	91	88	3.4	93	94	1.1	70 - 130	30
Benzene	ND	96	96	0.0	106	105	0.9	70 - 130	30
Bromobenzene	ND	98	98	0.0	105	107	1.9	70 - 130	30
Bromochloromethane	ND	95	95	0.0	98	99	1.0	70 - 130	30
Bromodichloromethane	ND	93	93	0.0	98	98	0.0	70 - 130	30
Bromoform	ND	100	103	3.0	101	101	0.0	70 - 130	30
Bromomethane	ND	81	84	3.6	55	59	7.0	70 - 130	30 m
Carbon Disulfide	ND	86	85	1.2	74	74	0.0	70 - 130	30
Carbon tetrachloride	ND	90	90	0.0	98	98	0.0	70 - 130	30
Chlorobenzene	ND	94	96	2.1	106	106	0.0	70 - 130	30
Chloroethane	ND	86	87	1.2	21	21	0.0	70 - 130	30 m
Chloroform	ND	82	83	1.2	89	90	1.1	70 - 130	30
Chloromethane	ND	93	94	1.1	98	98	0.0	70 - 130	30
cis-1,2-Dichloroethene	ND	96	93	3.2	104	104	0.0	70 - 130	30

QA/QC Data

SDG I.D.: GBH54052

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,3-Dichloropropene	ND	103	103	0.0	109	107	1.9	70 - 130	30
Dibromochloromethane	ND	97	99	2.0	101	99	2.0	70 - 130	30
Dibromomethane	ND	95	94	1.1	104	100	3.9	70 - 130	30
Dichlorodifluoromethane	ND	103	99	4.0	94	95	1.1	70 - 130	30
Ethylbenzene	ND	96	96	0.0	107	106	0.9	70 - 130	30
Hexachlorobutadiene	ND	103	98	5.0	112	113	0.9	70 - 130	30
Isopropylbenzene	ND	95	94	1.1	103	106	2.9	70 - 130	30
m&p-Xylene	ND	93	94	1.1	104	104	0.0	70 - 130	30
Methyl ethyl ketone	ND	78	77	1.3	77	83	7.5	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	85	83	2.4	87	85	2.3	70 - 130	30
Methylene chloride	1.0 JBS	77	78	1.3	79	79	0.0	70 - 130	30
Naphthalene	ND	99	94	5.2	103	102	1.0	70 - 130	30
n-Butylbenzene	ND	91	88	3.4	99	101	2.0	70 - 130	30
n-Propylbenzene	ND	90	89	1.1	105	104	1.0	70 - 130	30
o-Xylene	ND	98	98	0.0	108	109	0.9	70 - 130	30
p-Isopropyltoluene	ND	95	93	2.1	103	103	0.0	70 - 130	30
sec-Butylbenzene	ND	94	91	3.2	100	100	0.0	70 - 130	30
Styrene	ND	96	97	1.0	106	104	1.9	70 - 130	30
tert-Butylbenzene	ND	92	91	1.1	100	100	0.0	70 - 130	30
Tetrachloroethene	ND	102	101	1.0	112	114	1.8	70 - 130	30
Tetrahydrofuran (THF)	ND	85	81	4.8	84	84	0.0	70 - 130	30
Toluene	ND	99	99	0.0	109	109	0.0	70 - 130	30
trans-1,2-Dichloroethene	ND	84	84	0.0	87	88	1.1	70 - 130	30
trans-1,3-Dichloropropene	ND	100	100	0.0	103	102	1.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	98	94	4.2	95	95	0.0	70 - 130	30
Trichloroethene	ND	103	103	0.0	112	112	0.0	70 - 130	30
Trichlorofluoromethane	ND	83	81	2.4	19	19	0.0	70 - 130	30
Trichlorotrifluoroethane	ND	90	87	3.4	82	83	1.2	70 - 130	30
Vinyl chloride	ND	84	85	1.2	95	97	2.1	70 - 130	30
% 1,2-dichlorobenzene-d4	95	103	100	3.0	101	100	1.0	70 - 121	30
% Bromofluorobenzene	97	97	97	0.0	97	96	1.0	59 - 113	30
% Dibromofluoromethane	107	102	103	1.0	100	102	2.0	70 - 130	30
% Toluene-d8	92	101	101	0.0	102	102	0.0	84 - 138	30

m

QA/QC Batch 295026, QC Sample No: BH54048 (BH54052, BH54053)

Semivolatiles - Solid

1,2,4,5-Tetrachlorobenzene	ND	87	90	3.4	88	85	3.5	30 - 130	30
1,2,4-Trichlorobenzene	ND	84	91	8.0	88	85	3.5	30 - 130	30
1,2-Dichlorobenzene	ND	73	79	7.9	80	76	5.1	30 - 130	30
1,2-Diphenylhydrazine	ND	98	97	1.0	94	91	3.2	30 - 130	30
1,3-Dichlorobenzene	ND	71	76	6.8	78	74	5.3	30 - 130	30
1,4-Dichlorobenzene	ND	72	76	5.4	78	74	5.3	30 - 130	30
2,4,5-Trichlorophenol	ND	103	106	2.9	106	105	0.9	30 - 130	30
2,4,6-Trichlorophenol	ND	101	104	2.9	101	99	2.0	30 - 130	30
2,4-Dichlorophenol	ND	94	97	3.1	99	95	4.1	30 - 130	30
2,4-Dimethylphenol	ND	86	91	5.6	91	88	3.4	30 - 130	30
2,4-Dinitrophenol	ND	26	40	42.4	25	25	0.0	30 - 130	30
2,4-Dinitrotoluene	ND	108	109	0.9	105	104	1.0	30 - 130	30
2,6-Dinitrotoluene	ND	100	103	3.0	101	99	2.0	30 - 130	30
2-Chloronaphthalene	ND	89	93	4.4	90	89	1.1	30 - 130	30
2-Chlorophenol	ND	85	93	9.0	91	86	5.6	30 - 130	30
2-Methylnaphthalene	ND	87	91	4.5	90	88	2.2	30 - 130	30
2-Methylphenol (o-cresol)	ND	90	99	9.5	99	95	4.1	30 - 130	30

l,m,r

QA/QC Data

SDG I.D.: GBH54052

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
2-Nitroaniline	ND	118	106	10.7	118	109	7.9	30 - 130	30
2-Nitrophenol	ND	90	98	8.5	96	92	4.3	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	93	99	6.3	99	94	5.2	30 - 130	30
3,3'-Dichlorobenzidine	ND	84	81	3.6	82	78	5.0	30 - 130	30
3-Nitroaniline	ND	102	97	5.0	105	100	4.9	30 - 130	30
4,6-Dinitro-2-methylphenol	ND	60	71	16.8	108	113	4.5	30 - 130	30
4-Bromophenyl phenyl ether	ND	88	93	5.5	89	88	1.1	30 - 130	30
4-Chloro-3-methylphenol	ND	102	102	0.0	108	102	5.7	30 - 130	30
4-Chloroaniline	ND	86	81	6.0	86	82	4.8	30 - 130	30
4-Chlorophenyl phenyl ether	ND	92	92	0.0	90	90	0.0	30 - 130	30
4-Nitroaniline	ND	101	98	3.0	102	99	3.0	30 - 130	30
4-Nitrophenol	ND	122	118	3.3	122	118	3.3	30 - 130	30
Acenaphthene	ND	92	95	3.2	92	91	1.1	30 - 130	30
Acenaphthylene	ND	88	90	2.2	88	88	0.0	30 - 130	30
Acetophenone	ND	83	91	9.2	88	83	5.8	30 - 130	30
Aniline	ND	74	71	4.1	81	73	10.4	30 - 130	30
Anthracene	ND	94	96	2.1	92	93	1.1	30 - 130	30
Benz(a)anthracene	ND	99	102	3.0	96	97	1.0	30 - 130	30
Benzidine	ND	34	19	56.6	54	37	37.4	30 - 130	30
Benzo(a)pyrene	ND	94	97	3.1	92	93	1.1	30 - 130	30
Benzo(b)fluoranthene	ND	94	98	4.2	91	91	0.0	30 - 130	30
Benzo(ghi)perylene	ND	99	99	0.0	102	113	10.2	30 - 130	30
Benzo(k)fluoranthene	ND	94	100	6.2	88	89	1.1	30 - 130	30
Benzoic Acid	ND	<10	36	NC	<10	<10	NC	30 - 130	30
Benzyl butyl phthalate	ND	101	113	11.2	98	100	2.0	30 - 130	30
Bis(2-chloroethoxy)methane	ND	87	94	7.7	91	88	3.4	30 - 130	30
Bis(2-chloroethyl)ether	ND	66	73	10.1	72	67	7.2	30 - 130	30
Bis(2-chloroisopropyl)ether	ND	79	86	8.5	83	77	7.5	30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	104	111	6.5	101	102	1.0	30 - 130	30
Carbazole	ND	115	111	3.5	106	107	0.9	30 - 130	30
Chrysene	ND	101	103	2.0	98	98	0.0	30 - 130	30
Dibenz(a,h)anthracene	ND	99	96	3.1	100	108	7.7	30 - 130	30
Dibenzofuran	ND	96	95	1.0	96	95	1.0	30 - 130	30
Diethyl phthalate	ND	99	104	4.9	97	94	3.1	30 - 130	30
Dimethylphthalate	ND	95	98	3.1	94	93	1.1	30 - 130	30
Di-n-butylphthalate	ND	111	119	7.0	96	96	0.0	30 - 130	30
Di-n-octylphthalate	ND	101	97	4.0	101	98	3.0	30 - 130	30
Fluoranthene	ND	115	108	6.3	96	99	3.1	30 - 130	30
Fluorene	ND	97	95	2.1	97	97	0.0	30 - 130	30
Hexachlorobenzene	ND	90	100	10.5	90	89	1.1	30 - 130	30
Hexachlorobutadiene	ND	79	85	7.3	80	77	3.8	30 - 130	30
Hexachlorocyclopentadiene	ND	87	87	0.0	93	82	12.6	30 - 130	30
Hexachloroethane	ND	72	78	8.0	79	73	7.9	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	100	98	2.0	102	111	8.5	30 - 130	30
Isophorone	ND	83	91	9.2	87	84	3.5	30 - 130	30
Naphthalene	ND	81	87	7.1	85	82	3.6	30 - 130	30
Nitrobenzene	ND	85	91	6.8	90	84	6.9	30 - 130	30
N-Nitrosodimethylamine	ND	68	71	4.3	75	69	8.3	30 - 130	30
N-Nitrosodi-n-propylamine	ND	85	93	9.0	91	84	8.0	30 - 130	30
N-Nitrosodiphenylamine	ND	107	108	0.9	107	103	3.8	30 - 130	30
Pentachloronitrobenzene	ND	90	102	12.5	88	87	1.1	30 - 130	30
Pentachlorophenol	ND	100	102	2.0	103	101	2.0	30 - 130	30
Phenanthrene	ND	93	97	4.2	87	90	3.4	30 - 130	30

I,r

I,m

QA/QC Data

SDG I.D.: GBH54052

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Phenol	ND	90	98	8.5	96	90	6.5	30 - 130	30
Pyrene	ND	118	110	7.0	102	106	3.8	30 - 130	30
Pyridine	ND	48	56	15.4	59	55	7.0	30 - 130	30
% 2,4,6-Tribromophenol	92	90	98	8.5	93	90	3.3	30 - 130	30
% 2-Fluorobiphenyl	84	86	90	4.5	85	85	0.0	30 - 115	30
% 2-Fluorophenol	78	77	86	11.0	84	79	6.1	30 - 130	30
% Nitrobenzene-d5	83	79	84	6.1	84	80	4.9	23 - 120	30
% Phenol-d5	84	84	91	8.0	89	85	4.6	30 - 130	30
% Terphenyl-d14	108	119	107	10.6	102	105	2.9	18 - 137	30

QA/QC Batch 295018, QC Sample No: BH54053 (BH54052, BH54053)

Pesticides - Solid

4,4' -DDD	ND	92	90	2.2	97	93	4.2	30 - 150	30
4,4' -DDE	ND	91	90	1.1	94	92	2.2	50 - 150	30
4,4' -DDT	ND	92	90	2.2	98	92	6.3	30 - 150	50
a-BHC	ND	105	103	1.9	105	104	1.0	30 - 150	30
a-Chlordane	ND	94	92	2.2	102	95	7.1	30 - 150	30
Aldrin	ND	94	92	2.2	97	95	2.1	30 - 150	43
b-BHC	ND	87	89	2.3	94	92	2.2	30 - 150	30
d-BHC	ND	96	90	6.5	101	98	3.0	30 - 150	30
Dieldrin	ND	92	91	1.1	96	94	2.1	30 - 130	38
Endosulfan I	ND	94	95	1.1	101	98	3.0	30 - 150	30
Endosulfan II	ND	76	80	5.1	90	89	1.1	30 - 150	30
Endosulfan sulfate	ND	71	72	1.4	83	85	2.4	50 - 120	30
Endrin	ND	92	92	0.0	97	94	3.1	50 - 120	45
Endrin aldehyde	ND	67	70	4.4	89	89	0.0	30 - 150	30
Endrin ketone	ND	90	86	4.5	96	93	3.2	30 - 150	30
g-BHC	ND	92	91	1.1	96	95	1.0	50 - 120	50
g-Chlordane	ND	96	95	1.0	106	99	6.8	30 - 130	30
Heptachlor	ND	94	91	3.2	97	94	3.1	30 - 150	31
Heptachlor epoxide	ND	96	94	2.1	100	97	3.0	50 - 150	30
Methoxychlor	ND	92	90	2.2	98	93	5.2	30 - 150	30
Toxaphene	ND	NA	NA	NC	NA	NA	NC	30 - 150	30
% DCBP	94	97	94	3.1	98	96	2.1	30 - 150	30
% TCMX	91	92	92	0.0	99	96	3.1	30 - 150	30

QA/QC Batch 295029, QC Sample No: BH54053 (BH54052, BH54053)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	88	93	5.5	91	88	3.4	30 - 120	15
PCB-1221	ND							30 - 150	30
PCB-1232	ND							30 - 150	30
PCB-1242	ND							30 - 150	30
PCB-1248	ND							30 - 150	30
PCB-1254	ND							30 - 150	30
PCB-1260	ND	88	91	3.4	92	89	3.3	30 - 150	20
PCB-1262	ND							30 - 150	30
PCB-1268	ND							30 - 150	30
% DCBP (Surrogate Rec)	81	100	104	3.9	105	101	3.9	30 - 150	20
% TCMX (Surrogate Rec)	81	99	103	4.0	100	101	1.0	30 - 150	20

QA/QC Batch 295309, QC Sample No: BH54549 (BH54052 (45, 1X))

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	97	99	2.0	102	105	2.9	70 - 130	30
1,1,1-Trichloroethane	ND	95	95	0.0	99	97	2.0	70 - 130	30

QA/QC Data

SDG I.D.: GBH54052

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,1,2,2-Tetrachloroethane	ND	95	96	1.0	103	102	1.0	70 - 130	30
1,1,2-Trichloroethane	ND	90	92	2.2	97	96	1.0	70 - 130	30
1,1-Dichloroethane	ND	90	92	2.2	97	96	1.0	70 - 130	30
1,1-Dichloroethene	ND	96	96	0.0	98	97	1.0	70 - 130	30
1,1-Dichloropropene	ND	94	94	0.0	100	98	2.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	85	87	2.3	77	74	4.0	70 - 130	30
1,2,3-Trichloropropane	ND	92	96	4.3	103	101	2.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	80	82	2.5	80	78	2.5	70 - 130	30
1,2,4-Trimethylbenzene	ND	87	87	0.0	101	104	2.9	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	94	94	0.0	99	97	2.0	70 - 130	30
1,2-Dibromoethane	ND	91	94	3.2	97	95	2.1	70 - 130	30
1,2-Dichlorobenzene	ND	87	88	1.1	94	97	3.1	70 - 130	30
1,2-Dichloroethane	ND	91	94	3.2	97	98	1.0	70 - 130	30
1,2-Dichloropropane	ND	92	92	0.0	96	99	3.1	70 - 130	30
1,3,5-Trimethylbenzene	ND	92	92	0.0	103	106	2.9	70 - 130	30
1,3-Dichlorobenzene	ND	86	88	2.3	95	98	3.1	70 - 130	30
1,3-Dichloropropane	ND	91	92	1.1	95	97	2.1	70 - 130	30
1,4-Dichlorobenzene	ND	85	86	1.2	96	99	3.1	70 - 130	30
2,2-Dichloropropane	ND	93	94	1.1	97	95	2.1	70 - 130	30
2-Chlorotoluene	ND	90	91	1.1	102	105	2.9	70 - 130	30
2-Hexanone	ND	81	84	3.6	86	81	6.0	70 - 130	30
2-Isopropyltoluene	ND	94	96	2.1	104	108	3.8	70 - 130	30
4-Chlorotoluene	ND	86	87	1.2	100	103	3.0	70 - 130	30
4-Methyl-2-pentanone	ND	85	85	0.0	90	85	5.7	70 - 130	30
Acetone	7.6 JBS	82	88	7.1	34	28	19.4	70 - 130	30
Acrylonitrile	ND	88	93	5.5	90	83	8.1	70 - 130	30
Benzene	ND	93	93	0.0	97	97	0.0	70 - 130	30
Bromobenzene	ND	91	93	2.2	101	104	2.9	70 - 130	30
Bromochloromethane	ND	91	93	2.2	95	94	1.1	70 - 130	30
Bromodichloromethane	ND	96	96	0.0	99	102	3.0	70 - 130	30
Bromoform	ND	98	100	2.0	99	97	2.0	70 - 130	30
Bromomethane	ND	91	89	2.2	96	93	3.2	70 - 130	30
Carbon Disulfide	ND	100	100	0.0	101	100	1.0	70 - 130	30
Carbon tetrachloride	ND	98	99	1.0	102	102	0.0	70 - 130	30
Chlorobenzene	ND	89	90	1.1	97	98	1.0	70 - 130	30
Chloroethane	ND	87	86	1.2	90	89	1.1	70 - 130	30
Chloroform	ND	90	91	1.1	96	95	1.0	70 - 130	30
Chloromethane	ND	86	86	0.0	92	91	1.1	70 - 130	30
cis-1,2-Dichloroethene	ND	91	92	1.1	97	97	0.0	70 - 130	30
cis-1,3-Dichloropropene	ND	96	96	0.0	100	100	0.0	70 - 130	30
Dibromochloromethane	ND	98	99	1.0	101	105	3.9	70 - 130	30
Dibromomethane	ND	91	92	1.1	96	96	0.0	70 - 130	30
Dichlorodifluoromethane	ND	86	87	1.2	92	89	3.3	70 - 130	30
Ethylbenzene	ND	94	95	1.1	100	102	2.0	70 - 130	30
Hexachlorobutadiene	ND	93	95	2.1	92	96	4.3	70 - 130	30
Isopropylbenzene	ND	93	94	1.1	106	110	3.7	70 - 130	30
m&p-Xylene	ND	91	92	1.1	97	99	2.0	70 - 130	30
Methyl ethyl ketone	ND	81	82	1.2	85	77	9.9	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	93	94	1.1	94	95	1.1	70 - 130	30
Methylene chloride	3.7 JBS	88	90	2.2	92	92	0.0	70 - 130	30
Naphthalene	ND	90	94	4.3	79	70	12.1	70 - 130	30
n-Butylbenzene	ND	87	88	1.1	100	103	3.0	70 - 130	30
n-Propylbenzene	ND	85	86	1.2	104	108	3.8	70 - 130	30

m

QA/QC Data

SDG I.D.: GBH54052

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
o-Xylene	ND	93	93	0.0	98	99	1.0	70 - 130	30
p-Isopropyltoluene	ND	91	92	1.1	104	107	2.8	70 - 130	30
sec-Butylbenzene	ND	95	96	1.0	103	107	3.8	70 - 130	30
Styrene	ND	92	93	1.1	96	96	0.0	70 - 130	30
tert-Butylbenzene	ND	93	95	2.1	105	108	2.8	70 - 130	30
Tetrachloroethene	ND	93	93	0.0	100	103	3.0	70 - 130	30
Tetrahydrofuran (THF)	ND	89	92	3.3	85	80	6.1	70 - 130	30
Toluene	ND	92	91	1.1	97	97	0.0	70 - 130	30
trans-1,2-Dichloroethene	ND	94	95	1.1	98	97	1.0	70 - 130	30
trans-1,3-Dichloropropene	ND	98	99	1.0	99	101	2.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	95	96	1.0	106	105	0.9	70 - 130	30
Trichloroethene	ND	96	96	0.0	99	98	1.0	70 - 130	30
Trichlorofluoromethane	ND	97	98	1.0	101	99	2.0	70 - 130	30
Trichlorotrifluoroethane	ND	97	97	0.0	101	98	3.0	70 - 130	30
Vinyl chloride	ND	88	90	2.2	99	94	5.2	70 - 130	30
% 1,2-dichlorobenzene-d4	99	100	101	1.0	99	99	0.0	70 - 121	30
% Bromofluorobenzene	99	101	101	0.0	96	97	1.0	59 - 113	30
% Dibromofluoromethane	99	100	100	0.0	99	97	2.0	70 - 130	30
% Toluene-d8	94	100	99	1.0	100	99	1.0	84 - 138	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.

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
 January 15, 2015

Sample Criteria Exceedences Report

GBH54052 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH54052	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	78.0	0.8	63	63	mg/Kg

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



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



NY Temperature Narration

January 15, 2015

SDG I.D.: GBH54052

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



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

Customer: Environmental Business Consultants
 Address: 1808 Middle Country Road
 Ridge, New York 11961

Project: 39-40 30th Street, Queens NY
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants

Contact Options:
 Fax: _____
 Phone: (631) 504-6000
 Email: Ccsosik@ebclincny.com

Coolant: PK ICE No No
 Cooler: Yes No
 Temp _____ °C _____ °F

Sampler's Signature: *Reuben Leonard* Date: 12/14/14
 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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
54052	B9 0-2-	↓	12/15/14	11:00
54053	B9 13-15-	↓	11:15	

Analysis Request	VOCs 8260	SVCs 8270	Pesticides/PCBs	TAL Metals	GL VOA Vials (X) Methanol (X) H2O	GL Soil container (8) oz	GL VOA Vials (X) Methanol (X) H2O	40 ml VOA vial (HCl)	GL Amber 1000ml (As is)	PL As is (250ml)	PL H2SO4 (250ml)	PL HNO3 250ml	Bacteria Bait
	X	X	X	X	X	X	X	X	X	X	X	X	
	X	X	X	X	X	X	X	X	X	X	X	X	

Relinquished by: *[Signature]* Date: 12-16-14 Time: 13:00
 Accepted by: *[Signature]* Date: 12-16-14 Time: 17:01

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 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



Thursday, January 15, 2015

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST., QUEENS
Sample ID#s: BH55363 - BH55372

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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



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SDG Comments

January 15, 2015

SDG I.D.: GBH55363

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.

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



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**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 39-40 30TH ST., QUEENS
Laboratory Project: GBH55363



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

January 15, 2015

SDG I.D.: GBH55363

Environmental Business Consultants 39-40 30TH ST., QUEENS

Methodology Summary

Mercury Prep

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 7471B.

Metals

ICP :

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010C.

Mercury:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8270D.

Volatile Organics

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260C.



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NY Analytical Services Protocol Format

January 15, 2015

SDG I.D.: GBH55363

Environmental Business Consultants 39-40 30TH ST., QUEENS

Sample Id Cross Reference

Client Id	Lab Id	Matrix
B10 0-2	BH55363	SOIL
B10 13-15	BH55364	SOIL
B11 0-2	BH55365	SOIL
B11 13-15	BH55366	SOIL
B12 0-2	BH55367	SOIL
B12 13-15	BH55368	SOIL
B13 0-2	BH55369	SOIL
B13 13-15	BH55370	SOIL
B14 0-2	BH55371	SOIL
B14 8-10	BH55372	SOIL



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NY Analytical Services Protocol Format

January 15, 2015

SDG I.D.: GBH55363

Environmental Business Consultants 39-40 30TH ST., QUEENS

Laboratory Chronicle

The samples in this delivery group were received at 4°C.

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BH55363	Aluminum	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Antimony	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Arsenic	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Barium	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Beryllium	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Cadmium	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Calcium	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Chromium	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Cobalt	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Copper	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Iron	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Lead	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Magnesium	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Manganese	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Mercury	12/17/14	12/19/14	12/19/14	RS	Y
BH55363	Nickel	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Pesticides - Soil	12/17/14	12/18/14	12/22/14	CE	Y
BH55363	Polychlorinated Biphenyls	12/17/14	12/18/14	12/19/14	AW	Y
BH55363	Potassium	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Selenium	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Semivolatiles	12/17/14	12/18/14	12/19/14	DD	Y
BH55363	Silver	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Sodium	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Thallium	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Vanadium	12/17/14	12/18/14	12/19/14	LK	Y
BH55363	Volatiles	12/17/14	12/19/14	12/19/14	JLI	Y
BH55363	Zinc	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Aluminum	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Antimony	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Arsenic	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Barium	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Beryllium	12/17/14	12/18/14	12/19/14	LK	Y



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

January 15, 2015

SDG I.D.: GBH55363

Environmental Business Consultants 39-40 30TH ST., QUEENS

BH55364	Cadmium	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Calcium	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Chromium	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Cobalt	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Copper	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Iron	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Lead	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Magnesium	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Manganese	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Mercury	12/17/14	12/19/14	12/19/14	RS	Y
BH55364	Nickel	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Pesticides - Soil	12/17/14	12/18/14	12/22/14	CE	Y
BH55364	Polychlorinated Biphenyls	12/17/14	12/18/14	12/19/14	AW	Y
BH55364	Potassium	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Selenium	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Semivolatiles	12/17/14	12/18/14	12/19/14	DD	Y
BH55364	Silver	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Sodium	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Thallium	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Vanadium	12/17/14	12/18/14	12/19/14	LK	Y
BH55364	Volatiles	12/17/14	12/19/14	12/19/14	JLI	Y
BH55364	Zinc	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Aluminum	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Antimony	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Arsenic	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Barium	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Beryllium	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Cadmium	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Calcium	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Chromium	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Cobalt	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Copper	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Iron	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Lead	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Magnesium	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Manganese	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Mercury	12/17/14	12/19/14	12/19/14	RS	Y



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BH55365	Nickel	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Pesticides - Soil	12/17/14	12/18/14	12/22/14	CE	Y
BH55365	Polychlorinated Biphenyls	12/17/14	12/18/14	12/19/14	AW	Y
BH55365	Potassium	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Selenium	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Semivolatiles	12/17/14	12/18/14	12/19/14	DD	Y
BH55365	Silver	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Sodium	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Thallium	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Vanadium	12/17/14	12/18/14	12/19/14	LK	Y
BH55365	Volatiles	12/17/14	12/19/14	12/19/14	JLI	Y
BH55365	Zinc	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Aluminum	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Antimony	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Arsenic	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Barium	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Beryllium	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Cadmium	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Calcium	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Chromium	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Cobalt	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Copper	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Iron	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Lead	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Magnesium	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Manganese	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Mercury	12/17/14	12/19/14	12/19/14	RS	Y
BH55366	Nickel	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Pesticides - Soil	12/17/14	12/18/14	12/22/14	CE	Y
BH55366	Polychlorinated Biphenyls	12/17/14	12/18/14	12/19/14	AW	Y
BH55366	Potassium	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Selenium	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Semivolatiles	12/17/14	12/18/14	12/19/14	DD	Y
BH55366	Silver	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Sodium	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Thallium	12/17/14	12/18/14	12/19/14	LK	Y
BH55366	Vanadium	12/17/14	12/18/14	12/19/14	LK	Y



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BH55366	Volatiles	12/17/14	12/19/14	12/19/14	JLI	Y
BH55366	Zinc	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Aluminum	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Antimony	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Arsenic	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Barium	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Beryllium	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Cadmium	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Calcium	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Chromium	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Cobalt	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Copper	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Iron	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Lead	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Magnesium	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Manganese	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Mercury	12/17/14	12/19/14	12/19/14	RS	Y
BH55367	Nickel	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Pesticides - Soil	12/17/14	12/18/14	12/22/14	CE	Y
BH55367	Polychlorinated Biphenyls	12/17/14	12/18/14	12/19/14	AW	Y
BH55367	Potassium	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Selenium	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Semivolatiles	12/17/14	12/18/14	12/19/14	DD	Y
BH55367	Silver	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Sodium	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Thallium	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Vanadium	12/17/14	12/18/14	12/19/14	LK	Y
BH55367	Volatiles	12/17/14	12/19/14	12/19/14	JLI	Y
BH55367	Zinc	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Aluminum	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Antimony	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Arsenic	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Barium	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Beryllium	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Cadmium	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Calcium	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Chromium	12/17/14	12/18/14	12/19/14	LK	Y



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BH55368	Cobalt	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Copper	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Iron	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Lead	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Magnesium	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Manganese	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Mercury	12/17/14	12/19/14	12/19/14	RS	Y
BH55368	Nickel	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Pesticides - Soil	12/17/14	12/18/14	12/22/14	CE	Y
BH55368	Polychlorinated Biphenyls	12/17/14	12/18/14	12/19/14	AW	Y
BH55368	Potassium	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Selenium	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Semivolatiles	12/17/14	12/18/14	12/19/14	DD	Y
BH55368	Silver	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Sodium	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Thallium	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Vanadium	12/17/14	12/18/14	12/19/14	LK	Y
BH55368	Volatiles	12/17/14	12/19/14	12/19/14	JLI	Y
BH55368	Zinc	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Aluminum	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Antimony	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Arsenic	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Barium	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Beryllium	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Cadmium	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Calcium	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Chromium	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Cobalt	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Copper	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Iron	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Lead	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Magnesium	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Manganese	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Mercury	12/17/14	12/19/14	12/19/14	RS	Y
BH55369	Nickel	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Pesticides - Soil	12/17/14	12/18/14	12/22/14	CE	Y
BH55369	Polychlorinated Biphenyls	12/17/14	12/18/14	12/19/14	AW	Y



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BH55369	Potassium	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Selenium	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Semivolatiles	12/17/14	12/18/14	12/19/14	DD	Y
BH55369	Silver	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Sodium	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Thallium	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Vanadium	12/17/14	12/18/14	12/19/14	LK	Y
BH55369	Volatiles	12/17/14	12/19/14	12/19/14	JLI	Y
BH55369	Zinc	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Aluminum	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Antimony	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Arsenic	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Barium	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Beryllium	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Cadmium	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Calcium	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Chromium	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Cobalt	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Copper	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Iron	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Lead	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Magnesium	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Manganese	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Mercury	12/17/14	12/19/14	12/19/14	RS	Y
BH55370	Nickel	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Pesticides - Soil	12/17/14	12/18/14	12/22/14	CE	Y
BH55370	Polychlorinated Biphenyls	12/17/14	12/18/14	12/19/14	AW	Y
BH55370	Potassium	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Selenium	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Semivolatiles	12/17/14	12/18/14	12/19/14	DD	Y
BH55370	Silver	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Sodium	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Thallium	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Vanadium	12/17/14	12/18/14	12/19/14	LK	Y
BH55370	Volatiles	12/17/14	12/19/14	12/19/14	JLI	Y
BH55370	Zinc	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Aluminum	12/17/14	12/18/14	12/19/14	LK	Y



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BH55371	Antimony	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Arsenic	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Barium	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Beryllium	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Cadmium	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Calcium	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Chromium	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Cobalt	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Copper	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Iron	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Lead	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Magnesium	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Manganese	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Mercury	12/17/14	12/19/14	12/19/14	RS	Y
BH55371	Nickel	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Pesticides - Soil	12/17/14	12/18/14	12/22/14	CE	Y
BH55371	Polychlorinated Biphenyls	12/17/14	12/18/14	12/19/14	AW	Y
BH55371	Potassium	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Selenium	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Semivolatiles	12/17/14	12/18/14	12/19/14	DD	Y
BH55371	Silver	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Sodium	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Thallium	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Vanadium	12/17/14	12/18/14	12/19/14	LK	Y
BH55371	Volatiles	12/17/14	12/19/14	12/19/14	JLI	Y
BH55371	Zinc	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Aluminum	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Antimony	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Arsenic	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Barium	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Beryllium	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Cadmium	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Calcium	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Chromium	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Cobalt	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Copper	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Iron	12/17/14	12/18/14	12/19/14	LK	Y



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BH55372	Lead	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Magnesium	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Manganese	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Mercury	12/17/14	12/19/14	12/19/14	RS	Y
BH55372	Nickel	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Pesticides - Soil	12/17/14	12/18/14	12/22/14	CE	Y
BH55372	Polychlorinated Biphenyls	12/17/14	12/18/14	12/19/14	AW	Y
BH55372	Potassium	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Selenium	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Semivolatiles	12/17/14	12/18/14	12/19/14	DD	Y
BH55372	Silver	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Sodium	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Thallium	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Vanadium	12/17/14	12/18/14	12/19/14	LK	Y
BH55372	Volatiles	12/17/14	12/19/14	12/19/14	JLI	Y
BH55372	Zinc	12/17/14	12/18/14	12/19/14	LK	Y



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Analysis Report
 January 15, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

12/17/14
 12/18/14

Time

9:00
 17:28

Laboratory Data

SDG ID: GBH55363
 Phoenix ID: BH55363

Project ID: 39-40 30TH ST., QUEENS
 Client ID: B10 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	0.47	0.35	0.35	mg/Kg	12/19/14	LK	SW6010
Aluminum	11400	35	7.0	mg/Kg	12/19/14	LK	SW6010
Arsenic	2.2	0.7	0.70	mg/Kg	12/19/14	LK	SW6010
Barium	84.0	0.7	0.35	mg/Kg	12/19/14	LK	SW6010
Beryllium	0.52	0.28	0.14	mg/Kg	12/19/14	LK	SW6010
Calcium	8520	* 35	32	mg/Kg	12/19/14	LK	SW6010
Cadmium	< 0.35	0.35	0.14	mg/Kg	12/19/14	LK	SW6010
Cobalt	7.74	0.35	0.35	mg/Kg	12/19/14	LK	SW6010
Chromium	21.9	0.35	0.35	mg/Kg	12/19/14	LK	SW6010
Copper	28.8	0.35	0.35	mg/kg	12/19/14	LK	SW6010
Iron	17000	35	35	mg/Kg	12/19/14	LK	SW6010
Mercury	0.41	0.07	0.04	mg/Kg	12/19/14	RS	SW-7471
Potassium	1170	N 7	2.7	mg/Kg	12/19/14	LK	SW6010
Magnesium	4250	3.5	3.5	mg/Kg	12/19/14	LK	SW6010
Manganese	341	N* 3.5	3.5	mg/Kg	12/19/14	LK	SW6010
Sodium	352	N 7	3.0	mg/Kg	12/19/14	LK	SW6010
Nickel	15.1	0.35	0.35	mg/Kg	12/19/14	LK	SW6010
Lead	73.8	0.7	0.35	mg/Kg	12/19/14	LK	SW6010
Antimony	< 1.8	N 1.8	1.8	mg/Kg	12/19/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	12/19/14	LK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	12/19/14	LK	SW6010
Vanadium	25.6	0.4	0.35	mg/Kg	12/19/14	LK	SW6010
Zinc	59.1	0.7	0.35	mg/Kg	12/19/14	LK	SW6010
Percent Solid	90			%	12/18/14	I	SW846
Soil Extraction for PCB	Completed				12/18/14	BC/H	SW3545
Soil Extraction for Pesticide	Completed				12/18/14	BC	SW3545
Soil Extraction for SVOA	Completed				12/18/14	BJ/VH	SW3545
Mercury Digestion	Completed				12/19/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				12/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				12/17/14		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	12/19/14	AW	SW 8082

QA/QC Surrogates

% DCBP	84			%	12/19/14	AW	30 - 150 %
% TCMX	83			%	12/19/14	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	12/22/14	CE	SW8081
4,4' -DDE	ND	2.2	2.2	ug/Kg	12/22/14	CE	SW8081
4,4' -DDT	ND	2.2	2.2	ug/Kg	12/22/14	CE	SW8081
a-BHC	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	12/22/14	CE	SW8081
Aldrin	ND	3.6	3.6	ug/Kg	12/22/14	CE	SW8081
b-BHC	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
d-BHC	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Dieldrin	ND	3.6	3.6	ug/Kg	12/22/14	CE	SW8081
Endosulfan I	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Endosulfan II	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Endosulfan sulfate	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Endrin	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Endrin aldehyde	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Endrin ketone	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
g-BHC	ND	1.5	1.5	ug/Kg	12/22/14	CE	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	12/22/14	CE	SW8081
Heptachlor	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Heptachlor epoxide	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Methoxychlor	ND	36	36	ug/Kg	12/22/14	CE	SW8081
Toxaphene	ND	150	150	ug/Kg	12/22/14	CE	SW8081

QA/QC Surrogates

% DCBP	98			%	12/22/14	CE	30 - 150 %
% TCMX	80			%	12/22/14	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	6.0	0.98	ug/Kg	12/19/14	JLI	SW8260
1,1,1-Trichloroethane	ND	6.0	1.2	ug/Kg	12/19/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	6.0	0.85	ug/Kg	12/19/14	JLI	SW8260
1,1,2-Trichloroethane	ND	6.0	0.59	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethane	ND	6.0	1.2	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethene	ND	6.0	1.3	ug/Kg	12/19/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	6.0	1.2	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	6.0	1.2	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichloropropane	ND	6.0	0.85	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	6.0	1.2	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trimethylbenzene	1.4	J 6.0	0.86	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	6.0	1.6	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromoethane	ND	6.0	1.6	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichlorobenzene	ND	6.0	0.66	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloroethane	ND	6.0	0.53	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloropropane	ND	6.0	0.85	ug/Kg	12/19/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	6.0	0.79	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichlorobenzene	ND	6.0	0.89	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichloropropane	ND	6.0	0.64	ug/Kg	12/19/14	JLI	SW8260
1,4-Dichlorobenzene	ND	6.0	0.95	ug/Kg	12/19/14	JLI	SW8260
2,2-Dichloropropane	ND	6.0	1.0	ug/Kg	12/19/14	JLI	SW8260
2-Chlorotoluene	ND	6.0	0.96	ug/Kg	12/19/14	JLI	SW8260
2-Hexanone	ND	30	2.7	ug/Kg	12/19/14	JLI	SW8260
2-Isopropyltoluene	ND	6.0	0.83	ug/Kg	12/19/14	JLI	SW8260
4-Chlorotoluene	ND	6.0	0.70	ug/Kg	12/19/14	JLI	SW8260
4-Methyl-2-pentanone	ND	30	1.4	ug/Kg	12/19/14	JLI	SW8260
Acetone	6.0	JBS 50	6.0	ug/Kg	12/19/14	JLI	SW8260
Acrylonitrile	ND	12	3.4	ug/Kg	12/19/14	JLI	SW8260
Benzene	ND	6.0	1.2	ug/Kg	12/19/14	JLI	SW8260
Bromobenzene	ND	6.0	0.78	ug/Kg	12/19/14	JLI	SW8260
Bromochloromethane	ND	6.0	0.88	ug/Kg	12/19/14	JLI	SW8260
Bromodichloromethane	ND	6.0	0.74	ug/Kg	12/19/14	JLI	SW8260
Bromoform	ND	6.0	0.84	ug/Kg	12/19/14	JLI	SW8260
Bromomethane	ND	6.0	4.6	ug/Kg	12/19/14	JLI	SW8260
Carbon Disulfide	ND	6.0	0.97	ug/Kg	12/19/14	JLI	SW8260
Carbon tetrachloride	ND	6.0	0.70	ug/Kg	12/19/14	JLI	SW8260
Chlorobenzene	ND	6.0	0.89	ug/Kg	12/19/14	JLI	SW8260
Chloroethane	ND	6.0	1.4	ug/Kg	12/19/14	JLI	SW8260
Chloroform	ND	6.0	1.1	ug/Kg	12/19/14	JLI	SW8260
Chloromethane	ND	6.0	3.1	ug/Kg	12/19/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	6.0	1.3	ug/Kg	12/19/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	6.0	0.65	ug/Kg	12/19/14	JLI	SW8260
Dibromochloromethane	ND	6.0	0.67	ug/Kg	12/19/14	JLI	SW8260
Dibromomethane	ND	6.0	0.76	ug/Kg	12/19/14	JLI	SW8260
Dichlorodifluoromethane	ND	6.0	1.6	ug/Kg	12/19/14	JLI	SW8260
Ethylbenzene	ND	6.0	1.1	ug/Kg	12/19/14	JLI	SW8260
Hexachlorobutadiene	ND	6.0	1.3	ug/Kg	12/19/14	JLI	SW8260
Isopropylbenzene	ND	6.0	1.2	ug/Kg	12/19/14	JLI	SW8260
m&p-Xylene	4.1	J 6.0	2.4	ug/Kg	12/19/14	JLI	SW8260
Methyl Ethyl Ketone	ND	36	5.2	ug/Kg	12/19/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	12	1.7	ug/Kg	12/19/14	JLI	SW8260
Methylene chloride	2.0	JBS 6.0	0.98	ug/Kg	12/19/14	JLI	SW8260
Naphthalene	ND	6.0	1.6	ug/Kg	12/19/14	JLI	SW8260
n-Butylbenzene	ND	6.0	1.1	ug/Kg	12/19/14	JLI	SW8260
n-Propylbenzene	ND	6.0	1.1	ug/Kg	12/19/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	6.0	2.3	ug/Kg	12/19/14	JLI	SW8260
p-Isopropyltoluene	ND	6.0	0.86	ug/Kg	12/19/14	JLI	SW8260
sec-Butylbenzene	ND	6.0	1.1	ug/Kg	12/19/14	JLI	SW8260
Styrene	ND	6.0	1.7	ug/Kg	12/19/14	JLI	SW8260
tert-Butylbenzene	ND	6.0	0.96	ug/Kg	12/19/14	JLI	SW8260
Tetrachloroethene	110	J 280	58	ug/Kg	12/19/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	12	5.4	ug/Kg	12/19/14	JLI	SW8260
Toluene	91	J 280	44	ug/Kg	12/19/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	6.0	1.2	ug/Kg	12/19/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	6.0	1.2	ug/Kg	12/19/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	12	11	ug/Kg	12/19/14	JLI	SW8260
Trichloroethene	510	280	59	ug/Kg	12/19/14	JLI	SW8260
Trichlorofluoromethane	ND	6.0	1.3	ug/Kg	12/19/14	JLI	SW8260
Trichlorotrifluoroethane	ND	6.0	0.94	ug/Kg	12/19/14	JLI	SW8260
Vinyl chloride	ND	6.0	1.9	ug/Kg	12/19/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	113			%	12/19/14	JLI	70 - 121 %
% Bromofluorobenzene	78			%	12/19/14	JLI	59 - 113 %
% Dibromofluoromethane	100			%	12/19/14	JLI	70 - 130 %
% Toluene-d8	91			%	12/19/14	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
1,3-Dichlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
1,4-Dichlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	12/19/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
2,4-Dichlorophenol	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
2,4-Dimethylphenol	ND	250	90	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrophenol	ND	1800	250	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	12/19/14	DD	SW 8270
2-Nitroaniline	ND	1800	370	ug/Kg	12/19/14	DD	SW 8270
2-Nitrophenol	ND	250	230	ug/Kg	12/19/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	730	170	ug/Kg	12/19/14	DD	SW 8270
3-Nitroaniline	ND	1800	790	ug/Kg	12/19/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	12/19/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
4-Chloroaniline	ND	730	170	ug/Kg	12/19/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
4-Nitroaniline	ND	1800	120	ug/Kg	12/19/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	1800	160	ug/Kg	12/19/14	DD	SW 8270
Acenaphthene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Acenaphthylene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Aniline	ND	1800	730	ug/Kg	12/19/14	DD	SW 8270
Anthracene	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
Benz(a)anthracene	220	J 250	120	ug/Kg	12/19/14	DD	SW 8270
Benzdine	ND	730	210	ug/Kg	12/19/14	DD	SW 8270
Benzo(a)pyrene	230	J 250	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(b)fluoranthene	290	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(ghi)perylene	150	J 250	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(k)fluoranthene	130	J 250	120	ug/Kg	12/19/14	DD	SW 8270
Benzoic acid	ND	1800	730	ug/Kg	12/19/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	250	94	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	98	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	12/19/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Carbazole	ND	1800	280	ug/Kg	12/19/14	DD	SW 8270
Chrysene	250	J 250	120	ug/Kg	12/19/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
Dibenzofuran	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Di-n-butylphthalate	ND	250	97	ug/Kg	12/19/14	DD	SW 8270
Di-n-octylphthalate	ND	250	94	ug/Kg	12/19/14	DD	SW 8270
Fluoranthene	470	250	120	ug/Kg	12/19/14	DD	SW 8270
Fluorene	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	140	J 250	120	ug/Kg	12/19/14	DD	SW 8270
Isophorone	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Naphthalene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Nitrobenzene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodimethylamine	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
Pentachloronitrobenzene	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
Pentachlorophenol	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
Phenanthrene	300	250	100	ug/Kg	12/19/14	DD	SW 8270
Phenol	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
Pyrene	450	250	120	ug/Kg	12/19/14	DD	SW 8270
Pyridine	ND	250	89	ug/Kg	12/19/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	75			%	12/19/14	DD	19 - 122 %
% 2-Fluorobiphenyl	79			%	12/19/14	DD	30 - 115 %
% 2-Fluorophenol	60			%	12/19/14	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	78			%	12/19/14	DD	23 - 120 %
% Phenol-d5	67			%	12/19/14	DD	24 - 113 %
% Terphenyl-d14	96			%	12/19/14	DD	18 - 137 %

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, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

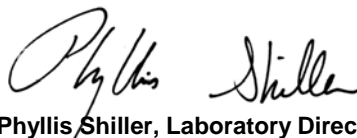
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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.

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Phyllis Shiller, Laboratory Director

January 15, 2015

Reviewed and Released by: Tina Covensky



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

Analysis Report
 January 15, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

12/17/14
 12/18/14

Time

9:30
 17:28

Laboratory Data

SDG ID: GBH55363
 Phoenix ID: BH55364

Project ID: 39-40 30TH ST., QUEENS
 Client ID: B10 13-15

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.39	0.39	0.39	mg/Kg	12/19/14	LK	SW6010
Aluminum	12800	39	7.8	mg/Kg	12/19/14	LK	SW6010
Arsenic	2.3	0.8	0.78	mg/Kg	12/19/14	LK	SW6010
Barium	34.7	0.8	0.39	mg/Kg	12/19/14	LK	SW6010
Beryllium	0.46	0.31	0.16	mg/Kg	12/19/14	LK	SW6010
Calcium	1240	* 3.9	3.6	mg/Kg	12/19/14	LK	SW6010
Cadmium	< 0.39	0.39	0.16	mg/Kg	12/19/14	LK	SW6010
Cobalt	7.61	0.39	0.39	mg/Kg	12/19/14	LK	SW6010
Chromium	22.7	0.39	0.39	mg/Kg	12/19/14	LK	SW6010
Copper	15.4	0.39	0.39	mg/kg	12/19/14	LK	SW6010
Iron	18400	39	39	mg/Kg	12/19/14	LK	SW6010
Mercury	< 0.07	0.07	0.04	mg/Kg	12/19/14	RS	SW-7471
Potassium	808	N 8	3.0	mg/Kg	12/19/14	LK	SW6010
Magnesium	3000	3.9	3.9	mg/Kg	12/19/14	LK	SW6010
Manganese	363	N* 3.9	3.9	mg/Kg	12/19/14	LK	SW6010
Sodium	115	N 8	3.4	mg/Kg	12/19/14	LK	SW6010
Nickel	15.5	0.39	0.39	mg/Kg	12/19/14	LK	SW6010
Lead	5.1	0.8	0.39	mg/Kg	12/19/14	LK	SW6010
Antimony	< 2.0	N 2.0	2.0	mg/Kg	12/19/14	LK	SW6010
Selenium	< 1.6	1.6	1.3	mg/Kg	12/19/14	LK	SW6010
Thallium	< 1.6	1.6	1.6	mg/Kg	12/19/14	LK	SW6010
Vanadium	30.1	0.4	0.39	mg/Kg	12/19/14	LK	SW6010
Zinc	28.1	0.8	0.39	mg/Kg	12/19/14	LK	SW6010
Percent Solid	89			%	12/18/14	I	SW846
Soil Extraction for PCB	Completed				12/18/14	BC/H	SW3545
Soil Extraction for Pesticide	Completed				12/18/14	BC	SW3545
Soil Extraction for SVOA	Completed				12/18/14	BJ/VH	SW3545
Mercury Digestion	Completed				12/19/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				12/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				12/17/14		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	37	37	ug/Kg	12/19/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	12/19/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	12/19/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	12/19/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	12/19/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	12/19/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	12/19/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	12/19/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	12/19/14	AW	SW 8082

QA/QC Surrogates

% DCBP	90			%	12/19/14	AW	30 - 150 %
% TCMX	90			%	12/19/14	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	12/22/14	CE	SW8081
4,4' -DDE	ND	2.2	2.2	ug/Kg	12/22/14	CE	SW8081
4,4' -DDT	ND	2.2	2.2	ug/Kg	12/22/14	CE	SW8081
a-BHC	ND	7.5	7.5	ug/Kg	12/22/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	12/22/14	CE	SW8081
Aldrin	ND	3.7	3.7	ug/Kg	12/22/14	CE	SW8081
b-BHC	ND	7.5	7.5	ug/Kg	12/22/14	CE	SW8081
d-BHC	ND	7.5	7.5	ug/Kg	12/22/14	CE	SW8081
Dieldrin	ND	3.7	3.7	ug/Kg	12/22/14	CE	SW8081
Endosulfan I	ND	7.5	7.5	ug/Kg	12/22/14	CE	SW8081
Endosulfan II	ND	7.5	7.5	ug/Kg	12/22/14	CE	SW8081
Endosulfan sulfate	ND	7.5	7.5	ug/Kg	12/22/14	CE	SW8081
Endrin	ND	7.5	7.5	ug/Kg	12/22/14	CE	SW8081
Endrin aldehyde	ND	7.5	7.5	ug/Kg	12/22/14	CE	SW8081
Endrin ketone	ND	7.5	7.5	ug/Kg	12/22/14	CE	SW8081
g-BHC	ND	1.5	1.5	ug/Kg	12/22/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	12/22/14	CE	SW8081
Heptachlor	ND	7.5	7.5	ug/Kg	12/22/14	CE	SW8081
Heptachlor epoxide	ND	7.5	7.5	ug/Kg	12/22/14	CE	SW8081
Methoxychlor	ND	37	37	ug/Kg	12/22/14	CE	SW8081
Toxaphene	ND	150	150	ug/Kg	12/22/14	CE	SW8081

QA/QC Surrogates

% DCBP	93			%	12/22/14	CE	30 - 150 %
% TCMX	92			%	12/22/14	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.8	0.62	ug/Kg	12/19/14	JLI	SW8260
1,1,1-Trichloroethane	ND	3.8	0.75	ug/Kg	12/19/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	3.8	0.53	ug/Kg	12/19/14	JLI	SW8260
1,1,2-Trichloroethane	ND	3.8	0.37	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethane	ND	3.8	0.75	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethene	ND	3.8	0.82	ug/Kg	12/19/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	3.8	0.73	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	3.8	0.75	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichloropropane	ND	3.8	0.53	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	3.8	0.75	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	3.8	0.54	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	3.8	1.0	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromoethane	ND	3.8	1.0	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichlorobenzene	ND	3.8	0.41	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloroethane	ND	3.8	0.33	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloropropane	ND	3.8	0.53	ug/Kg	12/19/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	3.8	0.50	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichlorobenzene	ND	3.8	0.56	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichloropropane	ND	3.8	0.40	ug/Kg	12/19/14	JLI	SW8260
1,4-Dichlorobenzene	ND	3.8	0.59	ug/Kg	12/19/14	JLI	SW8260
2,2-Dichloropropane	ND	3.8	0.63	ug/Kg	12/19/14	JLI	SW8260
2-Chlorotoluene	ND	3.8	0.60	ug/Kg	12/19/14	JLI	SW8260
2-Hexanone	ND	19	1.7	ug/Kg	12/19/14	JLI	SW8260
2-Isopropyltoluene	ND	3.8	0.52	ug/Kg	12/19/14	JLI	SW8260
4-Chlorotoluene	ND	3.8	0.44	ug/Kg	12/19/14	JLI	SW8260
4-Methyl-2-pentanone	ND	19	0.90	ug/Kg	12/19/14	JLI	SW8260
Acetone	ND	38	3.7	ug/Kg	12/19/14	JLI	SW8260
Acrylonitrile	ND	7.5	2.1	ug/Kg	12/19/14	JLI	SW8260
Benzene	ND	3.8	0.75	ug/Kg	12/19/14	JLI	SW8260
Bromobenzene	ND	3.8	0.49	ug/Kg	12/19/14	JLI	SW8260
Bromochloromethane	ND	3.8	0.55	ug/Kg	12/19/14	JLI	SW8260
Bromodichloromethane	ND	3.8	0.47	ug/Kg	12/19/14	JLI	SW8260
Bromoform	ND	3.8	0.53	ug/Kg	12/19/14	JLI	SW8260
Bromomethane	ND	3.8	2.9	ug/Kg	12/19/14	JLI	SW8260
Carbon Disulfide	ND	3.8	0.61	ug/Kg	12/19/14	JLI	SW8260
Carbon tetrachloride	ND	3.8	0.44	ug/Kg	12/19/14	JLI	SW8260
Chlorobenzene	ND	3.8	0.56	ug/Kg	12/19/14	JLI	SW8260
Chloroethane	ND	3.8	0.88	ug/Kg	12/19/14	JLI	SW8260
Chloroform	ND	3.8	0.69	ug/Kg	12/19/14	JLI	SW8260
Chloromethane	ND	3.8	2.0	ug/Kg	12/19/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	3.8	0.82	ug/Kg	12/19/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	3.8	0.41	ug/Kg	12/19/14	JLI	SW8260
Dibromochloromethane	ND	3.8	0.42	ug/Kg	12/19/14	JLI	SW8260
Dibromomethane	ND	3.8	0.47	ug/Kg	12/19/14	JLI	SW8260
Dichlorodifluoromethane	ND	3.8	1.0	ug/Kg	12/19/14	JLI	SW8260
Ethylbenzene	ND	3.8	0.69	ug/Kg	12/19/14	JLI	SW8260
Hexachlorobutadiene	ND	3.8	0.79	ug/Kg	12/19/14	JLI	SW8260
Isopropylbenzene	ND	3.8	0.72	ug/Kg	12/19/14	JLI	SW8260
m&p-Xylene	ND	3.8	1.5	ug/Kg	12/19/14	JLI	SW8260
Methyl Ethyl Ketone	ND	23	3.3	ug/Kg	12/19/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	7.5	1.0	ug/Kg	12/19/14	JLI	SW8260
Methylene chloride	2.0	JBS	3.8	0.62	ug/Kg	JLI	SW8260
Naphthalene	ND	3.8	1.0	ug/Kg	12/19/14	JLI	SW8260
n-Butylbenzene	ND	3.8	0.69	ug/Kg	12/19/14	JLI	SW8260
n-Propylbenzene	ND	3.8	0.68	ug/Kg	12/19/14	JLI	SW8260

1

B

B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	3.8	1.4	ug/Kg	12/19/14	JLI	SW8260
p-Isopropyltoluene	ND	3.8	0.54	ug/Kg	12/19/14	JLI	SW8260
sec-Butylbenzene	ND	3.8	0.71	ug/Kg	12/19/14	JLI	SW8260
Styrene	ND	3.8	1.1	ug/Kg	12/19/14	JLI	SW8260
tert-Butylbenzene	ND	3.8	0.60	ug/Kg	12/19/14	JLI	SW8260
Tetrachloroethene	ND	3.8	0.79	ug/Kg	12/19/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	7.5	3.4	ug/Kg	12/19/14	JLI	SW8260
Toluene	1.1	J 3.8	0.59	ug/Kg	12/19/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	3.8	0.75	ug/Kg	12/19/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	3.8	0.77	ug/Kg	12/19/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	7.5	7.0	ug/Kg	12/19/14	JLI	SW8260
Trichloroethene	ND	3.8	0.80	ug/Kg	12/19/14	JLI	SW8260
Trichlorofluoromethane	ND	3.8	0.84	ug/Kg	12/19/14	JLI	SW8260
Trichlorotrifluoroethane	ND	3.8	0.59	ug/Kg	12/19/14	JLI	SW8260
Vinyl chloride	ND	3.8	1.2	ug/Kg	12/19/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	96			%	12/19/14	JLI	70 - 121 %
% Bromofluorobenzene	98			%	12/19/14	JLI	59 - 113 %
% Dibromofluoromethane	98			%	12/19/14	JLI	70 - 130 %
% Toluene-d8	93			%	12/19/14	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	12/19/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	12/19/14	DD	SW 8270
1,2-Dichlorobenzene	ND	260	100	ug/Kg	12/19/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	12/19/14	DD	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	12/19/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	12/19/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	12/19/14	DD	SW 8270
2,4-Dimethylphenol	ND	260	91	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrophenol	ND	1800	260	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrotoluene	ND	260	140	ug/Kg	12/19/14	DD	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
2-Chloronaphthalene	ND	260	100	ug/Kg	12/19/14	DD	SW 8270
2-Chlorophenol	ND	260	100	ug/Kg	12/19/14	DD	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	12/19/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	12/19/14	DD	SW 8270
2-Nitroaniline	ND	1800	370	ug/Kg	12/19/14	DD	SW 8270
2-Nitrophenol	ND	260	230	ug/Kg	12/19/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	140	ug/Kg	12/19/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	730	170	ug/Kg	12/19/14	DD	SW 8270
3-Nitroaniline	ND	1800	800	ug/Kg	12/19/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	400	ug/Kg	12/19/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	12/19/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	12/19/14	DD	SW 8270
4-Chloroaniline	ND	730	170	ug/Kg	12/19/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
4-Nitroaniline	ND	1800	120	ug/Kg	12/19/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	1800	170	ug/Kg	12/19/14	DD	SW 8270
Acenaphthene	ND	260	110	ug/Kg	12/19/14	DD	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	12/19/14	DD	SW 8270
Acetophenone	ND	260	110	ug/Kg	12/19/14	DD	SW 8270
Aniline	ND	1800	740	ug/Kg	12/19/14	DD	SW 8270
Anthracene	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
Benz(a)anthracene	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
Benzdine	ND	730	220	ug/Kg	12/19/14	DD	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(b)fluoranthene	ND	260	130	ug/Kg	12/19/14	DD	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(k)fluoranthene	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
Benzoic acid	ND	1800	730	ug/Kg	12/19/14	DD	SW 8270
Benzyl butyl phthalate	ND	260	95	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	260	99	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	12/19/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	12/19/14	DD	SW 8270
Carbazole	ND	1800	280	ug/Kg	12/19/14	DD	SW 8270
Chrysene	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	12/19/14	DD	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
Dimethylphthalate	ND	260	110	ug/Kg	12/19/14	DD	SW 8270
Di-n-butylphthalate	ND	260	98	ug/Kg	12/19/14	DD	SW 8270
Di-n-octylphthalate	ND	260	95	ug/Kg	12/19/14	DD	SW 8270
Fluoranthene	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
Fluorene	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobutadiene	ND	260	130	ug/Kg	12/19/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	12/19/14	DD	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	12/19/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
Isophorone	ND	260	100	ug/Kg	12/19/14	DD	SW 8270
Naphthalene	ND	260	110	ug/Kg	12/19/14	DD	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodimethylamine	ND	260	100	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	12/19/14	DD	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	12/19/14	DD	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	12/19/14	DD	SW 8270
Phenanthrene	ND	260	110	ug/Kg	12/19/14	DD	SW 8270
Phenol	ND	260	120	ug/Kg	12/19/14	DD	SW 8270
Pyrene	ND	260	130	ug/Kg	12/19/14	DD	SW 8270
Pyridine	ND	260	90	ug/Kg	12/19/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	80			%	12/19/14	DD	19 - 122 %
% 2-Fluorobiphenyl	76			%	12/19/14	DD	30 - 115 %
% 2-Fluorophenol	60			%	12/19/14	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	75			%	12/19/14	DD	23 - 120 %
% Phenol-d5	66			%	12/19/14	DD	24 - 113 %
% Terphenyl-d14	96			%	12/19/14	DD	18 - 137 %

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, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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.

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Phyllis Shiller, Laboratory Director

January 15, 2015

Reviewed and Released by: Tina Covensky



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

Analysis Report
 January 15, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

12/17/14
 12/18/14

Time

10:00
 17:28

Laboratory Data

SDG ID: GBH55363
 Phoenix ID: BH55365

Project ID: 39-40 30TH ST., QUEENS
 Client ID: B11 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34	0.34	0.34	mg/Kg	12/19/14	LK	SW6010
Aluminum	8500	34	6.9	mg/Kg	12/19/14	LK	SW6010
Arsenic	2.9	0.7	0.69	mg/Kg	12/19/14	LK	SW6010
Barium	67.0	0.7	0.34	mg/Kg	12/19/14	LK	SW6010
Beryllium	0.41	0.28	0.14	mg/Kg	12/19/14	LK	SW6010
Calcium	6010	* 3.4	3.2	mg/Kg	12/19/14	LK	SW6010
Cadmium	< 0.34	0.34	0.14	mg/Kg	12/19/14	LK	SW6010
Cobalt	7.10	0.34	0.34	mg/Kg	12/19/14	LK	SW6010
Chromium	16.9	0.34	0.34	mg/Kg	12/19/14	LK	SW6010
Copper	28.5	0.34	0.34	mg/kg	12/19/14	LK	SW6010
Iron	13500	34	34	mg/Kg	12/19/14	LK	SW6010
Mercury	0.37	0.07	0.04	mg/Kg	12/19/14	RS	SW-7471
Potassium	1220	N 7	2.7	mg/Kg	12/19/14	LK	SW6010
Magnesium	3210	3.4	3.4	mg/Kg	12/19/14	LK	SW6010
Manganese	343	N* 3.4	3.4	mg/Kg	12/19/14	LK	SW6010
Sodium	462	N 7	3.0	mg/Kg	12/19/14	LK	SW6010
Nickel	13.6	0.34	0.34	mg/Kg	12/19/14	LK	SW6010
Lead	90.4	0.7	0.34	mg/Kg	12/19/14	LK	SW6010
Antimony	< 1.7	N 1.7	1.7	mg/Kg	12/19/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	12/19/14	LK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	12/19/14	LK	SW6010
Vanadium	21.8	0.3	0.34	mg/Kg	12/19/14	LK	SW6010
Zinc	54.5	0.7	0.34	mg/Kg	12/19/14	LK	SW6010
Percent Solid	92			%	12/18/14	I	SW846
Soil Extraction for PCB	Completed				12/18/14	BC/H	SW3545
Soil Extraction for Pesticide	Completed				12/18/14	BC	SW3545
Soil Extraction for SVOA	Completed				12/18/14	BJ/VH	SW3545
Mercury Digestion	Completed				12/19/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				12/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				12/17/14		SW5035
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	82			%	12/19/14	AW	30 - 150 %
% TCMX	84			%	12/19/14	AW	30 - 150 %
<u>Pesticides - Soil</u>							
4,4' -DDD	ND	2.1	2.1	ug/Kg	12/22/14	CE	SW8081
4,4' -DDE	ND	2.1	2.1	ug/Kg	12/22/14	CE	SW8081
4,4' -DDT	ND	2.1	2.1	ug/Kg	12/22/14	CE	SW8081
a-BHC	ND	7.2	7.2	ug/Kg	12/22/14	CE	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	12/22/14	CE	SW8081
Aldrin	ND	3.6	3.6	ug/Kg	12/22/14	CE	SW8081
b-BHC	ND	7.2	7.2	ug/Kg	12/22/14	CE	SW8081
d-BHC	ND	7.2	7.2	ug/Kg	12/22/14	CE	SW8081
Dieldrin	ND	3.6	3.6	ug/Kg	12/22/14	CE	SW8081
Endosulfan I	ND	7.2	7.2	ug/Kg	12/22/14	CE	SW8081
Endosulfan II	ND	7.2	7.2	ug/Kg	12/22/14	CE	SW8081
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	12/22/14	CE	SW8081
Endrin	ND	7.2	7.2	ug/Kg	12/22/14	CE	SW8081
Endrin aldehyde	ND	7.2	7.2	ug/Kg	12/22/14	CE	SW8081
Endrin ketone	ND	7.2	7.2	ug/Kg	12/22/14	CE	SW8081
g-BHC	ND	1.4	1.4	ug/Kg	12/22/14	CE	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	12/22/14	CE	SW8081
Heptachlor	ND	7.2	7.2	ug/Kg	12/22/14	CE	SW8081
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	12/22/14	CE	SW8081
Methoxychlor	ND	36	36	ug/Kg	12/22/14	CE	SW8081
Toxaphene	ND	140	140	ug/Kg	12/22/14	CE	SW8081
<u>QA/QC Surrogates</u>							
% DCBP	90			%	12/22/14	CE	30 - 150 %
% TCMX	88			%	12/22/14	CE	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	3.9	0.64	ug/Kg	12/19/14	JLI	SW8260
1,1,1-Trichloroethane	ND	3.9	0.78	ug/Kg	12/19/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	3.9	0.56	ug/Kg	12/19/14	JLI	SW8260
1,1,2-Trichloroethane	ND	3.9	0.38	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethane	ND	3.9	0.77	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethene	ND	3.9	0.85	ug/Kg	12/19/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	3.9	0.76	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	3.9	0.78	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichloropropane	ND	3.9	0.56	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	3.9	0.78	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trimethylbenzene	3.5	J 3.9	0.56	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	3.9	1.0	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromoethane	ND	3.9	1.0	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichlorobenzene	ND	3.9	0.43	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloroethane	ND	3.9	0.34	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloropropane	ND	3.9	0.56	ug/Kg	12/19/14	JLI	SW8260
1,3,5-Trimethylbenzene	1.1	J 3.9	0.52	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichlorobenzene	ND	3.9	0.58	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichloropropane	ND	3.9	0.41	ug/Kg	12/19/14	JLI	SW8260
1,4-Dichlorobenzene	ND	3.9	0.62	ug/Kg	12/19/14	JLI	SW8260
2,2-Dichloropropane	ND	3.9	0.66	ug/Kg	12/19/14	JLI	SW8260
2-Chlorotoluene	ND	3.9	0.63	ug/Kg	12/19/14	JLI	SW8260
2-Hexanone	ND	20	1.8	ug/Kg	12/19/14	JLI	SW8260
2-Isopropyltoluene	ND	3.9	0.54	ug/Kg	12/19/14	JLI	SW8260
4-Chlorotoluene	ND	3.9	0.45	ug/Kg	12/19/14	JLI	SW8260
4-Methyl-2-pentanone	ND	20	0.93	ug/Kg	12/19/14	JLI	SW8260
Acetone	12	JBS 39	3.9	ug/Kg	12/19/14	JLI	SW8260
Acrylonitrile	ND	7.8	2.2	ug/Kg	12/19/14	JLI	SW8260
Benzene	ND	3.9	0.77	ug/Kg	12/19/14	JLI	SW8260
Bromobenzene	ND	3.9	0.51	ug/Kg	12/19/14	JLI	SW8260
Bromochloromethane	ND	3.9	0.57	ug/Kg	12/19/14	JLI	SW8260
Bromodichloromethane	ND	3.9	0.49	ug/Kg	12/19/14	JLI	SW8260
Bromoform	ND	3.9	0.55	ug/Kg	12/19/14	JLI	SW8260
Bromomethane	ND	3.9	3.0	ug/Kg	12/19/14	JLI	SW8260
Carbon Disulfide	ND	3.9	0.63	ug/Kg	12/19/14	JLI	SW8260
Carbon tetrachloride	ND	3.9	0.45	ug/Kg	12/19/14	JLI	SW8260
Chlorobenzene	ND	3.9	0.58	ug/Kg	12/19/14	JLI	SW8260
Chloroethane	ND	3.9	0.92	ug/Kg	12/19/14	JLI	SW8260
Chloroform	ND	3.9	0.71	ug/Kg	12/19/14	JLI	SW8260
Chloromethane	ND	3.9	2.1	ug/Kg	12/19/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	3.9	0.85	ug/Kg	12/19/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	3.9	0.42	ug/Kg	12/19/14	JLI	SW8260
Dibromochloromethane	ND	3.9	0.44	ug/Kg	12/19/14	JLI	SW8260
Dibromomethane	ND	3.9	0.49	ug/Kg	12/19/14	JLI	SW8260
Dichlorodifluoromethane	ND	3.9	1.0	ug/Kg	12/19/14	JLI	SW8260
Ethylbenzene	ND	3.9	0.71	ug/Kg	12/19/14	JLI	SW8260
Hexachlorobutadiene	ND	3.9	0.82	ug/Kg	12/19/14	JLI	SW8260
Isopropylbenzene	ND	3.9	0.75	ug/Kg	12/19/14	JLI	SW8260
m&p-Xylene	2.6	J 3.9	1.5	ug/Kg	12/19/14	JLI	SW8260
Methyl Ethyl Ketone	ND	23	3.4	ug/Kg	12/19/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	7.8	1.1	ug/Kg	12/19/14	JLI	SW8260
Methylene chloride	1.5	JBS 3.9	0.64	ug/Kg	12/19/14	JLI	SW8260
Naphthalene	1.6	J 3.9	1.0	ug/Kg	12/19/14	JLI	SW8260
n-Butylbenzene	ND	3.9	0.71	ug/Kg	12/19/14	JLI	SW8260
n-Propylbenzene	ND	3.9	0.70	ug/Kg	12/19/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	3.9	1.5	ug/Kg	12/19/14	JLI	SW8260
p-Isopropyltoluene	ND	3.9	0.56	ug/Kg	12/19/14	JLI	SW8260
sec-Butylbenzene	ND	3.9	0.74	ug/Kg	12/19/14	JLI	SW8260
Styrene	ND	3.9	1.1	ug/Kg	12/19/14	JLI	SW8260
tert-Butylbenzene	ND	3.9	0.63	ug/Kg	12/19/14	JLI	SW8260
Tetrachloroethene	80	J 270	57	ug/Kg	12/19/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	7.8	3.5	ug/Kg	12/19/14	JLI	SW8260
Toluene	62	J 270	43	ug/Kg	12/19/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	3.9	0.78	ug/Kg	12/19/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	3.9	0.80	ug/Kg	12/19/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	7.8	7.3	ug/Kg	12/19/14	JLI	SW8260
Trichloroethene	2000	270	57	ug/Kg	12/19/14	JLI	SW8260
Trichlorofluoromethane	ND	3.9	0.87	ug/Kg	12/19/14	JLI	SW8260
Trichlorotrifluoroethane	ND	3.9	0.61	ug/Kg	12/19/14	JLI	SW8260
Vinyl chloride	ND	3.9	1.3	ug/Kg	12/19/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	98			%	12/19/14	JLI	70 - 121 %
% Bromofluorobenzene	94			%	12/19/14	JLI	59 - 113 %
% Dibromofluoromethane	103			%	12/19/14	JLI	70 - 130 %
% Toluene-d8	98			%	12/19/14	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
1,3-Dichlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
1,4-Dichlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	12/19/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2,4-Dichlorophenol	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
2,4-Dimethylphenol	ND	250	88	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrophenol	ND	1800	250	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	12/19/14	DD	SW 8270
2-Nitroaniline	ND	1800	360	ug/Kg	12/19/14	DD	SW 8270
2-Nitrophenol	ND	250	230	ug/Kg	12/19/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	710	170	ug/Kg	12/19/14	DD	SW 8270
3-Nitroaniline	ND	1800	780	ug/Kg	12/19/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	12/19/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
4-Chloroaniline	ND	710	170	ug/Kg	12/19/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
4-Nitroaniline	ND	1800	120	ug/Kg	12/19/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	1800	160	ug/Kg	12/19/14	DD	SW 8270
Acenaphthene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Acenaphthylene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Aniline	ND	1800	720	ug/Kg	12/19/14	DD	SW 8270
Anthracene	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
Benz(a)anthracene	290	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzdine	ND	710	210	ug/Kg	12/19/14	DD	SW 8270
Benzo(a)pyrene	320	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(b)fluoranthene	430	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(ghi)perylene	190	J 250	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(k)fluoranthene	160	J 250	120	ug/Kg	12/19/14	DD	SW 8270
Benzoic acid	ND	1800	710	ug/Kg	12/19/14	DD	SW 8270
Benzyl butyl phthalate	4400	250	92	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	98	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	96	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	12/19/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Carbazole	ND	1800	270	ug/Kg	12/19/14	DD	SW 8270
Chrysene	380	250	120	ug/Kg	12/19/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
Dibenzofuran	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Di-n-butylphthalate	ND	250	95	ug/Kg	12/19/14	DD	SW 8270
Di-n-octylphthalate	ND	250	92	ug/Kg	12/19/14	DD	SW 8270
Fluoranthene	790	250	120	ug/Kg	12/19/14	DD	SW 8270
Fluorene	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobenzene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	180	J 250	120	ug/Kg	12/19/14	DD	SW 8270
Isophorone	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Naphthalene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Nitrobenzene	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodimethylamine	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
Pentachlorophenol	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
Phenanthrene	510	250	100	ug/Kg	12/19/14	DD	SW 8270
Phenol	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Pyrene	750	250	120	ug/Kg	12/19/14	DD	SW 8270
Pyridine	ND	250	88	ug/Kg	12/19/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	79			%	12/19/14	DD	19 - 122 %
% 2-Fluorobiphenyl	80			%	12/19/14	DD	30 - 115 %
% 2-Fluorophenol	63			%	12/19/14	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	78			%	12/19/14	DD	23 - 120 %
% Phenol-d5	67			%	12/19/14	DD	24 - 113 %
% Terphenyl-d14	100			%	12/19/14	DD	18 - 137 %

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, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

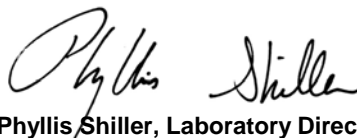
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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.

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Phyllis Shiller, Laboratory Director

January 15, 2015

Reviewed and Released by: Tina Covensky



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



Analysis Report

January 15, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

12/17/14
 12/18/14

Time

10:30
 17:28

Laboratory Data

SDG ID: GBH55363
 Phoenix ID: BH55366

Project ID: 39-40 30TH ST., QUEENS
 Client ID: B11 13-15

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.33	0.33	0.33	mg/Kg	12/19/14	LK	SW6010
Aluminum	3580	33	6.7	mg/Kg	12/19/14	LK	SW6010
Arsenic	< 0.7	0.7	0.67	mg/Kg	12/19/14	LK	SW6010
Barium	23.9	0.7	0.33	mg/Kg	12/19/14	LK	SW6010
Beryllium	0.16	B 0.27	0.13	mg/Kg	12/19/14	LK	SW6010
Calcium	1020	* 3.3	3.1	mg/Kg	12/19/14	LK	SW6010
Cadmium	< 0.33	0.33	0.13	mg/Kg	12/19/14	LK	SW6010
Cobalt	4.60	0.33	0.33	mg/Kg	12/19/14	LK	SW6010
Chromium	9.93	0.33	0.33	mg/Kg	12/19/14	LK	SW6010
Copper	13.0	0.33	0.33	mg/kg	12/19/14	LK	SW6010
Iron	7600	33	33	mg/Kg	12/19/14	LK	SW6010
Mercury	< 0.06	0.06	0.04	mg/Kg	12/19/14	RS	SW-7471
Potassium	444	N 7	2.6	mg/Kg	12/19/14	LK	SW6010
Magnesium	1770	3.3	3.3	mg/Kg	12/19/14	LK	SW6010
Manganese	248	N* 3.3	3.3	mg/Kg	12/19/14	LK	SW6010
Sodium	98	N 7	2.9	mg/Kg	12/19/14	LK	SW6010
Nickel	9.86	0.33	0.33	mg/Kg	12/19/14	LK	SW6010
Lead	2.5	0.7	0.33	mg/Kg	12/19/14	LK	SW6010
Antimony	< 1.7	N 1.7	1.7	mg/Kg	12/19/14	LK	SW6010
Selenium	< 1.3	1.3	1.1	mg/Kg	12/19/14	LK	SW6010
Thallium	< 1.3	1.3	1.3	mg/Kg	12/19/14	LK	SW6010
Vanadium	12.5	0.3	0.33	mg/Kg	12/19/14	LK	SW6010
Zinc	16.1	0.7	0.33	mg/Kg	12/19/14	LK	SW6010
Percent Solid	97			%	12/18/14	I	SW846
Soil Extraction for PCB	Completed				12/18/14	BC/H	SW3545
Soil Extraction for Pesticide	Completed				12/18/14	BC	SW3545
Soil Extraction for SVOA	Completed				12/18/14	BJ/VH	SW3545
Mercury Digestion	Completed				12/19/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				12/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				12/17/14		SW5035
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
PCB-1221	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
PCB-1232	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
PCB-1242	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
PCB-1248	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
PCB-1254	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
PCB-1260	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
PCB-1262	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
PCB-1268	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	89			%	12/19/14	AW	30 - 150 %
% TCMX	87			%	12/19/14	AW	30 - 150 %
<u>Pesticides - Soil</u>							
4,4' -DDD	ND	2.0	2.0	ug/Kg	12/22/14	CE	SW8081
4,4' -DDE	ND	2.0	2.0	ug/Kg	12/22/14	CE	SW8081
4,4' -DDT	ND	2.0	2.0	ug/Kg	12/22/14	CE	SW8081
a-BHC	ND	6.7	6.7	ug/Kg	12/22/14	CE	SW8081
a-Chlordane	ND	3.4	3.4	ug/Kg	12/22/14	CE	SW8081
Aldrin	ND	3.4	3.4	ug/Kg	12/22/14	CE	SW8081
b-BHC	ND	6.7	6.7	ug/Kg	12/22/14	CE	SW8081
d-BHC	ND	6.7	6.7	ug/Kg	12/22/14	CE	SW8081
Dieldrin	ND	3.4	3.4	ug/Kg	12/22/14	CE	SW8081
Endosulfan I	ND	6.7	6.7	ug/Kg	12/22/14	CE	SW8081
Endosulfan II	ND	6.7	6.7	ug/Kg	12/22/14	CE	SW8081
Endosulfan sulfate	ND	6.7	6.7	ug/Kg	12/22/14	CE	SW8081
Endrin	ND	6.7	6.7	ug/Kg	12/22/14	CE	SW8081
Endrin aldehyde	ND	6.7	6.7	ug/Kg	12/22/14	CE	SW8081
Endrin ketone	ND	6.7	6.7	ug/Kg	12/22/14	CE	SW8081
g-BHC	ND	1.3	1.3	ug/Kg	12/22/14	CE	SW8081
g-Chlordane	ND	3.4	3.4	ug/Kg	12/22/14	CE	SW8081
Heptachlor	ND	6.7	6.7	ug/Kg	12/22/14	CE	SW8081
Heptachlor epoxide	ND	6.7	6.7	ug/Kg	12/22/14	CE	SW8081
Methoxychlor	ND	34	34	ug/Kg	12/22/14	CE	SW8081
Toxaphene	ND	130	130	ug/Kg	12/22/14	CE	SW8081
<u>QA/QC Surrogates</u>							
% DCBP	99			%	12/22/14	CE	30 - 150 %
% TCMX	93			%	12/22/14	CE	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	4.2	0.68	ug/Kg	12/19/14	J/P	SW8260
1,1,1-Trichloroethane	ND	4.2	0.84	ug/Kg	12/19/14	J/P	SW8260
1,1,2,2-Tetrachloroethane	ND	4.2	0.59	ug/Kg	12/19/14	J/P	SW8260
1,1,2-Trichloroethane	ND	4.2	0.41	ug/Kg	12/19/14	J/P	SW8260
1,1-Dichloroethane	ND	4.2	0.83	ug/Kg	12/19/14	J/P	SW8260
1,1-Dichloroethene	ND	4.2	0.91	ug/Kg	12/19/14	J/P	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	4.2	0.81	ug/Kg	12/19/14	J/P	SW8260
1,2,3-Trichlorobenzene	ND	4.2	0.84	ug/Kg	12/19/14	J/P	SW8260
1,2,3-Trichloropropane	ND	4.2	0.59	ug/Kg	12/19/14	J/P	SW8260
1,2,4-Trichlorobenzene	ND	4.2	0.84	ug/Kg	12/19/14	J/P	SW8260
1,2,4-Trimethylbenzene	ND	4.2	0.60	ug/Kg	12/19/14	J/P	SW8260
1,2-Dibromo-3-chloropropane	ND	4.2	1.1	ug/Kg	12/19/14	J/P	SW8260
1,2-Dibromoethane	ND	4.2	1.1	ug/Kg	12/19/14	J/P	SW8260
1,2-Dichlorobenzene	ND	4.2	0.46	ug/Kg	12/19/14	J/P	SW8260
1,2-Dichloroethane	ND	4.2	0.37	ug/Kg	12/19/14	J/P	SW8260
1,2-Dichloropropane	ND	4.2	0.59	ug/Kg	12/19/14	J/P	SW8260
1,3,5-Trimethylbenzene	ND	4.2	0.55	ug/Kg	12/19/14	J/P	SW8260
1,3-Dichlorobenzene	ND	4.2	0.62	ug/Kg	12/19/14	J/P	SW8260
1,3-Dichloropropane	ND	4.2	0.44	ug/Kg	12/19/14	J/P	SW8260
1,4-Dichlorobenzene	ND	4.2	0.66	ug/Kg	12/19/14	J/P	SW8260
2,2-Dichloropropane	ND	4.2	0.70	ug/Kg	12/19/14	J/P	SW8260
2-Chlorotoluene	ND	4.2	0.67	ug/Kg	12/19/14	J/P	SW8260
2-Hexanone	ND	21	1.9	ug/Kg	12/19/14	J/P	SW8260
2-Isopropyltoluene	ND	4.2	0.58	ug/Kg	12/19/14	J/P	SW8260
4-Chlorotoluene	ND	4.2	0.48	ug/Kg	12/19/14	J/P	SW8260
4-Methyl-2-pentanone	ND	21	0.99	ug/Kg	12/19/14	J/P	SW8260
Acetone	6.7	JBS 42	4.2	ug/Kg	12/19/14	J/P	SW8260
Acrylonitrile	ND	8.4	2.3	ug/Kg	12/19/14	J/P	SW8260
Benzene	ND	4.2	0.83	ug/Kg	12/19/14	J/P	SW8260
Bromobenzene	ND	4.2	0.54	ug/Kg	12/19/14	J/P	SW8260
Bromochloromethane	ND	4.2	0.61	ug/Kg	12/19/14	J/P	SW8260
Bromodichloromethane	ND	4.2	0.52	ug/Kg	12/19/14	J/P	SW8260
Bromoform	ND	4.2	0.58	ug/Kg	12/19/14	J/P	SW8260
Bromomethane	ND	4.2	3.2	ug/Kg	12/19/14	J/P	SW8260
Carbon Disulfide	ND	4.2	0.68	ug/Kg	12/19/14	J/P	SW8260
Carbon tetrachloride	ND	4.2	0.48	ug/Kg	12/19/14	J/P	SW8260
Chlorobenzene	ND	4.2	0.62	ug/Kg	12/19/14	J/P	SW8260
Chloroethane	ND	4.2	0.98	ug/Kg	12/19/14	J/P	SW8260
Chloroform	ND	4.2	0.76	ug/Kg	12/19/14	J/P	SW8260
Chloromethane	ND	4.2	2.2	ug/Kg	12/19/14	J/P	SW8260
cis-1,2-Dichloroethene	ND	4.2	0.91	ug/Kg	12/19/14	J/P	SW8260
cis-1,3-Dichloropropene	ND	4.2	0.45	ug/Kg	12/19/14	J/P	SW8260
Dibromochloromethane	ND	4.2	0.47	ug/Kg	12/19/14	J/P	SW8260
Dibromomethane	ND	4.2	0.53	ug/Kg	12/19/14	J/P	SW8260
Dichlorodifluoromethane	ND	4.2	1.1	ug/Kg	12/19/14	J/P	SW8260
Ethylbenzene	ND	4.2	0.76	ug/Kg	12/19/14	J/P	SW8260
Hexachlorobutadiene	ND	4.2	0.88	ug/Kg	12/19/14	J/P	SW8260
Isopropylbenzene	ND	4.2	0.80	ug/Kg	12/19/14	J/P	SW8260
m&p-Xylene	ND	4.2	1.6	ug/Kg	12/19/14	J/P	SW8260
Methyl Ethyl Ketone	ND	25	3.6	ug/Kg	12/19/14	J/P	SW8260
Methyl t-butyl ether (MTBE)	ND	8.4	1.2	ug/Kg	12/19/14	J/P	SW8260
Methylene chloride	1.4	JBS	4.2	ug/Kg	12/19/14	J/P	SW8260
Naphthalene	ND	4.2	1.1	ug/Kg	12/19/14	J/P	SW8260
n-Butylbenzene	ND	4.2	0.76	ug/Kg	12/19/14	J/P	SW8260
n-Propylbenzene	ND	4.2	0.75	ug/Kg	12/19/14	J/P	SW8260

1

B*

B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	4.2	1.6	ug/Kg	12/19/14	J/P	SW8260
p-Isopropyltoluene	ND	4.2	0.60	ug/Kg	12/19/14	J/P	SW8260
sec-Butylbenzene	ND	4.2	0.78	ug/Kg	12/19/14	J/P	SW8260
Styrene	ND	4.2	1.2	ug/Kg	12/19/14	J/P	SW8260
tert-Butylbenzene	ND	4.2	0.67	ug/Kg	12/19/14	J/P	SW8260
Tetrachloroethene	ND	4.2	0.88	ug/Kg	12/19/14	J/P	SW8260
Tetrahydrofuran (THF)	ND	8.4	3.8	ug/Kg	12/19/14	J/P	SW8260
Toluene	56	J 280	44	ug/Kg	12/19/14	J/P	SW8260
trans-1,2-Dichloroethene	ND	4.2	0.84	ug/Kg	12/19/14	J/P	SW8260
trans-1,3-Dichloropropene	ND	4.2	0.85	ug/Kg	12/19/14	J/P	SW8260
trans-1,4-dichloro-2-butene	ND	8.4	7.7	ug/Kg	12/19/14	J/P	SW8260
Trichloroethene	ND	4.2	0.89	ug/Kg	12/19/14	J/P	SW8260
Trichlorofluoromethane	ND	4.2	0.93	ug/Kg	12/19/14	J/P	SW8260
Trichlorotrifluoroethane	ND	4.2	0.65	ug/Kg	12/19/14	J/P	SW8260
Vinyl chloride	ND	4.2	1.4	ug/Kg	12/19/14	J/P	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102			%	12/19/14	J/P	70 - 121 %
% Bromofluorobenzene	100			%	12/19/14	J/P	59 - 113 %
% Dibromofluoromethane	98			%	12/19/14	J/P	70 - 130 %
% Toluene-d8	93			%	12/19/14	J/P	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	230	120	ug/Kg	12/19/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	230	100	ug/Kg	12/19/14	DD	SW 8270
1,2-Dichlorobenzene	ND	230	94	ug/Kg	12/19/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
1,3-Dichlorobenzene	ND	230	98	ug/Kg	12/19/14	DD	SW 8270
1,4-Dichlorobenzene	ND	230	98	ug/Kg	12/19/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	230	180	ug/Kg	12/19/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
2,4-Dichlorophenol	ND	230	120	ug/Kg	12/19/14	DD	SW 8270
2,4-Dimethylphenol	ND	230	82	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrophenol	ND	1700	230	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrotoluene	ND	230	130	ug/Kg	12/19/14	DD	SW 8270
2,6-Dinitrotoluene	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
2-Chloronaphthalene	ND	230	94	ug/Kg	12/19/14	DD	SW 8270
2-Chlorophenol	ND	230	94	ug/Kg	12/19/14	DD	SW 8270
2-Methylnaphthalene	ND	230	99	ug/Kg	12/19/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	230	160	ug/Kg	12/19/14	DD	SW 8270
2-Nitroaniline	ND	1700	340	ug/Kg	12/19/14	DD	SW 8270
2-Nitrophenol	ND	230	210	ug/Kg	12/19/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	230	130	ug/Kg	12/19/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	670	160	ug/Kg	12/19/14	DD	SW 8270
3-Nitroaniline	ND	1700	720	ug/Kg	12/19/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1700	360	ug/Kg	12/19/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	230	98	ug/Kg	12/19/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	230	120	ug/Kg	12/19/14	DD	SW 8270
4-Chloroaniline	ND	670	150	ug/Kg	12/19/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
4-Nitroaniline	ND	1700	110	ug/Kg	12/19/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	1700	150	ug/Kg	12/19/14	DD	SW 8270
Acenaphthene	ND	230	100	ug/Kg	12/19/14	DD	SW 8270
Acenaphthylene	ND	230	93	ug/Kg	12/19/14	DD	SW 8270
Acetophenone	ND	230	100	ug/Kg	12/19/14	DD	SW 8270
Aniline	ND	1700	670	ug/Kg	12/19/14	DD	SW 8270
Anthracene	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
Benz(a)anthracene	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
Benzdine	ND	670	200	ug/Kg	12/19/14	DD	SW 8270
Benzo(a)pyrene	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
Benzo(b)fluoranthene	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
Benzo(ghi)perylene	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
Benzo(k)fluoranthene	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
Benzoic acid	ND	1700	670	ug/Kg	12/19/14	DD	SW 8270
Benzyl butyl phthalate	ND	230	86	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	230	92	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	230	90	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	230	92	ug/Kg	12/19/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	230	96	ug/Kg	12/19/14	DD	SW 8270
Carbazole	ND	1700	250	ug/Kg	12/19/14	DD	SW 8270
Chrysene	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
Dibenzofuran	ND	230	97	ug/Kg	12/19/14	DD	SW 8270
Diethyl phthalate	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
Dimethylphthalate	ND	230	100	ug/Kg	12/19/14	DD	SW 8270
Di-n-butylphthalate	ND	230	88	ug/Kg	12/19/14	DD	SW 8270
Di-n-octylphthalate	ND	230	86	ug/Kg	12/19/14	DD	SW 8270
Fluoranthene	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
Fluorene	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobenzene	ND	230	97	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobutadiene	ND	230	120	ug/Kg	12/19/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	230	100	ug/Kg	12/19/14	DD	SW 8270
Hexachloroethane	ND	230	100	ug/Kg	12/19/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
Isophorone	ND	230	93	ug/Kg	12/19/14	DD	SW 8270
Naphthalene	ND	230	96	ug/Kg	12/19/14	DD	SW 8270
Nitrobenzene	ND	230	120	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodimethylamine	ND	230	94	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	230	130	ug/Kg	12/19/14	DD	SW 8270
Pentachloronitrobenzene	ND	230	120	ug/Kg	12/19/14	DD	SW 8270
Pentachlorophenol	ND	230	130	ug/Kg	12/19/14	DD	SW 8270
Phenanthrene	ND	230	95	ug/Kg	12/19/14	DD	SW 8270
Phenol	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
Pyrene	ND	230	110	ug/Kg	12/19/14	DD	SW 8270
Pyridine	ND	230	82	ug/Kg	12/19/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	80			%	12/19/14	DD	19 - 122 %
% 2-Fluorobiphenyl	71			%	12/19/14	DD	30 - 115 %
% 2-Fluorophenol	54			%	12/19/14	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	69			%	12/19/14	DD	23 - 120 %
% Phenol-d5	61			%	12/19/14	DD	24 - 113 %
% Terphenyl-d14	93			%	12/19/14	DD	18 - 137 %

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, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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.

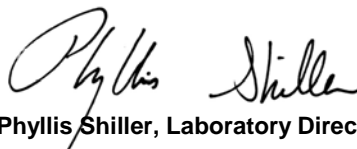
Volatile Comment:

Sample exhibited severe matrix interference in the volatile analysis. Both Low-level vials were analyzed with very poor internal standard response. The high level analysis did not exhibit this interference. Any compounds been detected in the high level analysis, are reported at that dilution. The low level analysis was reported, in order to meet the requested reporting 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.

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Phyllis Shiller, Laboratory Director

January 15, 2015

Reviewed and Released by: Tina Covensky



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

Analysis Report

January 15, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

12/17/14
 12/18/14

Time

11:00
 17:28

Laboratory Data

SDG ID: GBH55363
 Phoenix ID: BH55367

Project ID: 39-40 30TH ST., QUEENS
 Client ID: B12 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	0.35	0.34	0.34	mg/Kg	12/19/14	LK	SW6010
Aluminum	9050	34	6.8	mg/Kg	12/19/14	LK	SW6010
Arsenic	9.1	0.7	0.68	mg/Kg	12/19/14	LK	SW6010
Barium	393	0.7	0.34	mg/Kg	12/19/14	LK	SW6010
Beryllium	0.47	0.27	0.14	mg/Kg	12/19/14	LK	SW6010
Calcium	12400	* 34	31	mg/Kg	12/19/14	LK	SW6010
Cadmium	0.79	0.34	0.14	mg/Kg	12/19/14	LK	SW6010
Cobalt	8.22	0.34	0.34	mg/Kg	12/19/14	LK	SW6010
Chromium	23.7	0.34	0.34	mg/Kg	12/19/14	LK	SW6010
Copper	153	3.4	3.4	mg/kg	12/19/14	LK	SW6010
Iron	26600	34	34	mg/Kg	12/19/14	LK	SW6010
Mercury	0.14	0.08	0.05	mg/Kg	12/19/14	RS	SW-7471
Potassium	1690	N 7	2.7	mg/Kg	12/19/14	LK	SW6010
Magnesium	3090	3.4	3.4	mg/Kg	12/19/14	LK	SW6010
Manganese	337	N* 3.4	3.4	mg/Kg	12/19/14	LK	SW6010
Sodium	204	N 7	2.9	mg/Kg	12/19/14	LK	SW6010
Nickel	19.6	0.34	0.34	mg/Kg	12/19/14	LK	SW6010
Lead	655	6.8	3.4	mg/Kg	12/19/14	LK	SW6010
Antimony	< 1.7	N 1.7	1.7	mg/Kg	12/19/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	12/19/14	LK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	12/19/14	LK	SW6010
Vanadium	23.3	0.3	0.34	mg/Kg	12/19/14	LK	SW6010
Zinc	1060	6.8	3.4	mg/Kg	12/19/14	LK	SW6010
Percent Solid	93			%	12/18/14	I	SW846
Soil Extraction for PCB	Completed				12/18/14	BC/H	SW3545
Soil Extraction for Pesticide	Completed				12/18/14	BC	SW3545
Soil Extraction for SVOA	Completed				12/18/14	BJ/VH	SW3545
Mercury Digestion	Completed				12/19/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				12/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				12/17/14		SW5035
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1221	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1232	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1242	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1248	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1254	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1260	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1262	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1268	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	87			%	12/19/14	AW	30 - 150 %
% TCMX	89			%	12/19/14	AW	30 - 150 %
<u>Pesticides - Soil</u>							
4,4' -DDD	ND	2.1	2.1	ug/Kg	12/22/14	CE	SW8081
4,4' -DDE	ND	2.1	2.1	ug/Kg	12/22/14	CE	SW8081
4,4' -DDT	ND	2.1	2.1	ug/Kg	12/22/14	CE	SW8081
a-BHC	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
a-Chlordane	ND	3.5	3.5	ug/Kg	12/22/14	CE	SW8081
Aldrin	ND	3.5	3.5	ug/Kg	12/22/14	CE	SW8081
b-BHC	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
d-BHC	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
Dieldrin	ND	3.5	3.5	ug/Kg	12/22/14	CE	SW8081
Endosulfan I	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
Endosulfan II	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
Endosulfan sulfate	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
Endrin	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
Endrin aldehyde	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
Endrin ketone	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
g-BHC	ND	1.4	1.4	ug/Kg	12/22/14	CE	SW8081
g-Chlordane	ND	3.5	3.5	ug/Kg	12/22/14	CE	SW8081
Heptachlor	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
Heptachlor epoxide	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
Methoxychlor	ND	35	35	ug/Kg	12/22/14	CE	SW8081
Toxaphene	ND	140	140	ug/Kg	12/22/14	CE	SW8081
<u>QA/QC Surrogates</u>							
% DCBP	95			%	12/22/14	CE	30 - 150 %
% TCMX	93			%	12/22/14	CE	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	4.7	0.77	ug/Kg	12/19/14	JLI	SW8260
1,1,1-Trichloroethane	ND	4.7	0.94	ug/Kg	12/19/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	4.7	0.66	ug/Kg	12/19/14	JLI	SW8260
1,1,2-Trichloroethane	ND	4.7	0.46	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethane	ND	4.7	0.93	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethene	ND	4.7	1.0	ug/Kg	12/19/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	4.7	0.91	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	4.7	0.94	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichloropropane	ND	4.7	0.66	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	4.7	0.94	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trimethylbenzene	1.8	J 4.7	0.67	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	4.7	1.3	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromoethane	ND	4.7	1.2	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichlorobenzene	ND	4.7	0.51	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloroethane	ND	4.7	0.41	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloropropane	ND	4.7	0.66	ug/Kg	12/19/14	JLI	SW8260
1,3,5-Trimethylbenzene	0.62	J 4.7	0.62	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichlorobenzene	ND	4.7	0.69	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichloropropane	ND	4.7	0.50	ug/Kg	12/19/14	JLI	SW8260
1,4-Dichlorobenzene	ND	4.7	0.74	ug/Kg	12/19/14	JLI	SW8260
2,2-Dichloropropane	ND	4.7	0.79	ug/Kg	12/19/14	JLI	SW8260
2-Chlorotoluene	ND	4.7	0.75	ug/Kg	12/19/14	JLI	SW8260
2-Hexanone	ND	23	2.1	ug/Kg	12/19/14	JLI	SW8260
2-Isopropyltoluene	ND	4.7	0.65	ug/Kg	12/19/14	JLI	SW8260
4-Chlorotoluene	ND	4.7	0.54	ug/Kg	12/19/14	JLI	SW8260
4-Methyl-2-pentanone	ND	23	1.1	ug/Kg	12/19/14	JLI	SW8260
Acetone	5.0	JBS 47	4.6	ug/Kg	12/19/14	JLI	SW8260
Acrylonitrile	ND	9.4	2.6	ug/Kg	12/19/14	JLI	SW8260
Benzene	ND	4.7	0.93	ug/Kg	12/19/14	JLI	SW8260
Bromobenzene	ND	4.7	0.61	ug/Kg	12/19/14	JLI	SW8260
Bromochloromethane	ND	4.7	0.68	ug/Kg	12/19/14	JLI	SW8260
Bromodichloromethane	ND	4.7	0.58	ug/Kg	12/19/14	JLI	SW8260
Bromoform	ND	4.7	0.65	ug/Kg	12/19/14	JLI	SW8260
Bromomethane	ND	4.7	3.6	ug/Kg	12/19/14	JLI	SW8260
Carbon Disulfide	ND	4.7	0.76	ug/Kg	12/19/14	JLI	SW8260
Carbon tetrachloride	ND	4.7	0.54	ug/Kg	12/19/14	JLI	SW8260
Chlorobenzene	ND	4.7	0.69	ug/Kg	12/19/14	JLI	SW8260
Chloroethane	ND	4.7	1.1	ug/Kg	12/19/14	JLI	SW8260
Chloroform	ND	4.7	0.85	ug/Kg	12/19/14	JLI	SW8260
Chloromethane	ND	4.7	2.5	ug/Kg	12/19/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	4.7	1.0	ug/Kg	12/19/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	4.7	0.51	ug/Kg	12/19/14	JLI	SW8260
Dibromochloromethane	ND	4.7	0.52	ug/Kg	12/19/14	JLI	SW8260
Dibromomethane	ND	4.7	0.59	ug/Kg	12/19/14	JLI	SW8260
Dichlorodifluoromethane	ND	4.7	1.2	ug/Kg	12/19/14	JLI	SW8260
Ethylbenzene	1.1	J 4.7	0.85	ug/Kg	12/19/14	JLI	SW8260
Hexachlorobutadiene	ND	4.7	0.98	ug/Kg	12/19/14	JLI	SW8260
Isopropylbenzene	ND	4.7	0.90	ug/Kg	12/19/14	JLI	SW8260
m&p-Xylene	4.4	J 4.7	1.8	ug/Kg	12/19/14	JLI	SW8260
Methyl Ethyl Ketone	ND	28	4.1	ug/Kg	12/19/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	9.4	1.3	ug/Kg	12/19/14	JLI	SW8260
Methylene chloride	1.5	JBS 4.7	0.77	ug/Kg	12/19/14	JLI	SW8260
Naphthalene	ND	4.7	1.3	ug/Kg	12/19/14	JLI	SW8260
n-Butylbenzene	ND	4.7	0.85	ug/Kg	12/19/14	JLI	SW8260
n-Propylbenzene	ND	4.7	0.84	ug/Kg	12/19/14	JLI	SW8260

1

B*

B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	4.7	1.8	ug/Kg	12/19/14	JLI	SW8260
p-Isopropyltoluene	ND	4.7	0.67	ug/Kg	12/19/14	JLI	SW8260
sec-Butylbenzene	ND	4.7	0.88	ug/Kg	12/19/14	JLI	SW8260
Styrene	ND	4.7	1.3	ug/Kg	12/19/14	JLI	SW8260
tert-Butylbenzene	ND	4.7	0.75	ug/Kg	12/19/14	JLI	SW8260
Tetrachloroethene	ND	4.7	0.98	ug/Kg	12/19/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	9.4	4.2	ug/Kg	12/19/14	JLI	SW8260
Toluene	74	J 290	45	ug/Kg	12/19/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	4.7	0.94	ug/Kg	12/19/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	4.7	0.95	ug/Kg	12/19/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	9.4	8.7	ug/Kg	12/19/14	JLI	SW8260
Trichloroethene	250	J 290	61	ug/Kg	12/19/14	JLI	SW8260
Trichlorofluoromethane	ND	4.7	1.0	ug/Kg	12/19/14	JLI	SW8260
Trichlorotrifluoroethane	ND	4.7	0.73	ug/Kg	12/19/14	JLI	SW8260
Vinyl chloride	ND	4.7	1.5	ug/Kg	12/19/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	111			%	12/19/14	JLI	70 - 121 %
% Bromofluorobenzene	86			%	12/19/14	JLI	59 - 113 %
% Dibromofluoromethane	103			%	12/19/14	JLI	70 - 130 %
% Toluene-d8	91			%	12/19/14	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
1,3-Dichlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
1,4-Dichlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	12/19/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2,4-Dichlorophenol	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
2,4-Dimethylphenol	ND	250	89	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrophenol	ND	1800	250	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	12/19/14	DD	SW 8270
2-Nitroaniline	ND	1800	360	ug/Kg	12/19/14	DD	SW 8270
2-Nitrophenol	ND	250	230	ug/Kg	12/19/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	720	170	ug/Kg	12/19/14	DD	SW 8270
3-Nitroaniline	ND	1800	780	ug/Kg	12/19/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	12/19/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
4-Chloroaniline	ND	720	170	ug/Kg	12/19/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
4-Nitroaniline	ND	1800	120	ug/Kg	12/19/14	DD	SW 8270

Client ID: B12 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	1800	160	ug/Kg	12/19/14	DD	SW 8270
Acenaphthene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Acenaphthylene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Aniline	ND	1800	720	ug/Kg	12/19/14	DD	SW 8270
Anthracene	140	J 250	120	ug/Kg	12/19/14	DD	SW 8270
Benz(a)anthracene	530	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzdine	ND	720	210	ug/Kg	12/19/14	DD	SW 8270
Benzo(a)pyrene	510	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(b)fluoranthene	680	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(ghi)perylene	330	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(k)fluoranthene	260	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzoic acid	ND	1800	720	ug/Kg	12/19/14	DD	SW 8270
Benzyl butyl phthalate	ND	250	92	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	97	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Carbazole	ND	1800	270	ug/Kg	12/19/14	DD	SW 8270
Chrysene	610	250	120	ug/Kg	12/19/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
Dibenzofuran	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Di-n-butylphthalate	110	J 250	95	ug/Kg	12/19/14	DD	SW 8270
Di-n-octylphthalate	ND	250	92	ug/Kg	12/19/14	DD	SW 8270
Fluoranthene	1200	250	120	ug/Kg	12/19/14	DD	SW 8270
Fluorene	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobenzene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	290	250	120	ug/Kg	12/19/14	DD	SW 8270
Isophorone	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Naphthalene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Nitrobenzene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodimethylamine	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
Pentachlorophenol	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
Phenanthrene	810	250	100	ug/Kg	12/19/14	DD	SW 8270
Phenol	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Pyrene	1200	250	120	ug/Kg	12/19/14	DD	SW 8270
Pyridine	ND	250	88	ug/Kg	12/19/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	81			%	12/19/14	DD	19 - 122 %
% 2-Fluorobiphenyl	82			%	12/19/14	DD	30 - 115 %
% 2-Fluorophenol	62			%	12/19/14	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	81			%	12/19/14	DD	23 - 120 %
% Phenol-d5	69			%	12/19/14	DD	24 - 113 %
% Terphenyl-d14	97			%	12/19/14	DD	18 - 137 %

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, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

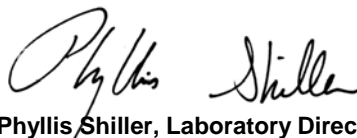
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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.

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Phyllis Shiller, Laboratory Director

January 15, 2015

Reviewed and Released by: Tina Covensky



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

Analysis Report
 January 15, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

12/17/14
 12/18/14

Time

11:30
 17:28

Laboratory Data

SDG ID: GBH55363
 Phoenix ID: BH55368

Project ID: 39-40 30TH ST., QUEENS
 Client ID: B12 13-15

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	12/19/14	LK	SW6010
Aluminum	14300	37	7.4	mg/Kg	12/19/14	LK	SW6010
Arsenic	3.3	0.7	0.74	mg/Kg	12/19/14	LK	SW6010
Barium	58.0	0.7	0.37	mg/Kg	12/19/14	LK	SW6010
Beryllium	0.46	0.30	0.15	mg/Kg	12/19/14	LK	SW6010
Calcium	924	* 3.7	3.4	mg/Kg	12/19/14	LK	SW6010
Cadmium	< 0.37	0.37	0.15	mg/Kg	12/19/14	LK	SW6010
Cobalt	6.01	0.37	0.37	mg/Kg	12/19/14	LK	SW6010
Chromium	22.2	0.37	0.37	mg/Kg	12/19/14	LK	SW6010
Copper	9.85	0.37	0.37	mg/kg	12/19/14	LK	SW6010
Iron	20400	37	37	mg/Kg	12/19/14	LK	SW6010
Mercury	< 0.07	0.07	0.04	mg/Kg	12/19/14	RS	SW-7471
Potassium	835	N 7	2.9	mg/Kg	12/19/14	LK	SW6010
Magnesium	2950	3.7	3.7	mg/Kg	12/19/14	LK	SW6010
Manganese	279	N* 3.7	3.7	mg/Kg	12/19/14	LK	SW6010
Sodium	58	N 7	3.2	mg/Kg	12/19/14	LK	SW6010
Nickel	12.2	0.37	0.37	mg/Kg	12/19/14	LK	SW6010
Lead	10.3	0.7	0.37	mg/Kg	12/19/14	LK	SW6010
Antimony	< 1.9	N 1.9	1.9	mg/Kg	12/19/14	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	12/19/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	12/19/14	LK	SW6010
Vanadium	27.8	0.4	0.37	mg/Kg	12/19/14	LK	SW6010
Zinc	47.9	0.7	0.37	mg/Kg	12/19/14	LK	SW6010
Percent Solid	83			%	12/18/14	I	SW846
Soil Extraction for PCB	Completed				12/18/14	BC/H	SW3545
Soil Extraction for Pesticide	Completed				12/18/14	BC	SW3545
Soil Extraction for SVOA	Completed				12/18/14	BJ/VH	SW3545
Mercury Digestion	Completed				12/19/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				12/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				12/17/14		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	39	39	ug/Kg	12/19/14	AW	SW 8082
PCB-1221	ND	39	39	ug/Kg	12/19/14	AW	SW 8082
PCB-1232	ND	39	39	ug/Kg	12/19/14	AW	SW 8082
PCB-1242	ND	39	39	ug/Kg	12/19/14	AW	SW 8082
PCB-1248	ND	39	39	ug/Kg	12/19/14	AW	SW 8082
PCB-1254	ND	39	39	ug/Kg	12/19/14	AW	SW 8082
PCB-1260	ND	39	39	ug/Kg	12/19/14	AW	SW 8082
PCB-1262	ND	39	39	ug/Kg	12/19/14	AW	SW 8082
PCB-1268	ND	39	39	ug/Kg	12/19/14	AW	SW 8082

QA/QC Surrogates

% DCBP	83			%	12/19/14	AW	30 - 150 %
% TCMX	81			%	12/19/14	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	12/22/14	CE	SW8081
4,4' -DDE	ND	2.4	2.4	ug/Kg	12/22/14	CE	SW8081
4,4' -DDT	ND	2.4	2.4	ug/Kg	12/22/14	CE	SW8081
a-BHC	ND	7.8	7.8	ug/Kg	12/22/14	CE	SW8081
a-Chlordane	ND	3.9	3.9	ug/Kg	12/22/14	CE	SW8081
Aldrin	ND	3.9	3.9	ug/Kg	12/22/14	CE	SW8081
b-BHC	ND	7.8	7.8	ug/Kg	12/22/14	CE	SW8081
d-BHC	ND	7.8	7.8	ug/Kg	12/22/14	CE	SW8081
Dieldrin	ND	3.9	3.9	ug/Kg	12/22/14	CE	SW8081
Endosulfan I	ND	7.8	7.8	ug/Kg	12/22/14	CE	SW8081
Endosulfan II	ND	7.8	7.8	ug/Kg	12/22/14	CE	SW8081
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	12/22/14	CE	SW8081
Endrin	ND	7.8	7.8	ug/Kg	12/22/14	CE	SW8081
Endrin aldehyde	ND	7.8	7.8	ug/Kg	12/22/14	CE	SW8081
Endrin ketone	ND	7.8	7.8	ug/Kg	12/22/14	CE	SW8081
g-BHC	ND	1.6	1.6	ug/Kg	12/22/14	CE	SW8081
g-Chlordane	ND	3.9	3.9	ug/Kg	12/22/14	CE	SW8081
Heptachlor	ND	7.8	7.8	ug/Kg	12/22/14	CE	SW8081
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	12/22/14	CE	SW8081
Methoxychlor	ND	39	39	ug/Kg	12/22/14	CE	SW8081
Toxaphene	ND	160	160	ug/Kg	12/22/14	CE	SW8081

QA/QC Surrogates

% DCBP	96			%	12/22/14	CE	30 - 150 %
% TCMX	93			%	12/22/14	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.5	0.91	ug/Kg	12/19/14	JLI	SW8260
1,1,1-Trichloroethane	ND	5.5	1.1	ug/Kg	12/19/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	5.5	0.79	ug/Kg	12/19/14	JLI	SW8260
1,1,2-Trichloroethane	ND	5.5	0.54	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethane	ND	5.5	1.1	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethene	ND	5.5	1.2	ug/Kg	12/19/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	5.5	1.1	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	5.5	1.1	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichloropropane	ND	5.5	0.79	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	5.5	1.1	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	5.5	0.80	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	5.5	1.5	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromoethane	ND	5.5	1.5	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichlorobenzene	ND	5.5	0.61	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloroethane	ND	5.5	0.49	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloropropane	ND	5.5	0.79	ug/Kg	12/19/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	5.5	0.73	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichlorobenzene	ND	5.5	0.82	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichloropropane	ND	5.5	0.59	ug/Kg	12/19/14	JLI	SW8260
1,4-Dichlorobenzene	ND	5.5	0.88	ug/Kg	12/19/14	JLI	SW8260
2,2-Dichloropropane	ND	5.5	0.93	ug/Kg	12/19/14	JLI	SW8260
2-Chlorotoluene	ND	5.5	0.89	ug/Kg	12/19/14	JLI	SW8260
2-Hexanone	ND	28	2.5	ug/Kg	12/19/14	JLI	SW8260
2-Isopropyltoluene	ND	5.5	0.76	ug/Kg	12/19/14	JLI	SW8260
4-Chlorotoluene	ND	5.5	0.64	ug/Kg	12/19/14	JLI	SW8260
4-Methyl-2-pentanone	ND	28	1.3	ug/Kg	12/19/14	JLI	SW8260
Acetone	ND	50	5.5	ug/Kg	12/19/14	JLI	SW8260
Acrylonitrile	ND	11	3.1	ug/Kg	12/19/14	JLI	SW8260
Benzene	ND	5.5	1.1	ug/Kg	12/19/14	JLI	SW8260
Bromobenzene	ND	5.5	0.72	ug/Kg	12/19/14	JLI	SW8260
Bromochloromethane	ND	5.5	0.81	ug/Kg	12/19/14	JLI	SW8260
Bromodichloromethane	ND	5.5	0.69	ug/Kg	12/19/14	JLI	SW8260
Bromoform	ND	5.5	0.78	ug/Kg	12/19/14	JLI	SW8260
Bromomethane	ND	5.5	4.3	ug/Kg	12/19/14	JLI	SW8260
Carbon Disulfide	ND	5.5	0.90	ug/Kg	12/19/14	JLI	SW8260
Carbon tetrachloride	ND	5.5	0.64	ug/Kg	12/19/14	JLI	SW8260
Chlorobenzene	ND	5.5	0.82	ug/Kg	12/19/14	JLI	SW8260
Chloroethane	ND	5.5	1.3	ug/Kg	12/19/14	JLI	SW8260
Chloroform	ND	5.5	1.0	ug/Kg	12/19/14	JLI	SW8260
Chloromethane	ND	5.5	2.9	ug/Kg	12/19/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	5.5	1.2	ug/Kg	12/19/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	5.5	0.60	ug/Kg	12/19/14	JLI	SW8260
Dibromochloromethane	ND	5.5	0.62	ug/Kg	12/19/14	JLI	SW8260
Dibromomethane	ND	5.5	0.70	ug/Kg	12/19/14	JLI	SW8260
Dichlorodifluoromethane	ND	5.5	1.5	ug/Kg	12/19/14	JLI	SW8260
Ethylbenzene	ND	5.5	1.0	ug/Kg	12/19/14	JLI	SW8260
Hexachlorobutadiene	ND	5.5	1.2	ug/Kg	12/19/14	JLI	SW8260
Isopropylbenzene	ND	5.5	1.1	ug/Kg	12/19/14	JLI	SW8260
m&p-Xylene	ND	5.5	2.2	ug/Kg	12/19/14	JLI	SW8260
Methyl Ethyl Ketone	ND	33	4.8	ug/Kg	12/19/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	11	1.5	ug/Kg	12/19/14	JLI	SW8260
Methylene chloride	2.2	JBS	5.5	0.91	ug/Kg	JLI	SW8260
Naphthalene	ND	5.5	1.5	ug/Kg	12/19/14	JLI	SW8260
n-Butylbenzene	ND	5.5	1.0	ug/Kg	12/19/14	JLI	SW8260
n-Propylbenzene	ND	5.5	1.0	ug/Kg	12/19/14	JLI	SW8260

1

B

B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	5.5	2.1	ug/Kg	12/19/14	JLI	SW8260
p-Isopropyltoluene	ND	5.5	0.80	ug/Kg	12/19/14	JLI	SW8260
sec-Butylbenzene	ND	5.5	1.0	ug/Kg	12/19/14	JLI	SW8260
Styrene	ND	5.5	1.6	ug/Kg	12/19/14	JLI	SW8260
tert-Butylbenzene	ND	5.5	0.89	ug/Kg	12/19/14	JLI	SW8260
Tetrachloroethene	ND	5.5	1.2	ug/Kg	12/19/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	11	5.0	ug/Kg	12/19/14	JLI	SW8260
Toluene	50	J 300	47	ug/Kg	12/19/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	5.5	1.1	ug/Kg	12/19/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	5.5	1.1	ug/Kg	12/19/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	12/19/14	JLI	SW8260
Trichloroethene	9.4	5.5	1.2	ug/Kg	12/19/14	JLI	SW8260
Trichlorofluoromethane	ND	5.5	1.2	ug/Kg	12/19/14	JLI	SW8260
Trichlorotrifluoroethane	ND	5.5	0.86	ug/Kg	12/19/14	JLI	SW8260
Vinyl chloride	ND	5.5	1.8	ug/Kg	12/19/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	97			%	12/19/14	JLI	70 - 121 %
% Bromofluorobenzene	96			%	12/19/14	JLI	59 - 113 %
% Dibromofluoromethane	102			%	12/19/14	JLI	70 - 130 %
% Toluene-d8	92			%	12/19/14	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	12/19/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	12/19/14	DD	SW 8270
1,2-Dichlorobenzene	ND	280	110	ug/Kg	12/19/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
1,3-Dichlorobenzene	ND	280	120	ug/Kg	12/19/14	DD	SW 8270
1,4-Dichlorobenzene	ND	280	120	ug/Kg	12/19/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	12/19/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
2,4-Dichlorophenol	ND	280	140	ug/Kg	12/19/14	DD	SW 8270
2,4-Dimethylphenol	ND	280	99	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrophenol	ND	2000	280	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrotoluene	ND	280	160	ug/Kg	12/19/14	DD	SW 8270
2,6-Dinitrotoluene	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
2-Chloronaphthalene	ND	280	110	ug/Kg	12/19/14	DD	SW 8270
2-Chlorophenol	ND	280	110	ug/Kg	12/19/14	DD	SW 8270
2-Methylnaphthalene	ND	280	120	ug/Kg	12/19/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	12/19/14	DD	SW 8270
2-Nitroaniline	ND	2000	400	ug/Kg	12/19/14	DD	SW 8270
2-Nitrophenol	ND	280	250	ug/Kg	12/19/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	12/19/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	800	190	ug/Kg	12/19/14	DD	SW 8270
3-Nitroaniline	ND	2000	870	ug/Kg	12/19/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	2000	430	ug/Kg	12/19/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	12/19/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	12/19/14	DD	SW 8270
4-Chloroaniline	ND	800	190	ug/Kg	12/19/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
4-Nitroaniline	ND	2000	130	ug/Kg	12/19/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	2000	180	ug/Kg	12/19/14	DD	SW 8270
Acenaphthene	ND	280	120	ug/Kg	12/19/14	DD	SW 8270
Acenaphthylene	ND	280	110	ug/Kg	12/19/14	DD	SW 8270
Acetophenone	ND	280	120	ug/Kg	12/19/14	DD	SW 8270
Aniline	ND	2000	810	ug/Kg	12/19/14	DD	SW 8270
Anthracene	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
Benz(a)anthracene	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
Benzdine	ND	800	240	ug/Kg	12/19/14	DD	SW 8270
Benzo(a)pyrene	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
Benzo(b)fluoranthene	ND	280	140	ug/Kg	12/19/14	DD	SW 8270
Benzo(ghi)perylene	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
Benzo(k)fluoranthene	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
Benzoic acid	ND	2000	800	ug/Kg	12/19/14	DD	SW 8270
Benzyl butyl phthalate	ND	280	100	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	280	110	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	12/19/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	280	120	ug/Kg	12/19/14	DD	SW 8270
Carbazole	ND	2000	300	ug/Kg	12/19/14	DD	SW 8270
Chrysene	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
Dibenzofuran	ND	280	120	ug/Kg	12/19/14	DD	SW 8270
Diethyl phthalate	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
Dimethylphthalate	ND	280	120	ug/Kg	12/19/14	DD	SW 8270
Di-n-butylphthalate	ND	280	110	ug/Kg	12/19/14	DD	SW 8270
Di-n-octylphthalate	ND	280	100	ug/Kg	12/19/14	DD	SW 8270
Fluoranthene	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
Fluorene	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobenzene	ND	280	120	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobutadiene	ND	280	140	ug/Kg	12/19/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	12/19/14	DD	SW 8270
Hexachloroethane	ND	280	120	ug/Kg	12/19/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
Isophorone	ND	280	110	ug/Kg	12/19/14	DD	SW 8270
Naphthalene	ND	280	120	ug/Kg	12/19/14	DD	SW 8270
Nitrobenzene	ND	280	140	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodimethylamine	ND	280	110	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	12/19/14	DD	SW 8270
Pentachloronitrobenzene	ND	280	150	ug/Kg	12/19/14	DD	SW 8270
Pentachlorophenol	ND	280	150	ug/Kg	12/19/14	DD	SW 8270
Phenanthrene	ND	280	110	ug/Kg	12/19/14	DD	SW 8270
Phenol	ND	280	130	ug/Kg	12/19/14	DD	SW 8270
Pyrene	ND	280	140	ug/Kg	12/19/14	DD	SW 8270
Pyridine	ND	280	98	ug/Kg	12/19/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	78			%	12/19/14	DD	19 - 122 %
% 2-Fluorobiphenyl	68			%	12/19/14	DD	30 - 115 %
% 2-Fluorophenol	54			%	12/19/14	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	66			%	12/19/14	DD	23 - 120 %
% Phenol-d5	59			%	12/19/14	DD	24 - 113 %
% Terphenyl-d14	113			%	12/19/14	DD	18 - 137 %

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, a bias is possible.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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.
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Phyllis Shiller, Laboratory Director

January 15, 2015

Reviewed and Released by: Tina Covensky



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

Analysis Report
 January 15, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

12/17/14
 12/18/14

Time

12:00
 17:28

Laboratory Data

SDG ID: GBH55363
 Phoenix ID: BH55369

Project ID: 39-40 30TH ST., QUEENS
 Client ID: B13 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34	0.34	0.34	mg/Kg	12/19/14	LK	SW6010
Aluminum	7830	34	6.8	mg/Kg	12/19/14	LK	SW6010
Arsenic	3.1	0.7	0.68	mg/Kg	12/19/14	LK	SW6010
Barium	105	0.7	0.34	mg/Kg	12/19/14	LK	SW6010
Beryllium	0.39	0.27	0.14	mg/Kg	12/19/14	LK	SW6010
Calcium	6170	* 3.4	3.1	mg/Kg	12/19/14	LK	SW6010
Cadmium	0.24	B 0.34	0.14	mg/Kg	12/19/14	LK	SW6010
Cobalt	7.20	0.34	0.34	mg/Kg	12/19/14	LK	SW6010
Chromium	16.6	0.34	0.34	mg/Kg	12/19/14	LK	SW6010
Copper	33.5	0.34	0.34	mg/kg	12/19/14	LK	SW6010
Iron	13600	34	34	mg/Kg	12/19/14	LK	SW6010
Mercury	0.26	0.09	0.05	mg/Kg	12/19/14	RS	SW-7471
Potassium	1170	N 7	2.6	mg/Kg	12/19/14	LK	SW6010
Magnesium	2660	3.4	3.4	mg/Kg	12/19/14	LK	SW6010
Manganese	322	N* 3.4	3.4	mg/Kg	12/19/14	LK	SW6010
Sodium	159	N 7	2.9	mg/Kg	12/19/14	LK	SW6010
Nickel	14.2	0.34	0.34	mg/Kg	12/19/14	LK	SW6010
Lead	117	0.7	0.34	mg/Kg	12/19/14	LK	SW6010
Antimony	< 1.7	N 1.7	1.7	mg/Kg	12/19/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	12/19/14	LK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	12/19/14	LK	SW6010
Vanadium	22.0	0.3	0.34	mg/Kg	12/19/14	LK	SW6010
Zinc	90.5	0.7	0.34	mg/Kg	12/19/14	LK	SW6010
Percent Solid	92			%	12/18/14	I	SW846
Soil Extraction for PCB	Completed				12/18/14	BC/H	SW3545
Soil Extraction for Pesticide	Completed				12/18/14	BC	SW3545
Soil Extraction for SVOA	Completed				12/18/14	BJ/VH	SW3545
Mercury Digestion	Completed				12/19/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				12/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				12/17/14		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1221	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1232	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1242	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1248	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1254	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1260	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1262	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1268	ND	35	35	ug/Kg	12/19/14	AW	SW 8082

QA/QC Surrogates

% DCBP	84			%	12/19/14	AW	30 - 150 %
% TCMX	87			%	12/19/14	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.1	2.1	ug/Kg	12/22/14	CE	SW8081
4,4' -DDE	ND	2.1	2.1	ug/Kg	12/22/14	CE	SW8081
4,4' -DDT	ND	2.1	2.1	ug/Kg	12/22/14	CE	SW8081
a-BHC	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
a-Chlordane	ND	3.5	3.5	ug/Kg	12/22/14	CE	SW8081
Aldrin	ND	3.5	3.5	ug/Kg	12/22/14	CE	SW8081
b-BHC	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
d-BHC	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
Dieldrin	ND	3.5	3.5	ug/Kg	12/22/14	CE	SW8081
Endosulfan I	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
Endosulfan II	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
Endosulfan sulfate	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
Endrin	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
Endrin aldehyde	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
Endrin ketone	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
g-BHC	ND	1.4	1.4	ug/Kg	12/22/14	CE	SW8081
g-Chlordane	ND	3.5	3.5	ug/Kg	12/22/14	CE	SW8081
Heptachlor	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
Heptachlor epoxide	ND	7.1	7.1	ug/Kg	12/22/14	CE	SW8081
Methoxychlor	ND	35	35	ug/Kg	12/22/14	CE	SW8081
Toxaphene	ND	140	140	ug/Kg	12/22/14	CE	SW8081

QA/QC Surrogates

% DCBP	85			%	12/22/14	CE	30 - 150 %
% TCMX	85			%	12/22/14	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.5	0.57	ug/Kg	12/19/14	JLI	SW8260
1,1,1-Trichloroethane	ND	3.5	0.70	ug/Kg	12/19/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	3.5	0.49	ug/Kg	12/19/14	JLI	SW8260
1,1,2-Trichloroethane	ND	3.5	0.34	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethane	ND	3.5	0.69	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethene	ND	3.5	0.76	ug/Kg	12/19/14	JLI	SW8260

Client ID: B13 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	3.5	0.67	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	3.5	0.70	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichloropropane	ND	3.5	0.49	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	3.5	0.70	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trimethylbenzene	1.1	J 3.5	0.50	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	3.5	0.93	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromoethane	ND	3.5	0.93	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichlorobenzene	ND	3.5	0.38	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloroethane	ND	3.5	0.31	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloropropane	ND	3.5	0.49	ug/Kg	12/19/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	3.5	0.46	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichlorobenzene	ND	3.5	0.51	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichloropropane	ND	3.5	0.37	ug/Kg	12/19/14	JLI	SW8260
1,4-Dichlorobenzene	ND	3.5	0.55	ug/Kg	12/19/14	JLI	SW8260
2,2-Dichloropropane	ND	3.5	0.58	ug/Kg	12/19/14	JLI	SW8260
2-Chlorotoluene	ND	3.5	0.56	ug/Kg	12/19/14	JLI	SW8260
2-Hexanone	ND	17	1.6	ug/Kg	12/19/14	JLI	SW8260
2-Isopropyltoluene	ND	3.5	0.48	ug/Kg	12/19/14	JLI	SW8260
4-Chlorotoluene	ND	3.5	0.40	ug/Kg	12/19/14	JLI	SW8260
4-Methyl-2-pentanone	ND	17	0.83	ug/Kg	12/19/14	JLI	SW8260
Acetone	5.8	JBS 35	3.5	ug/Kg	12/19/14	JLI	SW8260
Acrylonitrile	ND	7.0	2.0	ug/Kg	12/19/14	JLI	SW8260
Benzene	ND	3.5	0.69	ug/Kg	12/19/14	JLI	SW8260
Bromobenzene	ND	3.5	0.45	ug/Kg	12/19/14	JLI	SW8260
Bromochloromethane	ND	3.5	0.51	ug/Kg	12/19/14	JLI	SW8260
Bromodichloromethane	ND	3.5	0.43	ug/Kg	12/19/14	JLI	SW8260
Bromoform	ND	3.5	0.49	ug/Kg	12/19/14	JLI	SW8260
Bromomethane	ND	3.5	2.7	ug/Kg	12/19/14	JLI	SW8260
Carbon Disulfide	ND	3.5	0.56	ug/Kg	12/19/14	JLI	SW8260
Carbon tetrachloride	ND	3.5	0.40	ug/Kg	12/19/14	JLI	SW8260
Chlorobenzene	ND	3.5	0.51	ug/Kg	12/19/14	JLI	SW8260
Chloroethane	ND	3.5	0.81	ug/Kg	12/19/14	JLI	SW8260
Chloroform	ND	3.5	0.63	ug/Kg	12/19/14	JLI	SW8260
Chloromethane	ND	3.5	1.8	ug/Kg	12/19/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	3.5	0.76	ug/Kg	12/19/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	3.5	0.38	ug/Kg	12/19/14	JLI	SW8260
Dibromochloromethane	ND	3.5	0.39	ug/Kg	12/19/14	JLI	SW8260
Dibromomethane	ND	3.5	0.44	ug/Kg	12/19/14	JLI	SW8260
Dichlorodifluoromethane	ND	3.5	0.93	ug/Kg	12/19/14	JLI	SW8260
Ethylbenzene	0.72	J 3.5	0.63	ug/Kg	12/19/14	JLI	SW8260
Hexachlorobutadiene	ND	3.5	0.73	ug/Kg	12/19/14	JLI	SW8260
Isopropylbenzene	ND	3.5	0.67	ug/Kg	12/19/14	JLI	SW8260
m&p-Xylene	2.8	J 3.5	1.4	ug/Kg	12/19/14	JLI	SW8260
Methyl Ethyl Ketone	ND	21	3.0	ug/Kg	12/19/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	7.0	0.96	ug/Kg	12/19/14	JLI	SW8260
Methylene chloride	0.93	JBS 3.5	0.57	ug/Kg	12/19/14	JLI	SW8260
Naphthalene	110	J 290	77	ug/Kg	12/19/14	JLI	SW8260
n-Butylbenzene	ND	3.5	0.63	ug/Kg	12/19/14	JLI	SW8260
n-Propylbenzene	ND	3.5	0.63	ug/Kg	12/19/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	3.5	1.3	ug/Kg	12/19/14	JLI	SW8260
p-Isopropyltoluene	ND	3.5	0.50	ug/Kg	12/19/14	JLI	SW8260
sec-Butylbenzene	ND	3.5	0.65	ug/Kg	12/19/14	JLI	SW8260
Styrene	ND	3.5	1.0	ug/Kg	12/19/14	JLI	SW8260
tert-Butylbenzene	ND	3.5	0.56	ug/Kg	12/19/14	JLI	SW8260
Tetrachloroethene	0.80	J 3.5	0.73	ug/Kg	12/19/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	7.0	3.1	ug/Kg	12/19/14	JLI	SW8260
Toluene	80	J 290	45	ug/Kg	12/19/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	3.5	0.70	ug/Kg	12/19/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	3.5	0.71	ug/Kg	12/19/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	7.0	6.5	ug/Kg	12/19/14	JLI	SW8260
Trichloroethene	2100	290	61	ug/Kg	12/19/14	JLI	SW8260
Trichlorofluoromethane	ND	3.5	0.77	ug/Kg	12/19/14	JLI	SW8260
Trichlorotrifluoroethane	ND	3.5	0.54	ug/Kg	12/19/14	JLI	SW8260
Vinyl chloride	ND	3.5	1.1	ug/Kg	12/19/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	104			%	12/19/14	JLI	70 - 121 %
% Bromofluorobenzene	94			%	12/19/14	JLI	59 - 113 %
% Dibromofluoromethane	102			%	12/19/14	JLI	70 - 130 %
% Toluene-d8	97			%	12/19/14	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
1,3-Dichlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
1,4-Dichlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	12/19/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2,4-Dichlorophenol	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
2,4-Dimethylphenol	ND	250	88	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrophenol	ND	1800	250	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	12/19/14	DD	SW 8270
2-Nitroaniline	ND	1800	360	ug/Kg	12/19/14	DD	SW 8270
2-Nitrophenol	ND	250	230	ug/Kg	12/19/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	710	170	ug/Kg	12/19/14	DD	SW 8270
3-Nitroaniline	ND	1800	770	ug/Kg	12/19/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	12/19/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
4-Chloroaniline	ND	710	170	ug/Kg	12/19/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
4-Nitroaniline	ND	1800	120	ug/Kg	12/19/14	DD	SW 8270

Client ID: B13 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	1800	160	ug/Kg	12/19/14	DD	SW 8270
Acenaphthene	240	J 250	110	ug/Kg	12/19/14	DD	SW 8270
Acenaphthylene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Aniline	ND	1800	720	ug/Kg	12/19/14	DD	SW 8270
Anthracene	520	250	120	ug/Kg	12/19/14	DD	SW 8270
Benz(a)anthracene	980	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzidine	ND	710	210	ug/Kg	12/19/14	DD	SW 8270
Benzo(a)pyrene	880	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(b)fluoranthene	1200	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(ghi)perylene	550	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(k)fluoranthene	420	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzoic acid	ND	1800	710	ug/Kg	12/19/14	DD	SW 8270
Benzyl butyl phthalate	ND	250	92	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	98	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	96	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	12/19/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Carbazole	ND	1800	270	ug/Kg	12/19/14	DD	SW 8270
Chrysene	1000	250	120	ug/Kg	12/19/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
Dibenzofuran	160	J 250	100	ug/Kg	12/19/14	DD	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Di-n-butylphthalate	ND	250	95	ug/Kg	12/19/14	DD	SW 8270
Di-n-octylphthalate	ND	250	92	ug/Kg	12/19/14	DD	SW 8270
Fluoranthene	2600	250	120	ug/Kg	12/19/14	DD	SW 8270
Fluorene	210	J 250	120	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobenzene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	530	250	120	ug/Kg	12/19/14	DD	SW 8270
Isophorone	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Naphthalene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Nitrobenzene	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodimethylamine	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
Pentachlorophenol	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
Phenanthrene	2400	250	100	ug/Kg	12/19/14	DD	SW 8270
Phenol	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Pyrene	2200	250	120	ug/Kg	12/19/14	DD	SW 8270
Pyridine	ND	250	87	ug/Kg	12/19/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	73			%	12/19/14	DD	19 - 122 %
% 2-Fluorobiphenyl	76			%	12/19/14	DD	30 - 115 %
% 2-Fluorophenol	60			%	12/19/14	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	79			%	12/19/14	DD	23 - 120 %
% Phenol-d5	66			%	12/19/14	DD	24 - 113 %
% Terphenyl-d14	87			%	12/19/14	DD	18 - 137 %

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, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

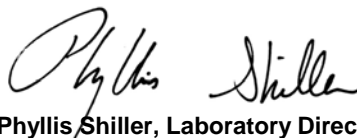
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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.

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Phyllis Shiller, Laboratory Director

January 15, 2015

Reviewed and Released by: Tina Covensky



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

Analysis Report
 January 15, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

12/17/14
 12/18/14

Time

12:30
 17:28

Laboratory Data

SDG ID: GBH55363
 Phoenix ID: BH55370

Project ID: 39-40 30TH ST., QUEENS
 Client ID: B13 13-15

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35	0.35	0.35	mg/Kg	12/19/14	LK	SW6010
Aluminum	5590	35	6.9	mg/Kg	12/19/14	LK	SW6010
Arsenic	0.8	0.7	0.69	mg/Kg	12/19/14	LK	SW6010
Barium	17.8	0.7	0.35	mg/Kg	12/19/14	LK	SW6010
Beryllium	0.26	B 0.28	0.14	mg/Kg	12/19/14	LK	SW6010
Calcium	1460	* 3.5	3.2	mg/Kg	12/19/14	LK	SW6010
Cadmium	< 0.35	0.35	0.14	mg/Kg	12/19/14	LK	SW6010
Cobalt	6.48	0.35	0.35	mg/Kg	12/19/14	LK	SW6010
Chromium	12.7	0.35	0.35	mg/Kg	12/19/14	LK	SW6010
Copper	14.4	0.35	0.35	mg/kg	12/19/14	LK	SW6010
Iron	10700	35	35	mg/Kg	12/19/14	LK	SW6010
Mercury	< 0.09	0.09	0.05	mg/Kg	12/19/14	RS	SW-7471
Potassium	621	N 7	2.7	mg/Kg	12/19/14	LK	SW6010
Magnesium	3210	3.5	3.5	mg/Kg	12/19/14	LK	SW6010
Manganese	244	N* 3.5	3.5	mg/Kg	12/19/14	LK	SW6010
Sodium	93	N 7	3.0	mg/Kg	12/19/14	LK	SW6010
Nickel	11.9	0.35	0.35	mg/Kg	12/19/14	LK	SW6010
Lead	3.0	0.7	0.35	mg/Kg	12/19/14	LK	SW6010
Antimony	< 1.7	N 1.7	1.7	mg/Kg	12/19/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	12/19/14	LK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	12/19/14	LK	SW6010
Vanadium	17.9	0.3	0.35	mg/Kg	12/19/14	LK	SW6010
Zinc	24.4	0.7	0.35	mg/Kg	12/19/14	LK	SW6010
Percent Solid	94			%	12/18/14	I	SW846
Soil Extraction for PCB	Completed				12/18/14	BC/H	SW3545
Soil Extraction for Pesticide	Completed				12/18/14	BC	SW3545
Soil Extraction for SVOA	Completed				12/18/14	BJ/VH	SW3545
Mercury Digestion	Completed				12/19/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				12/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				12/17/14		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1221	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1232	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1242	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1248	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1254	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1260	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1262	ND	35	35	ug/Kg	12/19/14	AW	SW 8082
PCB-1268	ND	35	35	ug/Kg	12/19/14	AW	SW 8082

QA/QC Surrogates

% DCBP	90			%	12/19/14	AW	30 - 150 %
% TCMX	91			%	12/19/14	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.1	2.1	ug/Kg	12/22/14	CE	SW8081
4,4' -DDE	ND	2.1	2.1	ug/Kg	12/22/14	CE	SW8081
4,4' -DDT	ND	2.1	2.1	ug/Kg	12/22/14	CE	SW8081
a-BHC	ND	6.9	6.9	ug/Kg	12/22/14	CE	SW8081
a-Chlordane	ND	3.5	3.5	ug/Kg	12/22/14	CE	SW8081
Aldrin	ND	3.5	3.5	ug/Kg	12/22/14	CE	SW8081
b-BHC	ND	6.9	6.9	ug/Kg	12/22/14	CE	SW8081
d-BHC	ND	6.9	6.9	ug/Kg	12/22/14	CE	SW8081
Dieldrin	ND	3.5	3.5	ug/Kg	12/22/14	CE	SW8081
Endosulfan I	ND	6.9	6.9	ug/Kg	12/22/14	CE	SW8081
Endosulfan II	ND	6.9	6.9	ug/Kg	12/22/14	CE	SW8081
Endosulfan sulfate	ND	6.9	6.9	ug/Kg	12/22/14	CE	SW8081
Endrin	ND	6.9	6.9	ug/Kg	12/22/14	CE	SW8081
Endrin aldehyde	ND	6.9	6.9	ug/Kg	12/22/14	CE	SW8081
Endrin ketone	ND	6.9	6.9	ug/Kg	12/22/14	CE	SW8081
g-BHC	ND	1.4	1.4	ug/Kg	12/22/14	CE	SW8081
g-Chlordane	ND	3.5	3.5	ug/Kg	12/22/14	CE	SW8081
Heptachlor	ND	6.9	6.9	ug/Kg	12/22/14	CE	SW8081
Heptachlor epoxide	ND	6.9	6.9	ug/Kg	12/22/14	CE	SW8081
Methoxychlor	ND	35	35	ug/Kg	12/22/14	CE	SW8081
Toxaphene	ND	140	140	ug/Kg	12/22/14	CE	SW8081

QA/QC Surrogates

% DCBP	93			%	12/22/14	CE	30 - 150 %
% TCMX	92			%	12/22/14	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.9	0.80	ug/Kg	12/19/14	JLI	SW8260
1,1,1-Trichloroethane	ND	4.9	0.98	ug/Kg	12/19/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	4.9	0.69	ug/Kg	12/19/14	JLI	SW8260
1,1,2-Trichloroethane	ND	4.9	0.48	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethane	ND	4.9	0.97	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethene	ND	4.9	1.1	ug/Kg	12/19/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	4.9	0.95	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	4.9	0.98	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichloropropane	ND	4.9	0.69	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	4.9	0.70	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	4.9	1.3	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromoethane	ND	4.9	1.3	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichlorobenzene	ND	4.9	0.54	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloroethane	ND	4.9	0.43	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloropropane	ND	4.9	0.69	ug/Kg	12/19/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	4.9	0.65	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichlorobenzene	ND	4.9	0.72	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichloropropane	ND	4.9	0.52	ug/Kg	12/19/14	JLI	SW8260
1,4-Dichlorobenzene	ND	4.9	0.77	ug/Kg	12/19/14	JLI	SW8260
2,2-Dichloropropane	ND	4.9	0.82	ug/Kg	12/19/14	JLI	SW8260
2-Chlorotoluene	ND	4.9	0.78	ug/Kg	12/19/14	JLI	SW8260
2-Hexanone	ND	24	2.2	ug/Kg	12/19/14	JLI	SW8260
2-Isopropyltoluene	ND	4.9	0.68	ug/Kg	12/19/14	JLI	SW8260
4-Chlorotoluene	ND	4.9	0.57	ug/Kg	12/19/14	JLI	SW8260
4-Methyl-2-pentanone	ND	24	1.2	ug/Kg	12/19/14	JLI	SW8260
Acetone	ND	49	4.9	ug/Kg	12/19/14	JLI	SW8260
Acrylonitrile	ND	9.8	2.8	ug/Kg	12/19/14	JLI	SW8260
Benzene	ND	4.9	0.97	ug/Kg	12/19/14	JLI	SW8260
Bromobenzene	ND	4.9	0.64	ug/Kg	12/19/14	JLI	SW8260
Bromochloromethane	ND	4.9	0.71	ug/Kg	12/19/14	JLI	SW8260
Bromodichloromethane	ND	4.9	0.61	ug/Kg	12/19/14	JLI	SW8260
Bromoform	ND	4.9	0.69	ug/Kg	12/19/14	JLI	SW8260
Bromomethane	ND	4.9	3.8	ug/Kg	12/19/14	JLI	SW8260
Carbon Disulfide	ND	4.9	0.79	ug/Kg	12/19/14	JLI	SW8260
Carbon tetrachloride	ND	4.9	0.57	ug/Kg	12/19/14	JLI	SW8260
Chlorobenzene	ND	4.9	0.72	ug/Kg	12/19/14	JLI	SW8260
Chloroethane	ND	4.9	1.1	ug/Kg	12/19/14	JLI	SW8260
Chloroform	ND	4.9	0.89	ug/Kg	12/19/14	JLI	SW8260
Chloromethane	ND	4.9	2.6	ug/Kg	12/19/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	4.9	1.1	ug/Kg	12/19/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	4.9	0.53	ug/Kg	12/19/14	JLI	SW8260
Dibromochloromethane	ND	4.9	0.55	ug/Kg	12/19/14	JLI	SW8260
Dibromomethane	ND	4.9	0.62	ug/Kg	12/19/14	JLI	SW8260
Dichlorodifluoromethane	ND	4.9	1.3	ug/Kg	12/19/14	JLI	SW8260
Ethylbenzene	ND	4.9	0.89	ug/Kg	12/19/14	JLI	SW8260
Hexachlorobutadiene	ND	4.9	1.0	ug/Kg	12/19/14	JLI	SW8260
Isopropylbenzene	ND	4.9	0.94	ug/Kg	12/19/14	JLI	SW8260
m&p-Xylene	ND	4.9	1.9	ug/Kg	12/19/14	JLI	SW8260
Methyl Ethyl Ketone	ND	29	4.2	ug/Kg	12/19/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	9.8	1.4	ug/Kg	12/19/14	JLI	SW8260
Methylene chloride	1.6	JBS	4.9	0.80	ug/Kg	JLI	SW8260
Naphthalene	ND	4.9	1.3	ug/Kg	12/19/14	JLI	SW8260
n-Butylbenzene	ND	4.9	0.89	ug/Kg	12/19/14	JLI	SW8260
n-Propylbenzene	ND	4.9	0.88	ug/Kg	12/19/14	JLI	SW8260

1

B

B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	4.9	1.9	ug/Kg	12/19/14	JLI	SW8260
p-Isopropyltoluene	22	4.9	0.70	ug/Kg	12/19/14	JLI	SW8260
sec-Butylbenzene	ND	4.9	0.92	ug/Kg	12/19/14	JLI	SW8260
Styrene	ND	4.9	1.4	ug/Kg	12/19/14	JLI	SW8260
tert-Butylbenzene	ND	4.9	0.78	ug/Kg	12/19/14	JLI	SW8260
Tetrachloroethene	ND	4.9	1.0	ug/Kg	12/19/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	9.8	4.4	ug/Kg	12/19/14	JLI	SW8260
Toluene	ND	4.9	0.77	ug/Kg	12/19/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	4.9	0.98	ug/Kg	12/19/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	4.9	1.0	ug/Kg	12/19/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	9.8	9.1	ug/Kg	12/19/14	JLI	SW8260
Trichloroethene	ND	4.9	1.0	ug/Kg	12/19/14	JLI	SW8260
Trichlorofluoromethane	ND	4.9	1.1	ug/Kg	12/19/14	JLI	SW8260
Trichlorotrifluoroethane	ND	4.9	0.76	ug/Kg	12/19/14	JLI	SW8260
Vinyl chloride	ND	4.9	1.6	ug/Kg	12/19/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101			%	12/19/14	JLI	70 - 121 %
% Bromofluorobenzene	99			%	12/19/14	JLI	59 - 113 %
% Dibromofluoromethane	102			%	12/19/14	JLI	70 - 130 %
% Toluene-d8	94			%	12/19/14	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
1,2-Dichlorobenzene	ND	240	97	ug/Kg	12/19/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
1,3-Dichlorobenzene	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
1,4-Dichlorobenzene	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	12/19/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
2,4-Dichlorophenol	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
2,4-Dimethylphenol	ND	240	86	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrophenol	ND	1700	240	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrotoluene	ND	240	140	ug/Kg	12/19/14	DD	SW 8270
2,6-Dinitrotoluene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
2-Chloronaphthalene	ND	240	98	ug/Kg	12/19/14	DD	SW 8270
2-Chlorophenol	ND	240	98	ug/Kg	12/19/14	DD	SW 8270
2-Methylnaphthalene	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	12/19/14	DD	SW 8270
2-Nitroaniline	ND	1700	350	ug/Kg	12/19/14	DD	SW 8270
2-Nitrophenol	ND	240	220	ug/Kg	12/19/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	240	140	ug/Kg	12/19/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	690	160	ug/Kg	12/19/14	DD	SW 8270
3-Nitroaniline	ND	1700	750	ug/Kg	12/19/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1700	370	ug/Kg	12/19/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
4-Chloroaniline	ND	690	160	ug/Kg	12/19/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
4-Nitroaniline	ND	1700	120	ug/Kg	12/19/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	1700	160	ug/Kg	12/19/14	DD	SW 8270
Acenaphthene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Acenaphthylene	ND	240	97	ug/Kg	12/19/14	DD	SW 8270
Acetophenone	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Aniline	ND	1700	700	ug/Kg	12/19/14	DD	SW 8270
Anthracene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Benz(a)anthracene	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
Benzdine	ND	690	200	ug/Kg	12/19/14	DD	SW 8270
Benzo(a)pyrene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Benzo(b)fluoranthene	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(ghi)perylene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Benzo(k)fluoranthene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Benzoic acid	ND	1700	690	ug/Kg	12/19/14	DD	SW 8270 1
Benzyl butyl phthalate	ND	240	89	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	240	95	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	240	93	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	96	ug/Kg	12/19/14	DD	SW 8270 1
Bis(2-ethylhexyl)phthalate	ND	240	99	ug/Kg	12/19/14	DD	SW 8270
Carbazole	ND	1700	260	ug/Kg	12/19/14	DD	SW 8270
Chrysene	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Dibenzofuran	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
Diethyl phthalate	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Dimethylphthalate	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Di-n-butylphthalate	ND	240	92	ug/Kg	12/19/14	DD	SW 8270
Di-n-octylphthalate	ND	240	89	ug/Kg	12/19/14	DD	SW 8270
Fluoranthene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Fluorene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobenzene	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobutadiene	ND	240	130	ug/Kg	12/19/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Hexachloroethane	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Isophorone	ND	240	97	ug/Kg	12/19/14	DD	SW 8270
Naphthalene	ND	240	99	ug/Kg	12/19/14	DD	SW 8270
Nitrobenzene	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodimethylamine	ND	240	97	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	12/19/14	DD	SW 8270
Pentachloronitrobenzene	ND	240	130	ug/Kg	12/19/14	DD	SW 8270
Pentachlorophenol	ND	240	130	ug/Kg	12/19/14	DD	SW 8270
Phenanthrene	ND	240	99	ug/Kg	12/19/14	DD	SW 8270
Phenol	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Pyrene	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
Pyridine	ND	240	85	ug/Kg	12/19/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	80			%	12/19/14	DD	19 - 122 %
% 2-Fluorobiphenyl	74			%	12/19/14	DD	30 - 115 %
% 2-Fluorophenol	55			%	12/19/14	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	71			%	12/19/14	DD	23 - 120 %
% Phenol-d5	62			%	12/19/14	DD	24 - 113 %
% Terphenyl-d14	112			%	12/19/14	DD	18 - 137 %

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, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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.

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Phyllis Shiller, Laboratory Director

January 15, 2015

Reviewed and Released by: Tina Covensky



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

Analysis Report
 January 15, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

12/17/14
 12/18/14

Time

13:00
 17:28

Laboratory Data

SDG ID: GBH55363
 Phoenix ID: BH55371

Project ID: 39-40 30TH ST., QUEENS
 Client ID: B14 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	2.38	0.32	0.32	mg/Kg	12/19/14	LK	SW6010
Aluminum	5710	32	6.5	mg/Kg	12/19/14	LK	SW6010
Arsenic	4.2	0.6	0.65	mg/Kg	12/19/14	LK	SW6010
Barium	135	0.6	0.32	mg/Kg	12/19/14	LK	SW6010
Beryllium	0.27	0.26	0.13	mg/Kg	12/19/14	LK	SW6010
Calcium	36200	* 32	30	mg/Kg	12/19/14	LK	SW6010
Cadmium	2.49	0.32	0.13	mg/Kg	12/19/14	LK	SW6010
Cobalt	12.9	0.32	0.32	mg/Kg	12/19/14	LK	SW6010
Chromium	45.1	0.32	0.32	mg/Kg	12/19/14	LK	SW6010
Copper	111	0.32	0.32	mg/kg	12/19/14	LK	SW6010
Iron	15100	32	32	mg/Kg	12/19/14	LK	SW6010
Mercury	0.30	0.07	0.04	mg/Kg	12/19/14	RS	SW-7471
Potassium	1160	N 6	2.5	mg/Kg	12/19/14	LK	SW6010
Magnesium	6610	32	32	mg/Kg	12/19/14	LK	SW6010
Manganese	284	N* 3.2	3.2	mg/Kg	12/19/14	LK	SW6010
Sodium	187	N 6	2.8	mg/Kg	12/19/14	LK	SW6010
Nickel	27.5	0.32	0.32	mg/Kg	12/19/14	LK	SW6010
Lead	230	6.5	3.2	mg/Kg	12/19/14	LK	SW6010
Antimony	< 1.6	N 1.6	1.6	mg/Kg	12/19/14	LK	SW6010
Selenium	< 1.3	B 1.3	1.1	mg/Kg	12/19/14	LK	SW6010
Thallium	< 1.3	1.3	1.3	mg/Kg	12/19/14	LK	SW6010
Vanadium	33.9	0.3	0.32	mg/Kg	12/19/14	LK	SW6010
Zinc	928	6.5	3.2	mg/Kg	12/19/14	LK	SW6010
Percent Solid	91			%	12/18/14	I	SW846
Soil Extraction for PCB	Completed				12/18/14	BC/H	SW3545
Soil Extraction for Pesticide	Completed				12/18/14	BC	SW3545
Soil Extraction for SVOA	Completed				12/18/14	BJ/VH	SW3545
Mercury Digestion	Completed				12/19/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				12/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				12/17/14		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1260	100	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	12/19/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	12/19/14	AW	SW 8082

QA/QC Surrogates

% DCBP	97			%	12/19/14	AW	30 - 150 %
% TCMX	97			%	12/19/14	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	12/22/14	CE	SW8081
4,4' -DDE	ND	2.2	2.2	ug/Kg	12/22/14	CE	SW8081
4,4' -DDT	ND	4.0	4.0	ug/Kg	12/22/14	CE	SW8081
a-BHC	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
a-Chlordane	ND	15	15	ug/Kg	12/22/14	CE	SW8081
Aldrin	ND	3.6	3.6	ug/Kg	12/22/14	CE	SW8081
b-BHC	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Chlordane	ND	36	36	ug/Kg	12/22/14	CE	SW8081
d-BHC	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Dieldrin	ND	6.0	6.0	ug/Kg	12/22/14	CE	SW8081
Endosulfan I	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Endosulfan II	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Endosulfan sulfate	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Endrin	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Endrin aldehyde	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Endrin ketone	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
g-BHC	ND	1.5	1.5	ug/Kg	12/22/14	CE	SW8081
g-Chlordane	ND	15	15	ug/Kg	12/22/14	CE	SW8081
Heptachlor	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Heptachlor epoxide	ND	7.3	7.3	ug/Kg	12/22/14	CE	SW8081
Methoxychlor	ND	36	36	ug/Kg	12/22/14	CE	SW8081
Toxaphene	ND	150	150	ug/Kg	12/22/14	CE	SW8081

QA/QC Surrogates

% DCBP	77			%	12/22/14	CE	30 - 150 %
% TCMX	83			%	12/22/14	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.2	0.86	ug/Kg	12/19/14	JLI	SW8260
1,1,1-Trichloroethane	ND	5.2	1.0	ug/Kg	12/19/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	5.2	0.74	ug/Kg	12/19/14	JLI	SW8260
1,1,2-Trichloroethane	ND	5.2	0.51	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethane	ND	5.2	1.0	ug/Kg	12/19/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.2	1.1	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloropropene	ND	5.2	1.0	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	5.2	1.0	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichloropropane	ND	5.2	0.74	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	5.2	0.75	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	5.2	1.4	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromoethane	ND	5.2	1.4	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichlorobenzene	ND	5.2	0.57	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloroethane	ND	5.2	0.46	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloropropane	ND	5.2	0.74	ug/Kg	12/19/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	5.2	0.69	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichlorobenzene	ND	5.2	0.77	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichloropropane	ND	5.2	0.55	ug/Kg	12/19/14	JLI	SW8260
1,4-Dichlorobenzene	ND	5.2	0.82	ug/Kg	12/19/14	JLI	SW8260
2,2-Dichloropropane	ND	5.2	0.88	ug/Kg	12/19/14	JLI	SW8260
2-Chlorotoluene	ND	5.2	0.84	ug/Kg	12/19/14	JLI	SW8260
2-Hexanone	ND	26	2.3	ug/Kg	12/19/14	JLI	SW8260
2-Isopropyltoluene	ND	5.2	0.72	ug/Kg	12/19/14	JLI	SW8260
4-Chlorotoluene	ND	5.2	0.61	ug/Kg	12/19/14	JLI	SW8260
4-Methyl-2-pentanone	ND	26	1.2	ug/Kg	12/19/14	JLI	SW8260
Acetone	83	BS	50	5.2	ug/Kg	12/19/14	JLI SW8260
Acrylonitrile	ND	10	2.9	ug/Kg	12/19/14	JLI	SW8260
Benzene	ND	5.2	1.0	ug/Kg	12/19/14	JLI	SW8260
Bromobenzene	ND	5.2	0.68	ug/Kg	12/19/14	JLI	SW8260
Bromochloromethane	ND	5.2	0.76	ug/Kg	12/19/14	JLI	SW8260
Bromodichloromethane	ND	5.2	0.65	ug/Kg	12/19/14	JLI	SW8260
Bromoform	ND	5.2	0.73	ug/Kg	12/19/14	JLI	SW8260
Bromomethane	ND	5.2	4.0	ug/Kg	12/19/14	JLI	SW8260
Carbon Disulfide	1.9	J	5.2	0.85	ug/Kg	12/19/14	JLI SW8260
Carbon tetrachloride	ND	5.2	0.61	ug/Kg	12/19/14	JLI	SW8260
Chlorobenzene	ND	5.2	0.77	ug/Kg	12/19/14	JLI	SW8260
Chloroethane	ND	5.2	1.2	ug/Kg	12/19/14	JLI	SW8260
Chloroform	ND	5.2	0.95	ug/Kg	12/19/14	JLI	SW8260
Chloromethane	ND	5.2	2.7	ug/Kg	12/19/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	5.2	1.1	ug/Kg	12/19/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	5.2	0.56	ug/Kg	12/19/14	JLI	SW8260
Dibromochloromethane	ND	5.2	0.58	ug/Kg	12/19/14	JLI	SW8260
Dibromomethane	ND	5.2	0.66	ug/Kg	12/19/14	JLI	SW8260
Dichlorodifluoromethane	ND	5.2	1.4	ug/Kg	12/19/14	JLI	SW8260
Ethylbenzene	ND	5.2	0.95	ug/Kg	12/19/14	JLI	SW8260
Hexachlorobutadiene	ND	5.2	1.1	ug/Kg	12/19/14	JLI	SW8260
Isopropylbenzene	ND	5.2	1.0	ug/Kg	12/19/14	JLI	SW8260
m&p-Xylene	ND	5.2	2.1	ug/Kg	12/19/14	JLI	SW8260
Methyl Ethyl Ketone	19	J	31	4.5	ug/Kg	12/19/14	JLI SW8260
Methyl t-butyl ether (MTBE)	ND	10	1.4	ug/Kg	12/19/14	JLI	SW8260
Methylene chloride	2.0	JBS	5.2	0.86	ug/Kg	12/19/14	JLI SW8260
Naphthalene	ND	5.2	1.4	ug/Kg	12/19/14	JLI	SW8260
n-Butylbenzene	ND	5.2	0.95	ug/Kg	12/19/14	JLI	SW8260

1

B

B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Propylbenzene	ND	5.2	0.94	ug/Kg	12/19/14	JLI	SW8260
o-Xylene	ND	5.2	2.0	ug/Kg	12/19/14	JLI	SW8260
p-Isopropyltoluene	ND	5.2	0.75	ug/Kg	12/19/14	JLI	SW8260
sec-Butylbenzene	ND	5.2	0.98	ug/Kg	12/19/14	JLI	SW8260
Styrene	ND	5.2	1.5	ug/Kg	12/19/14	JLI	SW8260
tert-Butylbenzene	ND	5.2	0.84	ug/Kg	12/19/14	JLI	SW8260
Tetrachloroethene	92	J 280	59	ug/Kg	12/19/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	10	4.7	ug/Kg	12/19/14	JLI	SW8260
Toluene	ND	5.2	0.82	ug/Kg	12/19/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	5.2	1.0	ug/Kg	12/19/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	5.2	1.1	ug/Kg	12/19/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	10	9.7	ug/Kg	12/19/14	JLI	SW8260
Trichloroethene	120	J 280	59	ug/Kg	12/19/14	JLI	SW8260
Trichlorofluoromethane	ND	5.2	1.2	ug/Kg	12/19/14	JLI	SW8260
Trichlorotrifluoroethane	ND	5.2	0.81	ug/Kg	12/19/14	JLI	SW8260
Vinyl chloride	ND	5.2	1.7	ug/Kg	12/19/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	93			%	12/19/14	JLI	70 - 121 %
% Bromofluorobenzene	85			%	12/19/14	JLI	59 - 113 %
% Dibromofluoromethane	76			%	12/19/14	JLI	70 - 130 %
% Toluene-d8	89			%	12/19/14	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
1,3-Dichlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
1,4-Dichlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	12/19/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
2,4-Dichlorophenol	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
2,4-Dimethylphenol	ND	250	90	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrophenol	ND	1800	250	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	12/19/14	DD	SW 8270
2-Nitroaniline	ND	1800	370	ug/Kg	12/19/14	DD	SW 8270
2-Nitrophenol	ND	250	230	ug/Kg	12/19/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	720	170	ug/Kg	12/19/14	DD	SW 8270
3-Nitroaniline	ND	1800	790	ug/Kg	12/19/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	12/19/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
4-Chloroaniline	ND	720	170	ug/Kg	12/19/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	12/19/14	DD	SW 8270

Client ID: B14 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	1800	120	ug/Kg	12/19/14	DD	SW 8270
4-Nitrophenol	ND	1800	160	ug/Kg	12/19/14	DD	SW 8270
Acenaphthene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Acenaphthylene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Aniline	ND	1800	730	ug/Kg	12/19/14	DD	SW 8270
Anthracene	140	J 250	120	ug/Kg	12/19/14	DD	SW 8270
Benz(a)anthracene	480	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzidine	ND	720	210	ug/Kg	12/19/14	DD	SW 8270
Benzo(a)pyrene	470	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(b)fluoranthene	740	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(ghi)perylene	230	J 250	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(k)fluoranthene	270	250	120	ug/Kg	12/19/14	DD	SW 8270
Benzoic acid	ND	1800	720	ug/Kg	12/19/14	DD	SW 8270
Benzyl butyl phthalate	240	J 250	93	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	98	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	420	250	100	ug/Kg	12/19/14	DD	SW 8270
Carbazole	ND	1800	270	ug/Kg	12/19/14	DD	SW 8270
Chrysene	560	250	120	ug/Kg	12/19/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
Dibenzofuran	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Dimethylphthalate	450	250	110	ug/Kg	12/19/14	DD	SW 8270
Di-n-butylphthalate	130	J 250	96	ug/Kg	12/19/14	DD	SW 8270
Di-n-octylphthalate	ND	250	93	ug/Kg	12/19/14	DD	SW 8270
Fluoranthene	1100	250	120	ug/Kg	12/19/14	DD	SW 8270
Fluorene	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobenzene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	12/19/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	180	J 250	120	ug/Kg	12/19/14	DD	SW 8270
Isophorone	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Naphthalene	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
Nitrobenzene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodimethylamine	ND	250	100	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	12/19/14	DD	SW 8270
Pentachlorophenol	ND	250	140	ug/Kg	12/19/14	DD	SW 8270
Phenanthrene	770	250	100	ug/Kg	12/19/14	DD	SW 8270
Phenol	ND	250	120	ug/Kg	12/19/14	DD	SW 8270
Pyrene	940	250	120	ug/Kg	12/19/14	DD	SW 8270
Pyridine	ND	250	89	ug/Kg	12/19/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	35			%	12/19/14	DD	19 - 122 %
% 2-Fluorobiphenyl	79			%	12/19/14	DD	30 - 115 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	62			%	12/19/14	DD	25 - 121 %
% Nitrobenzene-d5	68			%	12/19/14	DD	23 - 120 %
% Phenol-d5	71			%	12/19/14	DD	24 - 113 %
% Terphenyl-d14	84			%	12/19/14	DD	18 - 137 %

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, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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.

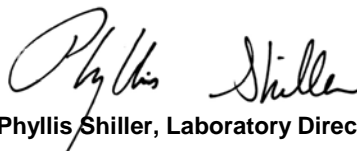
Pesticide Comment:

Due to matrix interference caused by the presence of PCBs in the sample, an elevated RL was reported.

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

January 15, 2015

Reviewed and Released by: Tina Covensky



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

Analysis Report
 January 15, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

12/17/14
 12/18/14

Time

13:30
 17:28

Laboratory Data

SDG ID: GBH55363
 Phoenix ID: BH55372

Project ID: 39-40 30TH ST., QUEENS
 Client ID: B14 8-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.31	0.31	0.31	mg/Kg	12/19/14	LK	SW6010
Aluminum	4980	31	6.1	mg/Kg	12/19/14	LK	SW6010
Arsenic	0.7	0.6	0.61	mg/Kg	12/19/14	LK	SW6010
Barium	36.1	0.6	0.31	mg/Kg	12/19/14	LK	SW6010
Beryllium	0.26	0.25	0.12	mg/Kg	12/19/14	LK	SW6010
Calcium	3740	* 3.1	2.8	mg/Kg	12/19/14	LK	SW6010
Cadmium	0.33	0.31	0.12	mg/Kg	12/19/14	LK	SW6010
Cobalt	5.88	0.31	0.31	mg/Kg	12/19/14	LK	SW6010
Chromium	9.66	0.31	0.31	mg/Kg	12/19/14	LK	SW6010
Copper	13.3	0.31	0.31	mg/kg	12/19/14	LK	SW6010
Iron	11500	31	31	mg/Kg	12/19/14	LK	SW6010
Mercury	< 0.07	0.07	0.04	mg/Kg	12/19/14	RS	SW-7471
Potassium	1320	N 6	2.4	mg/Kg	12/19/14	LK	SW6010
Magnesium	3610	3.1	3.1	mg/Kg	12/19/14	LK	SW6010
Manganese	286	N* 3.1	3.1	mg/Kg	12/19/14	LK	SW6010
Sodium	160	N 6	2.6	mg/Kg	12/19/14	LK	SW6010
Nickel	11.2	0.31	0.31	mg/Kg	12/19/14	LK	SW6010
Lead	22.2	0.6	0.31	mg/Kg	12/19/14	LK	SW6010
Antimony	< 1.5	N 1.5	1.5	mg/Kg	12/19/14	LK	SW6010
Selenium	< 1.2	1.2	1.0	mg/Kg	12/19/14	LK	SW6010
Thallium	< 1.2	1.2	1.2	mg/Kg	12/19/14	LK	SW6010
Vanadium	13.4	0.3	0.31	mg/Kg	12/19/14	LK	SW6010
Zinc	75.2	0.6	0.31	mg/Kg	12/19/14	LK	SW6010
Percent Solid	96			%	12/18/14	I	SW846
Soil Extraction for PCB	Completed				12/18/14	BC/H	SW3545
Soil Extraction for Pesticide	Completed				12/18/14	BC	SW3545
Soil Extraction for SVOA	Completed				12/18/14	BJ/VH	SW3545
Mercury Digestion	Completed				12/19/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				12/18/14	CB/AG	SW846 - 3050
Field Extraction	Completed				12/17/14		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
PCB-1221	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
PCB-1232	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
PCB-1242	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
PCB-1248	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
PCB-1254	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
PCB-1260	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
PCB-1262	ND	34	34	ug/Kg	12/19/14	AW	SW 8082
PCB-1268	ND	34	34	ug/Kg	12/19/14	AW	SW 8082

QA/QC Surrogates

% DCBP	90			%	12/19/14	AW	30 - 150 %
% TCMX	87			%	12/19/14	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.1	2.1	ug/Kg	12/22/14	C/P	SW8081
4,4' -DDE	ND	2.1	2.1	ug/Kg	12/22/14	C/P	SW8081
4,4' -DDT	ND	2.1	2.1	ug/Kg	12/22/14	C/P	SW8081
a-BHC	ND	6.9	6.9	ug/Kg	12/22/14	C/P	SW8081
a-Chlordane	ND	3.4	3.4	ug/Kg	12/22/14	C/P	SW8081
Aldrin	ND	3.4	3.4	ug/Kg	12/22/14	C/P	SW8081
b-BHC	ND	6.9	6.9	ug/Kg	12/22/14	C/P	SW8081
d-BHC	ND	6.9	6.9	ug/Kg	12/22/14	C/P	SW8081
Dieldrin	ND	3.4	3.4	ug/Kg	12/22/14	C/P	SW8081
Endosulfan I	ND	6.9	6.9	ug/Kg	12/22/14	C/P	SW8081
Endosulfan II	ND	6.9	6.9	ug/Kg	12/22/14	C/P	SW8081
Endosulfan sulfate	ND	6.9	6.9	ug/Kg	12/22/14	C/P	SW8081
Endrin	ND	6.9	6.9	ug/Kg	12/22/14	C/P	SW8081
Endrin aldehyde	ND	6.9	6.9	ug/Kg	12/22/14	C/P	SW8081
Endrin ketone	ND	6.9	6.9	ug/Kg	12/22/14	C/P	SW8081
g-BHC	ND	1.4	1.4	ug/Kg	12/22/14	C/P	SW8081
g-Chlordane	ND	3.4	3.4	ug/Kg	12/22/14	C/P	SW8081
Heptachlor	ND	6.9	6.9	ug/Kg	12/22/14	C/P	SW8081
Heptachlor epoxide	ND	6.9	6.9	ug/Kg	12/22/14	C/P	SW8081
Methoxychlor	ND	34	34	ug/Kg	12/22/14	C/P	SW8081
Toxaphene	ND	140	140	ug/Kg	12/22/14	C/P	SW8081

QA/QC Surrogates

% DCBP	88			%	12/22/14	C/P	30 - 150 %
% TCMX	87			%	12/22/14	C/P	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.5	0.74	ug/Kg	12/19/14	JLI	SW8260
1,1,1-Trichloroethane	ND	4.5	0.91	ug/Kg	12/19/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	4.5	0.64	ug/Kg	12/19/14	JLI	SW8260
1,1,2-Trichloroethane	ND	4.5	0.44	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethane	ND	4.5	0.90	ug/Kg	12/19/14	JLI	SW8260
1,1-Dichloroethene	ND	4.5	0.99	ug/Kg	12/19/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	4.5	0.88	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	4.5	0.91	ug/Kg	12/19/14	JLI	SW8260
1,2,3-Trichloropropane	ND	4.5	0.64	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	4.5	0.91	ug/Kg	12/19/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	4.5	0.65	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	4.5	1.2	ug/Kg	12/19/14	JLI	SW8260
1,2-Dibromoethane	ND	4.5	1.2	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichlorobenzene	ND	4.5	0.50	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloroethane	ND	4.5	0.40	ug/Kg	12/19/14	JLI	SW8260
1,2-Dichloropropane	ND	4.5	0.64	ug/Kg	12/19/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	4.5	0.60	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichlorobenzene	ND	4.5	0.67	ug/Kg	12/19/14	JLI	SW8260
1,3-Dichloropropane	ND	4.5	0.48	ug/Kg	12/19/14	JLI	SW8260
1,4-Dichlorobenzene	ND	4.5	0.72	ug/Kg	12/19/14	JLI	SW8260
2,2-Dichloropropane	ND	4.5	0.76	ug/Kg	12/19/14	JLI	SW8260
2-Chlorotoluene	ND	4.5	0.73	ug/Kg	12/19/14	JLI	SW8260
2-Hexanone	ND	23	2.0	ug/Kg	12/19/14	JLI	SW8260
2-Isopropyltoluene	ND	4.5	0.63	ug/Kg	12/19/14	JLI	SW8260
4-Chlorotoluene	ND	4.5	0.53	ug/Kg	12/19/14	JLI	SW8260
4-Methyl-2-pentanone	ND	23	1.1	ug/Kg	12/19/14	JLI	SW8260
Acetone	ND	45	4.5	ug/Kg	12/19/14	JLI	SW8260
Acrylonitrile	ND	9.1	2.5	ug/Kg	12/19/14	JLI	SW8260
Benzene	ND	4.5	0.90	ug/Kg	12/19/14	JLI	SW8260
Bromobenzene	ND	4.5	0.59	ug/Kg	12/19/14	JLI	SW8260
Bromochloromethane	ND	4.5	0.66	ug/Kg	12/19/14	JLI	SW8260
Bromodichloromethane	ND	4.5	0.56	ug/Kg	12/19/14	JLI	SW8260
Bromoform	ND	4.5	0.63	ug/Kg	12/19/14	JLI	SW8260
Bromomethane	ND	4.5	3.5	ug/Kg	12/19/14	JLI	SW8260
Carbon Disulfide	ND	4.5	0.73	ug/Kg	12/19/14	JLI	SW8260
Carbon tetrachloride	ND	4.5	0.53	ug/Kg	12/19/14	JLI	SW8260
Chlorobenzene	ND	4.5	0.67	ug/Kg	12/19/14	JLI	SW8260
Chloroethane	ND	4.5	1.1	ug/Kg	12/19/14	JLI	SW8260
Chloroform	ND	4.5	0.82	ug/Kg	12/19/14	JLI	SW8260
Chloromethane	ND	4.5	2.4	ug/Kg	12/19/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	4.5	0.99	ug/Kg	12/19/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	4.5	0.49	ug/Kg	12/19/14	JLI	SW8260
Dibromochloromethane	ND	4.5	0.51	ug/Kg	12/19/14	JLI	SW8260
Dibromomethane	ND	4.5	0.57	ug/Kg	12/19/14	JLI	SW8260
Dichlorodifluoromethane	ND	4.5	1.2	ug/Kg	12/19/14	JLI	SW8260
Ethylbenzene	ND	4.5	0.82	ug/Kg	12/19/14	JLI	SW8260
Hexachlorobutadiene	ND	4.5	0.95	ug/Kg	12/19/14	JLI	SW8260
Isopropylbenzene	ND	4.5	0.87	ug/Kg	12/19/14	JLI	SW8260
m&p-Xylene	ND	4.5	1.8	ug/Kg	12/19/14	JLI	SW8260
Methyl Ethyl Ketone	ND	27	3.9	ug/Kg	12/19/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	9.1	1.3	ug/Kg	12/19/14	JLI	SW8260
Methylene chloride	1.8	JBS	4.5	0.74	ug/Kg	JLI	SW8260
Naphthalene	ND	4.5	1.2	ug/Kg	12/19/14	JLI	SW8260
n-Butylbenzene	ND	4.5	0.82	ug/Kg	12/19/14	JLI	SW8260
n-Propylbenzene	ND	4.5	0.82	ug/Kg	12/19/14	JLI	SW8260

1

B

B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	4.5	1.7	ug/Kg	12/19/14	JLI	SW8260
p-Isopropyltoluene	ND	4.5	0.65	ug/Kg	12/19/14	JLI	SW8260
sec-Butylbenzene	ND	4.5	0.85	ug/Kg	12/19/14	JLI	SW8260
Styrene	ND	4.5	1.3	ug/Kg	12/19/14	JLI	SW8260
tert-Butylbenzene	ND	4.5	0.73	ug/Kg	12/19/14	JLI	SW8260
Tetrachloroethene	ND	4.5	0.95	ug/Kg	12/19/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	9.1	4.1	ug/Kg	12/19/14	JLI	SW8260
Toluene	ND	4.5	0.72	ug/Kg	12/19/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	4.5	0.91	ug/Kg	12/19/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	4.5	0.92	ug/Kg	12/19/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	9.1	8.4	ug/Kg	12/19/14	JLI	SW8260
Trichloroethene	ND	4.5	0.96	ug/Kg	12/19/14	JLI	SW8260
Trichlorofluoromethane	ND	4.5	1.0	ug/Kg	12/19/14	JLI	SW8260
Trichlorotrifluoroethane	ND	4.5	0.71	ug/Kg	12/19/14	JLI	SW8260
Vinyl chloride	ND	4.5	1.5	ug/Kg	12/19/14	JLI	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	97			%	12/19/14	JLI	70 - 121 %
% Bromofluorobenzene	99			%	12/19/14	JLI	59 - 113 %
% Dibromofluoromethane	102			%	12/19/14	JLI	70 - 130 %
% Toluene-d8	93			%	12/19/14	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
1,2-Dichlorobenzene	ND	240	98	ug/Kg	12/19/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
1,3-Dichlorobenzene	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
1,4-Dichlorobenzene	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	12/19/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
2,4-Dichlorophenol	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
2,4-Dimethylphenol	ND	240	86	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrophenol	ND	1700	240	ug/Kg	12/19/14	DD	SW 8270
2,4-Dinitrotoluene	ND	240	140	ug/Kg	12/19/14	DD	SW 8270
2,6-Dinitrotoluene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
2-Chloronaphthalene	ND	240	98	ug/Kg	12/19/14	DD	SW 8270
2-Chlorophenol	ND	240	98	ug/Kg	12/19/14	DD	SW 8270
2-Methylnaphthalene	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	12/19/14	DD	SW 8270
2-Nitroaniline	ND	1700	350	ug/Kg	12/19/14	DD	SW 8270
2-Nitrophenol	ND	240	220	ug/Kg	12/19/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	240	140	ug/Kg	12/19/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	690	160	ug/Kg	12/19/14	DD	SW 8270
3-Nitroaniline	ND	1700	750	ug/Kg	12/19/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1700	370	ug/Kg	12/19/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
4-Chloroaniline	ND	690	160	ug/Kg	12/19/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
4-Nitroaniline	ND	1700	120	ug/Kg	12/19/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	1700	160	ug/Kg	12/19/14	DD	SW 8270
Acenaphthene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Acenaphthylene	ND	240	97	ug/Kg	12/19/14	DD	SW 8270
Acetophenone	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Aniline	ND	1700	700	ug/Kg	12/19/14	DD	SW 8270
Anthracene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Benz(a)anthracene	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
Benzdine	ND	690	200	ug/Kg	12/19/14	DD	SW 8270
Benzo(a)pyrene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Benzo(b)fluoranthene	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
Benzo(ghi)perylene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Benzo(k)fluoranthene	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
Benzoic acid	ND	1700	690	ug/Kg	12/19/14	DD	SW 8270
Benzyl butyl phthalate	ND	240	89	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	240	96	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	240	94	ug/Kg	12/19/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	96	ug/Kg	12/19/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
Carbazole	ND	1700	260	ug/Kg	12/19/14	DD	SW 8270
Chrysene	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Dibenzofuran	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
Diethyl phthalate	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Dimethylphthalate	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Di-n-butylphthalate	ND	240	92	ug/Kg	12/19/14	DD	SW 8270
Di-n-octylphthalate	ND	240	89	ug/Kg	12/19/14	DD	SW 8270
Fluoranthene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Fluorene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobenzene	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
Hexachlorobutadiene	ND	240	130	ug/Kg	12/19/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Hexachloroethane	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
Isophorone	ND	240	97	ug/Kg	12/19/14	DD	SW 8270
Naphthalene	ND	240	100	ug/Kg	12/19/14	DD	SW 8270
Nitrobenzene	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodimethylamine	ND	240	98	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	12/19/14	DD	SW 8270
Pentachloronitrobenzene	ND	240	130	ug/Kg	12/19/14	DD	SW 8270
Pentachlorophenol	ND	240	130	ug/Kg	12/19/14	DD	SW 8270
Phenanthrene	ND	240	99	ug/Kg	12/19/14	DD	SW 8270
Phenol	ND	240	110	ug/Kg	12/19/14	DD	SW 8270
Pyrene	ND	240	120	ug/Kg	12/19/14	DD	SW 8270
Pyridine	ND	240	85	ug/Kg	12/19/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	61			%	12/19/14	DD	19 - 122 %
% 2-Fluorobiphenyl	77			%	12/19/14	DD	30 - 115 %
% 2-Fluorophenol	61			%	12/19/14	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	71			%	12/19/14	DD	23 - 120 %
% Phenol-d5	68			%	12/19/14	DD	24 - 113 %
% Terphenyl-d14	92			%	12/19/14	DD	18 - 137 %

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, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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.

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Phyllis Shiller, Laboratory Director

January 15, 2015

Reviewed and Released by: Tina Covensky



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QA/QC Report

January 15, 2015

QA/QC Data

SDG I.D.: GBH55363

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 295319, QC Sample No: BH55363 (BH55363, BH55364, BH55365, BH55366, BH55367, BH55368, BH55369, BH55370, BH55371, BH55372)													
ICP Metals - Soil													
Aluminum	BRL	11400	10100	12.1	106	111	4.6	NC	NC	NC	80 - 120	30	
Antimony	BRL	<1.8	<3.8	NC	102	98.6	3.4	69.9	77.4	10.2	70 - 130	30	m
Arsenic	BRL	2.2	3.96	NC	113	121	6.8	99.4	103	3.6	80 - 120	30	l
Barium	BRL	84.0	76.8	9.00	123	123	0.0	107	109	1.9	80 - 120	30	l
Beryllium	BRL	0.52	0.48	NC	108	114	5.4	99.5	103	3.5	80 - 120	30	
Cadmium	BRL	<0.35	<0.38	NC	125	>130	NC	98.9	102	3.1	80 - 120	30	l
Calcium	BRL	8520	14500	52.0	110	115	4.4	NC	NC	NC	80 - 120	30	r
Chromium	BRL	21.9	18.3	17.9	112	119	6.1	101	104	2.9	80 - 120	30	
Cobalt	BRL	7.74	6.77	13.4	97.4	102	4.6	101	104	2.9	80 - 120	30	
Copper	BRL	28.8	23.8	19.0	104	109	4.7	113	115	1.8	80 - 120	30	
Iron	BRL	17000	16200	4.80	102	102	0.0	NC	NC	NC	80 - 120	30	
Lead	BRL	73.8	62.6	16.4	111	115	3.5	107	102	4.8	80 - 120	30	
Magnesium	BRL	4250	3910	8.30	111	116	4.4	NC	NC	NC	80 - 120	30	
Manganese	BRL	341	544	45.9	121	123	1.6	>130	>130	NC	80 - 120	30	l,m,r
Nickel	BRL	15.1	13.4	11.9	112	117	4.4	101	104	2.9	80 - 120	30	
Potassium	BRL	1170	934	22.4	102	106	3.8	>130	>130	NC	80 - 120	30	m
Selenium	BRL	<1.4	<1.5	NC	109	115	5.4	91.5	94.6	3.3	80 - 120	30	
Silver	BRL	0.47	<0.38	NC	111	119	7.0	104	108	3.8	70 - 130	30	
Sodium	BRL	352	300	16.0	110	115	4.4	>130	129	NC	80 - 120	30	m
Thallium	BRL	<1.4	<3.4	NC	112	119	6.1	101	103	2.0	80 - 120	30	
Vanadium	BRL	25.6	22.0	15.1	121	125	3.3	103	106	2.9	80 - 120	30	l
Zinc	BRL	59.1	55.5	6.30	123	123	0.0	111	101	9.4	80 - 120	30	l
QA/QC Batch 295361, QC Sample No: BH55363 (BH55363, BH55364, BH55365, BH55366, BH55367, BH55368, BH55369, BH55370, BH55371, BH55372)													
Mercury - Soil	BRL	0.41	0.22	NC	106	90.0	16.3	84.6	93.6	10.1	75 - 125	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.



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



QA/QC Report

January 15, 2015

QA/QC Data

SDG I.D.: GBH55363

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 295320, QC Sample No: BH55366 (BH55363, BH55364, BH55365, BH55366, BH55367, BH55368, BH55369, BH55370, BH55371, BH55372)

Pesticides - Soil

4,4' -DDD	ND	121	117	3.4	98	101	3.0	30 - 150	30
4,4' -DDE	ND	118	117	0.9	95	102	7.1	50 - 150	30
4,4' -DDT	ND	110	105	4.7	89	95	6.5	30 - 150	50
a-BHC	ND	106	107	0.9	90	90	0.0	30 - 150	30
a-Chlordane	ND	124	101	20.4	86	95	9.9	30 - 150	30
Aldrin	ND	112	72	43.5	69	91	27.5	30 - 150	43
b-BHC	ND	108	98	9.7	89	90	1.1	30 - 150	30
Chlordane	ND	113	104	8.3	93	98	5.2	30 - 150	30
d-BHC	ND	97	94	3.1	83	88	5.8	30 - 150	30
Dieldrin	ND	115	103	11.0	88	97	9.7	30 - 130	38
Endosulfan I	ND	112	102	9.3	89	96	7.6	30 - 150	30
Endosulfan II	ND	96	70	31.3	72	84	15.4	30 - 150	30
Endosulfan sulfate	ND	70	60	15.4	57	62	8.4	50 - 120	30
Endrin	ND	113	108	4.5	91	98	7.4	50 - 120	45
Endrin aldehyde	ND	71	54	27.2	79	71	10.7	30 - 150	30
Endrin ketone	ND	92	80	14.0	74	78	5.3	30 - 150	30
g-BHC	ND	111	108	2.7	89	92	3.3	50 - 120	50
g-Chlordane	ND	113	104	8.3	93	98	5.2	30 - 130	30
Heptachlor	ND	106	103	2.9	87	92	5.6	30 - 150	31
Heptachlor epoxide	ND	110	104	5.6	88	95	7.7	50 - 150	30
Methoxychlor	ND	107	102	4.8	88	93	5.5	30 - 150	30
Toxaphene	ND	NA	NA	NC	NA	NA	NC	30 - 150	30
% DCBP	91	117	109	7.1	94	97	3.1	30 - 150	30
% TCMX	92	111	108	2.7	93	93	0.0	30 - 150	30

QA/QC Batch 295318, QC Sample No: BH55366 (BH55363, BH55364, BH55365, BH55366, BH55367, BH55368, BH55369, BH55370, BH55371, BH55372)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	90	90	0.0	88	93	5.5	30 - 120	15
PCB-1221	ND							30 - 150	30
PCB-1232	ND							30 - 150	30
PCB-1242	ND							30 - 150	30
PCB-1248	ND							30 - 150	30
PCB-1254	ND							30 - 150	30
PCB-1260	ND	87	89	2.3	86	90	4.5	30 - 150	20
PCB-1262	ND							30 - 150	30
PCB-1268	ND							30 - 150	30
% DCBP (Surrogate Rec)	82	98	99	1.0	98	104	5.9	30 - 150	20
% TCMX (Surrogate Rec)	83	98	98	0.0	96	104	8.0	30 - 150	20

QA/QC Data

SDG I.D.: GBH55363

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 295558, QC Sample No: BH55366 (BH55363 (50, 1X) , BH55364, BH55365 (50, 1X) , BH55366 (71, 1X) , BH55367 (38, 1X) , BH55368 (50, 1X) , BH55369 (63, 1X) , BH55370 (56, 1X) , BH55371 (45, 1X) , BH55372)									
Volatiles - Soil									
1,1,1,2-Tetrachloroethane	ND	85	85	0.0	84	87	3.5	70 - 130	30
1,1,1-Trichloroethane	ND	84	84	0.0	81	87	7.1	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	86	85	1.2	82	88	7.1	70 - 130	30
1,1,2-Trichloroethane	ND	81	81	0.0	82	89	8.2	70 - 130	30
1,1-Dichloroethane	ND	84	85	1.2	84	89	5.8	70 - 130	30
1,1-Dichloroethene	ND	88	88	0.0	78	81	3.8	70 - 130	30
1,1-Dichloropropene	ND	83	83	0.0	84	89	5.8	70 - 130	30
1,2,3-Trichlorobenzene	ND	80	80	0.0	83	91	9.2	70 - 130	30
1,2,3-Trichloropropane	ND	86	83	3.6	79	85	7.3	70 - 130	30
1,2,4-Trichlorobenzene	ND	77	77	0.0	83	90	8.1	70 - 130	30
1,2,4-Trimethylbenzene	ND	77	77	0.0	83	89	7.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	90	87	3.4	82	93	12.6	70 - 130	30
1,2-Dibromoethane	ND	82	84	2.4	83	89	7.0	70 - 130	30
1,2-Dichlorobenzene	ND	82	82	0.0	83	91	9.2	70 - 130	30
1,2-Dichloroethane	ND	83	82	1.2	81	88	8.3	70 - 130	30
1,2-Dichloropropane	ND	82	83	1.2	85	90	5.7	70 - 130	30
1,3,5-Trimethylbenzene	ND	82	83	1.2	84	91	8.0	70 - 130	30
1,3-Dichlorobenzene	ND	80	80	0.0	84	90	6.9	70 - 130	30
1,3-Dichloropropane	ND	81	82	1.2	80	87	8.4	70 - 130	30
1,4-Dichlorobenzene	ND	80	80	0.0	82	91	10.4	70 - 130	30
2,2-Dichloropropane	ND	86	85	1.2	82	88	7.1	70 - 130	30
2-Chlorotoluene	ND	84	83	1.2	86	92	6.7	70 - 130	30
2-Hexanone	ND	74	70	5.6	68	74	8.5	70 - 130	30 m
2-Isopropyltoluene	ND	82	82	0.0	87	94	7.7	70 - 130	30
4-Chlorotoluene	ND	78	80	2.5	85	89	4.6	70 - 130	30
4-Methyl-2-pentanone	ND	75	73	2.7	73	79	7.9	70 - 130	30
Acetone	8.0 JBS	77	74	4.0	55	57	3.6	70 - 130	30 m
Acrylonitrile	ND	80	78	2.5	80	84	4.9	70 - 130	30
Benzene	ND	81	82	1.2	81	87	7.1	70 - 130	30
Bromobenzene	ND	83	84	1.2	85	90	5.7	70 - 130	30
Bromochloromethane	ND	82	83	1.2	82	86	4.8	70 - 130	30
Bromodichloromethane	ND	88	88	0.0	83	90	8.1	70 - 130	30
Bromoform	ND	88	86	2.3	77	83	7.5	70 - 130	30
Bromomethane	ND	73	72	1.4	58	67	14.4	70 - 130	30 m
Carbon Disulfide	ND	89	90	1.1	78	81	3.8	70 - 130	30
Carbon tetrachloride	ND	85	84	1.2	81	87	7.1	70 - 130	30
Chlorobenzene	ND	81	82	1.2	85	90	5.7	70 - 130	30
Chloroethane	ND	82	82	0.0	22	23	4.4	70 - 130	30 m
Chloroform	ND	81	82	1.2	81	86	6.0	70 - 130	30
Chloromethane	ND	77	77	0.0	81	82	1.2	70 - 130	30
cis-1,2-Dichloroethene	ND	86	86	0.0	84	93	10.2	70 - 130	30
cis-1,3-Dichloropropene	ND	87	88	1.1	84	92	9.1	70 - 130	30
Dibromochloromethane	ND	88	87	1.1	79	87	9.6	70 - 130	30
Dibromomethane	ND	83	84	1.2	83	88	5.8	70 - 130	30
Dichlorodifluoromethane	ND	75	75	0.0	74	76	2.7	70 - 130	30
Ethylbenzene	ND	82	82	0.0	82	86	4.8	70 - 130	30
Hexachlorobutadiene	ND	88	87	1.1	91	97	6.4	70 - 130	30
Isopropylbenzene	ND	83	85	2.4	86	93	7.8	70 - 130	30
m&p-Xylene	ND	79	80	1.3	82	87	5.9	70 - 130	30

QA/QC Data

SDG I.D.: GBH55363

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Methyl ethyl ketone	ND	76	73	4.0	69	73	5.6	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	79	79	0.0	78	83	6.2	70 - 130	30	
Methylene chloride	1.9 JBS	83	84	1.2	74	78	5.3	70 - 130	30	
Naphthalene	ND	84	84	0.0	79	88	10.8	70 - 130	30	
n-Butylbenzene	ND	81	80	1.2	86	94	8.9	70 - 130	30	
n-Propylbenzene	ND	79	80	1.3	87	93	6.7	70 - 130	30	
o-Xylene	ND	81	81	0.0	84	88	4.7	70 - 130	30	
p-Isopropyltoluene	ND	83	82	1.2	86	92	6.7	70 - 130	30	
sec-Butylbenzene	ND	85	86	1.2	85	92	7.9	70 - 130	30	
Styrene	ND	84	85	1.2	86	91	5.6	70 - 130	30	
tert-Butylbenzene	ND	83	84	1.2	85	91	6.8	70 - 130	30	
Tetrachloroethene	ND	82	84	2.4	87	90	3.4	70 - 130	30	
Tetrahydrofuran (THF)	ND	76	74	2.7	74	80	7.8	70 - 130	30	
Toluene	ND	81	84	3.6	83	90	8.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	86	87	1.2	85	89	4.6	70 - 130	30	
trans-1,3-Dichloropropene	ND	90	90	0.0	84	92	9.1	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	82	81	1.2	80	88	9.5	70 - 130	30	
Trichloroethene	ND	86	87	1.2	86	91	5.6	70 - 130	30	
Trichlorofluoromethane	ND	83	83	0.0	42	43	2.4	70 - 130	30	m
Trichlorotrifluoroethane	ND	83	83	0.0	80	85	6.1	70 - 130	30	
Vinyl chloride	ND	75	75	0.0	87	89	2.3	70 - 130	30	
% 1,2-dichlorobenzene-d4	97	102	101	1.0	100	103	3.0	70 - 121	30	
% Bromofluorobenzene	99	98	98	0.0	98	98	0.0	59 - 113	30	
% Dibromofluoromethane	103	99	102	3.0	99	98	1.0	70 - 130	30	
% Toluene-d8	93	99	100	1.0	100	101	1.0	84 - 138	30	

QA/QC Batch 295317, QC Sample No: BH55366 (BH55363, BH55364, BH55365, BH55366, BH55367, BH55368, BH55369, BH55370, BH55371, BH55372)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	82	78	5.0	79	81	2.5	30 - 130	30
1,2,4-Trichlorobenzene	ND	82	78	5.0	80	83	3.7	30 - 130	30
1,2-Dichlorobenzene	ND	71	68	4.3	68	73	7.1	30 - 130	30
1,2-Diphenylhydrazine	ND	91	93	2.2	84	88	4.7	30 - 130	30
1,3-Dichlorobenzene	ND	70	68	2.9	67	72	7.2	30 - 130	30
1,4-Dichlorobenzene	ND	72	69	4.3	69	73	5.6	30 - 130	30
2,4,5-Trichlorophenol	ND	97	97	0.0	94	97	3.1	30 - 130	30
2,4,6-Trichlorophenol	ND	96	96	0.0	93	96	3.2	30 - 130	30
2,4-Dichlorophenol	ND	86	85	1.2	84	86	2.4	30 - 130	30
2,4-Dimethylphenol	ND	80	79	1.3	73	74	1.4	30 - 130	30
2,4-Dinitrophenol	ND	33	40	19.2	45	35	25.0	30 - 130	30
2,4-Dinitrotoluene	ND	93	96	3.2	92	96	4.3	30 - 130	30
2,6-Dinitrotoluene	ND	87	86	1.2	84	88	4.7	30 - 130	30
2-Chloronaphthalene	ND	79	77	2.6	77	79	2.6	30 - 130	30
2-Chlorophenol	ND	79	79	0.0	76	81	6.4	30 - 130	30
2-Methylnaphthalene	ND	76	76	0.0	75	77	2.6	30 - 130	30
2-Methylphenol (o-cresol)	ND	77	80	3.8	76	79	3.9	30 - 130	30
2-Nitroaniline	ND	102	108	5.7	92	97	5.3	30 - 130	30
2-Nitrophenol	ND	79	81	2.5	82	85	3.6	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	82	86	4.8	82	85	3.6	30 - 130	30
3,3'-Dichlorobenzidine	ND	91	90	1.1	80	84	4.9	30 - 130	30
3-Nitroaniline	ND	81	82	1.2	73	74	1.4	30 - 130	30
4,6-Dinitro-2-methylphenol	ND	68	69	1.5	82	83	1.2	30 - 130	30
4-Bromophenyl phenyl ether	ND	90	87	3.4	87	90	3.4	30 - 130	30

QA/QC Data

SDG I.D.: GBH55363

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
4-Chloro-3-methylphenol	ND	88	90	2.2	88	89	1.1	30 - 130	30
4-Chloroaniline	ND	77	76	1.3	65	67	3.0	30 - 130	30
4-Chlorophenyl phenyl ether	ND	90	89	1.1	88	91	3.4	30 - 130	30
4-Nitroaniline	ND	89	92	3.3	87	93	6.7	30 - 130	30
4-Nitrophenol	ND	79	90	13.0	78	84	7.4	30 - 130	30
Acenaphthene	ND	84	82	2.4	82	86	4.8	30 - 130	30
Acenaphthylene	ND	80	79	1.3	79	82	3.7	30 - 130	30
Acetophenone	ND	79	79	0.0	77	81	5.1	30 - 130	30
Aniline	ND	77	81	5.1	64	68	6.1	30 - 130	30
Anthracene	ND	84	83	1.2	82	85	3.6	30 - 130	30
Benz(a)anthracene	ND	92	91	1.1	91	96	5.3	30 - 130	30
Benzidine	ND	>200	>200	NC	98	94	4.2	30 - 130	30
Benzo(a)pyrene	ND	89	88	1.1	86	92	6.7	30 - 130	30
Benzo(b)fluoranthene	ND	94	90	4.3	92	100	8.3	30 - 130	30
Benzo(ghi)perylene	ND	80	86	7.2	76	77	1.3	30 - 130	30
Benzo(k)fluoranthene	ND	84	80	4.9	83	88	5.8	30 - 130	30
Benzoic Acid	ND	<10	<10	NC	<10	<10	NC	30 - 130	30
Benzyl butyl phthalate	ND	93	93	0.0	91	102	11.4	30 - 130	30
Bis(2-chloroethoxy)methane	ND	80	81	1.2	82	83	1.2	30 - 130	30
Bis(2-chloroethyl)ether	ND	72	61	16.5	59	64	8.1	30 - 130	30
Bis(2-chloroisopropyl)ether	ND	77	80	3.8	78	83	6.2	30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	95	95	0.0	94	100	6.2	30 - 130	30
Carbazole	ND	91	93	2.2	87	91	4.5	30 - 130	30
Chrysene	ND	94	93	1.1	91	97	6.4	30 - 130	30
Dibenz(a,h)anthracene	ND	81	89	9.4	77	79	2.6	30 - 130	30
Dibenzofuran	ND	89	88	1.1	86	91	5.6	30 - 130	30
Diethyl phthalate	ND	89	89	0.0	87	91	4.5	30 - 130	30
Dimethylphthalate	ND	89	88	1.1	86	90	4.5	30 - 130	30
Di-n-butylphthalate	ND	92	89	3.3	90	95	5.4	30 - 130	30
Di-n-octylphthalate	ND	101	101	0.0	99	105	5.9	30 - 130	30
Fluoranthene	ND	95	91	4.3	94	99	5.2	30 - 130	30
Fluorene	ND	87	87	0.0	84	89	5.8	30 - 130	30
Hexachlorobenzene	ND	85	84	1.2	84	87	3.5	30 - 130	30
Hexachlorobutadiene	ND	80	75	6.5	78	80	2.5	30 - 130	30
Hexachlorocyclopentadiene	ND	79	74	6.5	75	78	3.9	30 - 130	30
Hexachloroethane	ND	68	66	3.0	67	71	5.8	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	86	93	7.8	81	82	1.2	30 - 130	30
Isophorone	ND	76	76	0.0	76	76	0.0	30 - 130	30
Naphthalene	ND	76	73	4.0	75	77	2.6	30 - 130	30
Nitrobenzene	ND	74	77	4.0	75	79	5.2	30 - 130	30
N-Nitrosodimethylamine	ND	74	70	5.6	65	73	11.6	30 - 130	30
N-Nitrosodi-n-propylamine	ND	79	83	4.9	81	84	3.6	30 - 130	30
N-Nitrosodiphenylamine	ND	90	91	1.1	85	89	4.6	30 - 130	30
Pentachloronitrobenzene	ND	92	90	2.2	88	94	6.6	30 - 130	30
Pentachlorophenol	ND	83	87	4.7	86	93	7.8	30 - 130	30
Phenanthrene	ND	85	83	2.4	83	87	4.7	30 - 130	30
Phenol	ND	72	72	0.0	73	80	9.2	30 - 130	30
Pyrene	ND	98	91	7.4	97	103	6.0	30 - 130	30
Pyridine	ND	59	54	8.8	48	51	6.1	30 - 130	30
% 2,4,6-Tribromophenol	74	80	81	1.2	80	84	4.9	30 - 130	30
% 2-Fluorobiphenyl	73	82	81	1.2	79	83	4.9	30 - 115	30
% 2-Fluorophenol	57	71	71	0.0	67	73	8.6	30 - 130	30
% Nitrobenzene-d5	71	70	75	6.9	73	76	4.0	23 - 120	30

QA/QC Data

SDG I.D.: GBH55363

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Phenol-d5	62	70	72	2.8	70	73	4.2	30 - 130	30
% Terphenyl-d14	90	104	96	8.0	104	108	3.8	18 - 137	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.

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

January 15, 2015

Sample Criteria Exceedences Report

GBH55363 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	Analysis Units
BH55363	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	510	280	470	470	ug/Kg
BH55363	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.41	0.07	0.18	0.18	mg/Kg
BH55363	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	73.8	0.7	63	63	mg/Kg
BH55365	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	2000	270	470	470	ug/Kg
BH55365	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.37	0.07	0.18	0.18	mg/Kg
BH55365	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	90.4	0.7	63	63	mg/Kg
BH55367	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	393	0.7	350	350	mg/Kg
BH55367	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	393	0.7	350	350	mg/Kg
BH55367	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	153	3.4	50	50	mg/kg
BH55367	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	655	6.8	400	400	mg/Kg
BH55367	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	655	6.8	400	400	mg/Kg
BH55367	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	655	6.8	63	63	mg/Kg
BH55367	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	1060	6.8	109	109	mg/Kg
BH55369	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	2100	290	470	470	ug/Kg
BH55369	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1200	250	1000	1000	ug/Kg
BH55369	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	530	250	500	500	ug/Kg
BH55369	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	250	1000	1000	ug/Kg
BH55369	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	530	250	500	500	ug/Kg
BH55369	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	530	250	500	500	ug/Kg
BH55369	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	250	1000	1000	ug/Kg
BH55369	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.26	0.09	0.18	0.18	mg/Kg
BH55369	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	117	0.7	63	63	mg/Kg
BH55371	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	83	50	50	50	ug/Kg
BH55371	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	4.0	3.3	3.3	ug/Kg
BH55371	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	6.0	5	5	ug/Kg
BH55371	AG-SM	Silver	NY / 375-6.8 Metals / Unrestricted Use Soil	2.38	0.32	2	2	mg/Kg
BH55371	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	45.1	0.32	30		mg/Kg
BH55371	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	111	0.32	50	50	mg/kg
BH55371	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.30	0.07	0.18	0.18	mg/Kg
BH55371	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	230	6.5	63	63	mg/Kg
BH55371	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	928	6.5	109	109	mg/Kg

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



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



NY Temperature Narration

January 15, 2015

SDG I.D.: GBH55363

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

Cooler: Yes No
 Coolant: IPK ICE
 Temp 0 °C Pg of

Contact Options:
 Fax: _____
 Phone: (631) 504-6000
 Email: csosik@ebcincny.com

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



Customer: Environmental Business Consultants
 Address: 1808 Middle Country Road
 Ridge, New York 11961

Project: 39-40 30th Street, Queens NY
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants

This section **MUST** be completed with Bottle Quantities.

Sampler's Signature: [Signature] Date: 12/17/14

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
55363	B10 0-2	S	12-17-14	9:00	X VOCs B20 X SVOCs B20 X PAHs X PCBs X Metals X Pesticides/PCBs
55364	B10 13-15	S		9:30	
55365	B11 0-2	S		10:00	
55366	B11 13-15	S		10:30	
55367	B12 0-2	S		11:00	
55368	B12 13-15	S		11:30	
55369	B13 0-2	S		12:00	
55370	B13 13-15	S		12:30	
55371	B14 0-2	S		13:00	
55372	B14 13-15	S		13:30	

Relinquished by: [Signature] Accepted by: [Signature] Date: 12-18-14 Time: 12:58

Comments, Special Requirements or Regulations: Paradise

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

State where samples were collected: NY

Data Format:
 Phoenix Std Report
 Excel
 PDF
 GIS/Key
 EQUIS
 NJ Hazsite EDD
 NY EZ EDD (ASP)
 Other

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



MONTHLY REPORT FOR JANUARY 2015

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: January 1, 2015 to January 31, 2015
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN JANUARY
none

MATERIALS TRANSPORTED OFFSITE IN MONTH OF JANUARY

1) none

MATERIALS TRANSPORTED ONSITE IN MONTH OF JANUARY

1) none

SAMPLING RESULTS

1) none

PLAN FOR MONTH OF FEBRUARY 2015

1) prepare RIR and RAWP for site

SCHEDULE DELAYS



MONTHLY REPORT FOR FEBRUARY 2015

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: February 1, 2015 to February 28, 2015
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN FEBRUARY
none

MATERIALS TRANSPORTED OFFSITE IN MONTH OF FEBRUARY

1) none

MATERIALS TRANSPORTED ONSITE IN MONTH OF FEBRUARY

1) none

SAMPLING RESULTS

1) none

PLAN FOR MONTH OF MARCH 2015

1) prepare RIR and RAWP for site

SCHEDULE DELAYS



MONTHLY REPORT FOR MARCH 2015

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: March 1, 2015 to March 31, 2015
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN MARCH
none

MATERIALS TRANSPORTED OFFSITE IN MONTH OF MARCH

1) none

MATERIALS TRANSPORTED ONSITE IN MONTH OF MARCH

1) none

SAMPLING RESULTS

1) none

PLAN FOR MONTH OF APRIL 2015

1) prepare RAWP for site

SCHEDULE DELAYS



MONTHLY REPORT FOR APRIL 2015

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: April 1, 2015 to April 30, 2015
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN APRIL
none

MATERIALS TRANSPORTED OFFSITE IN MONTH OF APRIL

1) none

MATERIALS TRANSPORTED ONSITE IN MONTH OF APRIL

1) none

SAMPLING RESULTS

1) none

PLAN FOR MONTH OF MAY 2015

1) prepare RAWP for site

SCHEDULE DELAYS



MONTHLY REPORT FOR MAY 2015

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATES: May 1, 2015 to May 31, 2015

BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN MAY

none

MATERIALS TRANSPORTED OFFSITE IN MONTH OF MAY

1) none

MATERIALS TRANSPORTED ONSITE IN MONTH OF MAY

1) none

SAMPLING RESULTS

1) none

PLAN FOR MONTH OF JUNE 2015

1) address DEC comments in RIR, prepare work plan for additional samplign, prepare RAWP for site

SCHEDULE DELAYS



MONTHLY REPORT FOR JUNE 2015

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: June 1, 2015 to June 30, 2015
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN JUNE

none

MATERIALS TRANSPORTED OFFSITE IN MONTH OF JUNE

1) none

MATERIALS TRANSPORTED ONSITE IN MONTH OF JUNE

1) none

SAMPLING RESULTS

1) none

PLAN FOR MONTH OF JULY 2015

- 1) address DEC comments in RIR
- 2) revise soil vapor work plan
- 3) schedule soil vapor sampling and provide DEC with notice prior
- 4) prepare RAWP for site

SCHEDULE DELAYS



MONTHLY REPORT FOR JULY 2015

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: July 1, 2015 to July 31, 2015
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN JULY

none

MATERIALS TRANSPORTED OFFSITE IN MONTH OF JULY

1) none

MATERIALS TRANSPORTED ONSITE IN MONTH OF JULY

1) none

SAMPLING RESULTS

1) none

PLAN FOR MONTH OF AUGUST 2015

- 1) conduct soil vapor sampling and water level measurement for wells on site and off site
- 2) prepare RAWP for site

SCHEDULE DELAYS

n/a



MONTHLY REPORT FOR AUGUST 2015

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: August 1, 2015 to August 31, 2015
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN AUGUST

1) Soil vapor sampling and survey

MATERIALS TRANSPORTED OFFSITE IN MONTH OF AUGUST

1) none

MATERIALS TRANSPORTED ONSITE IN MONTH OF AUGUST

1) none

SAMPLING RESULTS

1) included in edited RIR which will be submitted in 9/10/15

PLAN FOR MONTH OF SEPTEMBER 2015

2) prepare RAWP for site

SCHEDULE DELAYS

n/a



MONTHLY REPORT FOR SEPTEMBER 2015

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: September 1, 2015 to September 30, 2015
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN SEPTEMBER

1) None

MATERIALS TRANSPORTED OFFSITE IN MONTH OF SEPTEMBER

1) none

MATERIALS TRANSPORTED ONSITE IN MONTH OF SEPTEMBER

1) none

SAMPLING RESULTS

1) None

PLAN FOR MONTH OF OCTOBER 2015

2) prepare RAWP for site

SCHEDULE DELAYS

n/a



MONTHLY REPORT FOR OCTOBER 2015

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: October 1, 2015 to October 31, 2015
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN OCTOBER

- 1) 10/28/15 - Inspection of the site by PE performed to identify any cracks in the slab which may be contributing to soil vapor concentrations, inspect HVAC system and confirm the layout of the site. All cracks and penetrations were sealed by the clients contractor.
- 2) 10/29/15 - As requested by DEC & DOH; 4 indoor air samples and 1 outdoor air sample were collected from the 2nd floor of the site

MATERIALS TRANSPORTED OFFSITE IN MONTH OF OCTOBER

- 1) None

MATERIALS TRANSPORTED ONSITE IN MONTH OF OCTOBER

- 1) None

SAMPLING RESULTS

- 1) The concentrations of TCE ranges from 8.81 ug/m³ to 11.8 ug/m³ within the indoor air samples on the 2nd Floor. These results exceed the exposure guideline of 2 ug/m³. Results are attached and we have asked our client to inform his employees.

PLAN FOR MONTH OF NOVEMBER 2015

- 1) Prepare RAWP
- 2) Install carbon system on site
- 3) Review results of indoor air samples when received from the laboratory

SCHEDULE DELAYS

N/A



Wednesday, November 04, 2015

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST QUEENS NY
Sample ID#s: BK16519 - BK16523

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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

Analysis Report
 November 04, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 11286

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 10/29/15 17:15
 10/30/15 16:49

Laboratory Data

SDG ID: GBK16519
 Phoenix ID: BK16519

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLOOR 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/02/15	KCA	1	
1,2,4-Trimethylbenzene	0.407	0.204	0.204	2.00	1.00	1.00	11/02/15	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/02/15	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/02/15	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/02/15	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1	
Acetone	14.2	0.421	0.421	33.7	1.00	1.00	11/02/15	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/02/15	KCA	1	
Benzene	0.402	0.313	0.313	1.28	1.00	1.00	11/02/15	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/02/15	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/02/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/02/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/02/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/02/15	KCA	1
Carbon Tetrachloride	0.083	0.040	0.040	0.52	0.25	0.25	11/02/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/02/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/02/15	KCA	1
Chloromethane	0.645	0.485	0.485	1.33	1.00	1.00	11/02/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/02/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/02/15	KCA	1
Dichlorodifluoromethane	0.392	0.202	0.202	1.94	1.00	1.00	11/02/15	KCA	1
Ethanol	404	E 0.531	0.531	761	1.00	1.00	11/02/15	KCA	1
Ethyl acetate	4.16	0.278	0.278	15.0	1.00	1.00	11/02/15	KCA	1
Ethylbenzene	0.330	0.230	0.230	1.43	1.00	1.00	11/02/15	KCA	1
Heptane	0.942	0.244	0.244	3.86	1.00	1.00	11/02/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/02/15	KCA	1
Hexane	0.418	S 0.284	0.284	1.47	1.00	1.00	11/02/15	KCA	1
Isopropylalcohol	27.1	0.407	0.407	66.6	1.00	1.00	11/02/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
m,p-Xylene	0.914	0.230	0.230	3.97	1.00	1.00	11/02/15	KCA	1
Methyl Ethyl Ketone	0.753	0.339	0.339	2.22	1.00	1.00	11/02/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
Methylene Chloride	0.504	S 0.288	0.288	1.75	1.00	1.00	11/02/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
o-Xylene	0.337	0.230	0.230	1.46	1.00	1.00	11/02/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/02/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/02/15	KCA	1
Tetrachloroethene	0.762	0.037	0.037	5.17	0.25	0.25	11/02/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/02/15	KCA	1
Toluene	1.46	0.266	0.266	5.50	1.00	1.00	11/02/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Trichloroethene	2.20	0.047	0.047	11.8	0.25	0.25	11/02/15	KCA	1
Trichlorofluoromethane	0.652	0.178	0.178	3.66	1.00	1.00	11/02/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/02/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/02/15	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	111	%	%	111	%	%	11/02/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

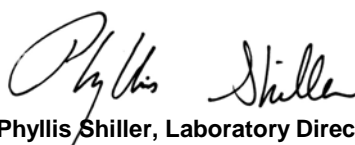
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 04, 2015

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

Analysis Report
 November 04, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13646

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

10/29/15
 10/30/15

Time

17:19
 16:49

Laboratory Data

SDG ID: GBK16519
 Phoenix ID: BK16520

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLOOR 02

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/02/15	KCA	1
1,2,4-Trimethylbenzene	0.341	0.204	0.204	1.68	1.00	1.00	11/02/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/02/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/02/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1
Acetone	14.6	0.421	0.421	34.7	1.00	1.00	11/02/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/02/15	KCA	1
Benzene	0.337	0.313	0.313	1.08	1.00	1.00	11/02/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/02/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/02/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/02/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/02/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/02/15	KCA	1
Carbon Tetrachloride	0.084	0.040	0.040	0.53	0.25	0.25	11/02/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/02/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/02/15	KCA	1
Chloromethane	0.771	0.485	0.485	1.59	1.00	1.00	11/02/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/02/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/02/15	KCA	1
Dichlorodifluoromethane	0.393	0.202	0.202	1.94	1.00	1.00	11/02/15	KCA	1
Ethanol	323	E 0.531	0.531	608	1.00	1.00	11/02/15	KCA	1
Ethyl acetate	3.70	0.278	0.278	13.3	1.00	1.00	11/02/15	KCA	1
Ethylbenzene	0.253	0.230	0.230	1.10	1.00	1.00	11/02/15	KCA	1
Heptane	4.77	0.244	0.244	19.5	1.00	1.00	11/02/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/02/15	KCA	1
Hexane	0.367	S 0.284	0.284	1.29	1.00	1.00	11/02/15	KCA	1
Isopropylalcohol	12.7	0.407	0.407	31.2	1.00	1.00	11/02/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
m,p-Xylene	0.658	0.230	0.230	2.86	1.00	1.00	11/02/15	KCA	1
Methyl Ethyl Ketone	0.746	0.339	0.339	2.20	1.00	1.00	11/02/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
Methylene Chloride	0.471	S 0.288	0.288	1.64	1.00	1.00	11/02/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
o-Xylene	0.246	0.230	0.230	1.07	1.00	1.00	11/02/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/02/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/02/15	KCA	1
Tetrachloroethene	0.595	0.037	0.037	4.03	0.25	0.25	11/02/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/02/15	KCA	1
Toluene	1.43	0.266	0.266	5.39	1.00	1.00	11/02/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Trichloroethene	1.72	0.047	0.047	9.24	0.25	0.25	11/02/15	KCA	1
Trichlorofluoromethane	0.545	0.178	0.178	3.06	1.00	1.00	11/02/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/02/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/02/15	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	107	%	%	107	%	%	11/02/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

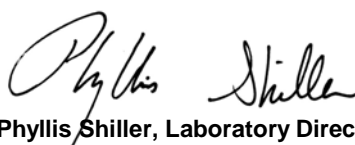
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 04, 2015

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

Analysis Report
 November 04, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 224

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

10/29/15 17:35
 10/30/15 16:49

Time

Laboratory Data

SDG ID: GBK16519
 Phoenix ID: BK16521

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: AA 02

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/02/15	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/02/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/02/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1
Acetone	3.33	S 0.421	0.421	7.91	1.00	1.00	11/02/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/02/15	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	11/02/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/02/15	KCA	1

Client ID: AA 02

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/02/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/02/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/02/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/02/15	KCA	1
Carbon Tetrachloride	0.081	0.040	0.040	0.51	0.25	0.25	11/02/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/02/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/02/15	KCA	1
Chloromethane	0.599	0.485	0.485	1.24	1.00	1.00	11/02/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/02/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/02/15	KCA	1
Dichlorodifluoromethane	0.383	0.202	0.202	1.89	1.00	1.00	11/02/15	KCA	1
Ethanol	7.69	0.531	0.531	14.5	1.00	1.00	11/02/15	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	11/02/15	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/02/15	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	11/02/15	KCA	1
Isopropylalcohol	0.870	S 0.407	0.407	2.14	1.00	1.00	11/02/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
m,p-Xylene	0.298	0.230	0.230	1.29	1.00	1.00	11/02/15	KCA	1
Methyl Ethyl Ketone	0.420	0.339	0.339	1.24	1.00	1.00	11/02/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
Methylene Chloride	0.355	S 0.288	0.288	1.23	1.00	1.00	11/02/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	11/02/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/02/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/02/15	KCA	1
Tetrachloroethene	0.166	0.037	0.037	1.13	0.25	0.25	11/02/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/02/15	KCA	1
Toluene	0.668	0.266	0.266	2.52	1.00	1.00	11/02/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Trichloroethene	ND	0.047	0.047	ND	0.25	0.25	11/02/15	KCA	1
Trichlorofluoromethane	0.262	0.178	0.178	1.47	1.00	1.00	11/02/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/02/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/02/15	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	106	%	%	106	%	%	11/02/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

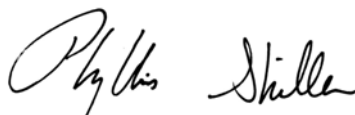
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

November 04, 2015

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

Analysis Report
 November 04, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 479

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 10/29/15 17:15
 10/30/15 16:49

Laboratory Data

SDG ID: GBK16519
 Phoenix ID: BK16522

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLOOR 04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/02/15	KCA	1
1,2,4-Trimethylbenzene	0.417	0.204	0.204	2.05	1.00	1.00	11/02/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/02/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/02/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1
Acetone	13.1	0.421	0.421	31.1	1.00	1.00	11/02/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/02/15	KCA	1
Benzene	0.443	0.313	0.313	1.41	1.00	1.00	11/02/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/02/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/02/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/02/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/02/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/02/15	KCA	1
Carbon Tetrachloride	0.085	0.040	0.040	0.53	0.25	0.25	11/02/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/02/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/02/15	KCA	1
Chloromethane	0.692	0.485	0.485	1.43	1.00	1.00	11/02/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/02/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/02/15	KCA	1
Dichlorodifluoromethane	0.350	0.202	0.202	1.73	1.00	1.00	11/02/15	KCA	1
Ethanol	855	E 0.531	0.531	1610	1.00	1.00	11/02/15	KCA	1
Ethyl acetate	2.51	0.278	0.278	9.04	1.00	1.00	11/02/15	KCA	1
Ethylbenzene	0.312	0.230	0.230	1.35	1.00	1.00	11/02/15	KCA	1
Heptane	0.619	0.244	0.244	2.54	1.00	1.00	11/02/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/02/15	KCA	1
Hexane	0.366	S 0.284	0.284	1.29	1.00	1.00	11/02/15	KCA	1
Isopropylalcohol	11.8	0.407	0.407	29.0	1.00	1.00	11/02/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
m,p-Xylene	0.843	0.230	0.230	3.66	1.00	1.00	11/02/15	KCA	1
Methyl Ethyl Ketone	0.677	0.339	0.339	2.00	1.00	1.00	11/02/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
Methylene Chloride	0.725	S 0.288	0.288	2.52	1.00	1.00	11/02/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
o-Xylene	0.320	0.230	0.230	1.39	1.00	1.00	11/02/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/02/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/02/15	KCA	1
Tetrachloroethene	0.615	0.037	0.037	4.17	0.25	0.25	11/02/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/02/15	KCA	1
Toluene	1.14	0.266	0.266	4.29	1.00	1.00	11/02/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Trichloroethene	1.64	0.047	0.047	8.81	0.25	0.25	11/02/15	KCA	1
Trichlorofluoromethane	0.363	0.178	0.178	2.04	1.00	1.00	11/02/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/02/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/02/15	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	107	%	%	107	%	%	11/02/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

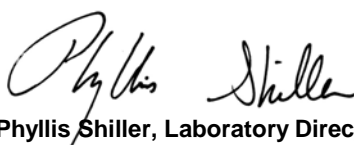
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 04, 2015

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

Analysis Report
 November 04, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 353

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

10/29/15 17:29
 10/30/15 16:49

Time

Laboratory Data

SDG ID: GBK16519
 Phoenix ID: BK16523

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLOOR 01

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/02/15	KCA	1
1,2,4-Trimethylbenzene	0.381	0.204	0.204	1.87	1.00	1.00	11/02/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/02/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/02/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1
Acetone	14.5	0.421	0.421	34.4	1.00	1.00	11/02/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/02/15	KCA	1
Benzene	0.383	0.313	0.313	1.22	1.00	1.00	11/02/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/02/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/02/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/02/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/02/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/02/15	KCA	1
Carbon Tetrachloride	0.083	0.040	0.040	0.52	0.25	0.25	11/02/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/02/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/02/15	KCA	1
Chloromethane	0.734	0.485	0.485	1.51	1.00	1.00	11/02/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/02/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/02/15	KCA	1
Dichlorodifluoromethane	0.406	0.202	0.202	2.01	1.00	1.00	11/02/15	KCA	1
Ethanol	323	E 0.531	0.531	608	1.00	1.00	11/02/15	KCA	1
Ethyl acetate	4.61	0.278	0.278	16.6	1.00	1.00	11/02/15	KCA	1
Ethylbenzene	0.265	0.230	0.230	1.15	1.00	1.00	11/02/15	KCA	1
Heptane	0.953	0.244	0.244	3.90	1.00	1.00	11/02/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/02/15	KCA	1
Hexane	0.330	S 0.284	0.284	1.16	1.00	1.00	11/02/15	KCA	1
Isopropylalcohol	174	E 0.407	0.407	427	1.00	1.00	11/02/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
m,p-Xylene	0.708	0.230	0.230	3.07	1.00	1.00	11/02/15	KCA	1
Methyl Ethyl Ketone	0.719	0.339	0.339	2.12	1.00	1.00	11/02/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
Methylene Chloride	0.429	S 0.288	0.288	1.49	1.00	1.00	11/02/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
o-Xylene	0.280	0.230	0.230	1.22	1.00	1.00	11/02/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/02/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/02/15	KCA	1
Tetrachloroethene	0.589	0.037	0.037	3.99	0.25	0.25	11/02/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/02/15	KCA	1
Toluene	1.31	0.266	0.266	4.93	1.00	1.00	11/02/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Trichloroethene	1.76	0.047	0.047	9.45	0.25	0.25	11/02/15	KCA	1
Trichlorofluoromethane	0.651	0.178	0.178	3.66	1.00	1.00	11/02/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/02/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/02/15	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	105	%	%	105	%	%	11/02/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

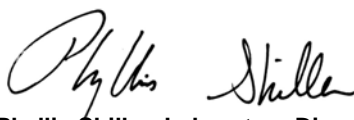
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 04, 2015

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Sample Criteria Exceedences Report

GBK16519 - EBC

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

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



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

CHAIN OF CUSTODY RECORD
AIR ANALYSES
 800-827-5426
 email: greg@phoenixlabs.com

P.O. # _____ Page | of |
 Data Delivery:
 Fax #:
 Email: File; creilly@ecblincny.com
 Phone #:

Report to: Chawinie Reilly
 Customer: EBC
 Address: 1808 Middle Country Rd
Ridge NY 11961
 Invoiced to: EBC
 Project Name: 39-40 30th Street, Queens NY
 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		Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Matrix	TO-14	TO-15
								AM	PM					
		477	6.0	30	4	4991	10.4							
110519	Indoor Air Second Floor 03	11286	6.0	30	6	4499		9:31	5:15	10-27-15	-29	-4	X	X
110520	Indoor Air Second Floor 02	13646	6.0	30	5	4960		9:19	5:19	10-27-15	-30	-6	X	X
110521	AA02	224	6.0	30	4	5038		9:50	5:35	10-29-15	-30	-7	X	X
110522	Indoor Air Second Floor 04	479	6.0	30	6	5048		9:15	5:15	10-28-15	-30	-6	X	X
110523	Indoor Air Second Floor 01	353	6.0	30	6	5012		9:22	5:29	10-29-15	-29	-6	X	X

Relinquished by: Thom Bell Date: 2015/10/30 Time: 10:25
 Accepted by: [Signature] Date: 10/30/15 Time: 1649
 Data Format: Excel PDF Other:
 Equis GISKey
 Requested Criteria: ASP B Deliverables, EDD
 SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
5 day TAT
* Road Walked + VO
 Quote Number: _____ Signature: [Signature] Date: 10-29-15

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.



MONTHLY REPORT FOR NOVEMBER 2015

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: November 1, 2015 to November 30, 2015
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN NOVEMBER

11/12/15 - Installation of a 55 gallon drum fitted with vapor phase activated carbon to distribute clean air to three points throughout the warehouse
11/16/15 - First site inspection to assess previous carbon filter installation. Unit was fully functional; all cracks and openings in the floor were sealed.
11/24/15 - Second site inspection and sampling to determine the effectiveness of the carbon filter.

MATERIALS TRANSPORTED OFFSITE IN MONTH OF NOVEMBER

1) None

MATERIALS TRANSPORTED ONSITE IN MONTH OF NOVEMBER

1) A 55 gallon drum fitted with vapor phase activated carbon

SAMPLING RESULTS

While the results (between pre-installation in August compared to post-installation in November) demonstrate a significant reduction of TCE concentration in all indoor air samples, they still exceeded the NYSDoH guideline for indoor air in the first floor. First floor TCE concentrations ranged from 8.65 to 6.39 $\mu\text{g}/\text{m}^3$, slightly exceeding the 5 $\mu\text{g}/\text{m}^3$ guideline for TCE indoor air concentration. Out of the two samples collected in the second floor, one resulted in 4.99 $\mu\text{g}/\text{m}^3$ (Classroom by elevator) and the one in the hallway measured 5.64 $\mu\text{g}/\text{m}^3$ (slightly exceeding the 5 $\mu\text{g}/\text{m}^3$ guideline). Air quality will be expected to improve as the system continues to operate.

PLAN FOR MONTH OF DECEMBER 2015

1) December - EBC will be working on RIR edits and completing the RAWP.
2) January and February - Indoor air sampling is planned

SCHEDULE DELAYS

N/A



MONTHLY REPORT FOR DECEMBER 2015

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: December 1, 2015 to December 31, 2015
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN DECEMBER

1) A conference call with DEC took place on December 17, 2015; EBC is going to submit the edited RIR, data analysis of the upgradient data and UST removal plan for the site on January

MATERIALS TRANSPORTED OFFSITE IN MONTH OF DECEMBER

1) None

MATERIALS TRANSPORTED ONSITE IN MONTH OF DECEMBER

none

SAMPLING RESULTS

none

PLAN FOR MONTH OF JANUARY 2016

1) January - EBC will submit the revised RIR, data analysis and the UST removal plan
2) January and February - Indoor air sampling is planned

SCHEDULE DELAYS

N/A



MONTHLY REPORT FOR JANUARY 2016

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: January 1, 2016 to January 31, 2016
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN JANUARY

- 1) DEC provided a 2 week extension for submitting the RIR so that EBC can have the site re-surveyed
- 2) on 1/14 a round of indoor air sampling was conducted as per the Immediate Action Report
- 3) Email was sent to DEC PM on 1/14 with details of UST and EBC confirmed that a plan to confirm that the tank is closed in place will be included in the RAWP
- 4) Document with the results from the indoor air sampling conducted on 1/14 was submitted to DEC on 1/21/16
- 5) On 1/29 the edited RIR and Off Site PCE document was submitted to DEC

MATERIALS TRANSPORTED OFFSITE IN MONTH OF JANUARY

- 1) None

MATERIALS TRANSPORTED ONSITE IN MONTH OF JANUARY

none

SAMPLING RESULTS

- 1) The recent results are slightly higher than those observed in the November sampling event, however still below the 20 ug/m³ immediate action level.

PLAN FOR MONTH OF FEBRUARY 2016

- 1) February - EBC will submit the RAWP
- 2) February - Indoor air sampling is planned

SCHEDULE DELAYS

N/A



MONTHLY REPORT FOR FEBRUARY 2016

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: February 1, 2016 to February 29, 2016
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN FEBRUARY

- 1) the RAWP was submitted to DEC
- 2) on 2/24 a round of indoor air sampling was conducted as per the Immediate Action Report

MATERIALS TRANSPORTED OFFSITE IN MONTH OF FEBRUARY

- 1) None

MATERIALS TRANSPORTED ONSITE IN MONTH OF FEBRUARY

none

SAMPLING RESULTS

- 1) Indoor air sampling results: All values increased. The discharge of the carbon came at 22.4 ug/m3, which may indicate that the carbon is spent. Indoor air concentrations for TCE varied from 23.7 ug/m3 to 35.9 ug/m3. We have ordered two new carbon canisters which will be installed in series.

PLAN FOR MONTH OF MARCH 2016

- 1) 2 new carbon drums will be ordered and installed

SCHEDULE DELAYS

N/A



MONTHLY REPORT FOR MARCH 2016

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: March 1, 2016 to March 31, 2016
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN MARCH

- 1) Immediate Action Report was submitted to DEC on 3/2
- 2) The week of 3/14; 2 carbon drums were installed to the activated carbon unit

MATERIALS TRANSPORTED OFFSITE IN MONTH OF MARCH

- 1) None

MATERIALS TRANSPORTED ONSITE IN MONTH OF MARCH

- 1) 2 New carbon drums were installed

SAMPLING RESULTS

- 1) no sampling was performed in March 2016

PLAN FOR MONTH OF APRIL 2016

- 1) Elevator Pit inspection and remedy
- 2) Follow up quarterly indoor air sampling after elevator pit has been inspected and addressed

SCHEDULE DELAYS

N/A



MONTHLY REPORT FOR APRIL 2016

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: April 1, 2016 to April 30, 2016
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN APRIL

- 1) 4/11/2016 the undersigned conducted a site inspection to evaluate the conditions of the elevator pit and connection and operating conditions of the newly installed carbon vessels.
- 2) April 19, 2016 a round of indoor air samples was conducted on the first and second floor of the subject premises. In addition to the prior sampling locations, the elevator pit area was added.

MATERIALS TRANSPORTED OFFSITE IN MONTH OF APRIL

- 1) None

MATERIALS TRANSPORTED ONSITE IN MONTH OF APRIL

none

SAMPLING RESULTS

- 1) All indoor samples return a single digit TCE concentration with the exception of the elevator pit, which yielded 18 ug/m3. Discharge of carbon vessels resulted in the lowest TCE concentration at 3.58 ug/m3, however this value is in exceedance to the NYSDOH guideline of 2 ug/m3.

PLAN FOR MONTH OF MAY 2016

- 1) Immediate Action Report submitted to DEC on 5/5
- 2) submit revised RAWP to DEC
- 3) Seal the entire elevator pit with an epoxy sealer

SCHEDULE DELAYS

N/A



MONTHLY REPORT FOR MAY 2016

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: May 1, 2016 to May 31, 2016
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN MAY

- 1) Immediate Action Report submitted on 5/5 by PE
- 2) Edited version of RAWP was submitted on 5/9
- 3) DEC sent EBC comments for RAWP on 5/18
- 4) Revised version of the RAWP was submitted in 5/27

MATERIALS TRANSPORTED OFFSITE IN MONTH OF MAY

- 1) None

MATERIALS TRANSPORTED ONSITE IN MONTH OF MAY

none

SAMPLING RESULTS

- 1) none

PLAN FOR MONTH OF JUNE 2016

- 1) Quarterly Air Sampling will be performed
- 2) Schedule additional soil sampling and pilot test

SCHEDULE DELAYS

N/A



MONTHLY REPORT FOR June 2016

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: June 1, 2016 to June 30, 2016
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN JUNE

- 1) the RAWP was accepted by DEC
- 2) Facts sheets for the site were sent out on 6/7 and documents were sent to the repositories
- 3) 6/16 Elevator pit was sealed
- 4) 6/22 quarterly indoor air sampling conducted at the site

MATERIALS TRANSPORTED OFFSITE IN MONTH OF JUNE

- 1) None

MATERIALS TRANSPORTED ONSITE IN MONTH OF JUNE

none

SAMPLING RESULTS

- 1) TCE concentrations have increased in all samples ranging from 17.5 ug/m³ to 68.2 ug/m³. The elevator pit was sealed prior to sampling.

PLAN FOR MONTH OF JULY 2016

- 1) Conduct additional round of soil and groundwater sampling as per RAP to confirm if contamination is from on site or off site
- 2) change out of carbon drums and provide DEC with the date of delivery

SCHEDULE DELAYS

N/A



MONTHLY REPORT FOR JULY 2016

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: July 1, 2016 to July 31, 2016
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN JULY

- 1) 7/6 groundwater samples from MW1, MW2, MW4, MW5, MW6, MW7, MW ADJ 2, MWADJ3 and MW ADJ 5 were collected and analyzed for VOCs
- 2) 7/22 groundwater sample was collected from MW3 and analyzed for VOCs
- 3) 7/13 and 7/16; soil borings and samples were collected from 16SB1, 16SB2, 16SB3, 16SB4, 16SB5 and 16SB6
- 4) Installation of SVE point and 3 observation wells to a depth of 6.5 feet
- 5) 7/14 two new carbon drums were installed and two were delivered as a spare replacement set
- 6) 7/27 DEC requested additional edits to the RAWP

MATERIALS TRANSPORTED OFFSITE IN MONTH OF JULY

- 1) 3 spent carbon drums were removed from the site by General Carbon

MATERIALS TRANSPORTED ONSITE IN MONTH OF JULY

- 1) Blower for SVE system was transported on site

SAMPLING RESULTS

- 1) Sample results for soil samples indicated TCE ranging from 520 ug/kg to 19,000 ug/kg and PCE ranging from 1,320 ug/kg to 2,400 ug/kg. Results were submitted to DEC.
- 2) Groundwater samples noted TCE ranging from 11 ug/L to 390 ug/L and PCE ranging from 19 ug/L to 720 ug/L. Results were submitted to DEC,

PLAN FOR MONTH OF AUGUST 2016

- 1) Conduct pilot test on 8/3/16
- 2) Indoor air sampling on 8/8/16
- 3) Carbon drum change out on week of 8/22
- 4) Design Document for SVE submission by 8/26
- 5) Submit revised version of the RAWP 8/6/16

SCHEDULE DELAYS

N/A



MONTHLY REPORT FOR AUGUST 2016

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: August 1, 2016 to August 31, 2016
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN AUGUST

- 1) UST closure confirmation activities were conducted on 8/29;
- 2) 8/3 pilot test conducted with DEC present
- 3) 8/10 revised RAWP was submitted
- 4) 8/12 DEC sends out Decision Document for Site
- 5) 8/16 Facts sheets for the site were sent out
- 6) 8/22 SVE remedial design document was submitted
- 7) 8/31 DEC sent out comments for SVE remedial design document
- 8) Carbon drums were changed out; two additional drums were ordered and two spent drums will be picked up

MATERIALS TRANSPORTED OFFSITE IN MONTH OF AUGUST

none

MATERIALS TRANSPORTED ONSITE IN MONTH OF AUGUST

none

SAMPLING RESULTS

1) Sample results from north, south, east and west side of UST did not note any exceedances above UUSCOs in VOCs or SVOCs; EBC will prepare a report that contains the results of the UST samples, additional soil samples and the additional groundwater samples.

PLAN FOR MONTH OF SEPTEMBER 2016

- 1) approval of SVE design document
- 2) Indoor air sampling on 9/8
- 3) Carbon drum delivery 9/9 and pick up of spent drums

SCHEDULE DELAYS

N/A



MONTHLY REPORT FOR SEPTEMBER 2016

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: September 1, 2016 to September 30, 2016
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN SEPTEMBER

- 1) 9/21 approval of SVE Design Document
- 2) 9/13 revised SVE design document was submitted
- 3) 9/2 comments from DEC on SVE design document
- 4) 9/8 indoor air sampling was conducted

MATERIALS TRANSPORTED OFFSITE IN MONTH OF SEPTEMBER

none

MATERIALS TRANSPORTED ONSITE IN MONTH OF SEPTEMBER

none

SAMPLING RESULTS

- 1) Indoor air sampling results for the site are attached. TCE ranged from 14.4 ug/m³ (carbon discharge) to 32.9 ug/m³ (SG16).

PLAN FOR MONTH OF OCTOBER 2016

- 1) Indoor air sampling
- 2) install SVE system by 10/15
- 3) submit report for additional soil and groundwater sampling and UST

SCHEDULE DELAYS

N/A



MONTHLY REPORT FOR OCTOBER 2016

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: October 1, 2016 to October 31, 2016
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN OCTOBER

- 1) From 10/10 to 10/26 SVE system was installed
- 1) 10/31 System Start up completed
- 1) Break through meters were ordered for the carbon drums and arrived on site on 11/17; these will be installed week on 11/21/16
- 2) Two additional carbon drums were ordered and delivered to the site on 11/17
- 3) Measured distance of VE2 to MW5 is 10 feet and distance of VE4 to GW3 is 10.5 feet.
- 4) Proposed sub slab locations attached; once locations are approved, points will be installed

MATERIALS TRANSPORTED OFFSITE IN MONTH OF OCTOBER

none

MATERIALS TRANSPORTED ONSITE IN MONTH OF OCTOBER

- 1) Two carbon drums, breakthrough meters, all SVE materials

SAMPLING RESULTS

- 1) See below

PLAN FOR MONTH OF NOVEMBER 2016

- 1) Indoor air sampling was conducted on 11/10; results and a summary were forwarded to DEC On 11/17. TCE in indoor air samples ranged from 0.75 ug/m3 to 1.25 ug/m3. Additional samples were added for 1st floor offices SG23 and SG24.
- 2) Weekly sampling was conducted on 11/10; PID readings from all VE wells; directly from PID and PID readings from Tedlar bags; results and summary was forwarded to DEC on 11/17; weekly sampling form attached
- 3) Air samples from before carbon drums and after carbon drums in Tedlar bags for VOC analysis at lab were collected on 11/10; results and summary were forwarded to DEC on 11/17; TCE was noted at 2,910 ug/m3 and after the carbon was 0.3 ug/m3.
- 4) Spare carbon drums and break through meters will be delivered on 11/17
- 5) Weekly sampling scheduled for week of 11/21

SCHEDULE DELAYS

N/A

Former Union Wire Dye Corp

SOIL VAPOR EXTRACTION SYSTEM INSPECTION FORM

Date: 11/10/16

Time: 9:30 AM

Weather: Sunny; 50 Degrees

Inspector: Patrick Reico

Extraction Point	Vacuum (iwc)	PID Reading(ppb)
VE-1	-14.76	5,015
VE-2	-14.86	1,562
VE-3	-14.53	1,023
VE-4	-15.9	4,469
Blower inlet		
Before Carbon	10.53	3,072
After Carbon	0.50	0.0

Inspection:	Yes / No	Comments
Blower Operating?	Yes	<u>n/a</u>
Spare Carbon Drums?	No	<u>Will arrive on 11/17</u>
System Integrity?	Yes	<u>n/a</u>

WEEKLY CARBON MONITORING

Carbon filter installation date:10/31/16

<u>Date/Time</u>	<u>Location</u>	<u>PID reading</u>	<u>PID units(ppm or ppb)</u>
<u>11/10 10:30 am</u>	Pre-Carbon	<u>3,072</u>	<u>ppb</u>
<u>11/10 10:30 am</u>	Post -Carbon	<u>0</u>	<u>ppb</u>

Comments/Actions taken:

Radius of Influence

Location	Observed Vacuum (iwc)	Comments



DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: November 10th 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(1) Environmental Scientists	(8) 6L, 8hr SUMMA canisters (2) Tedlar Bags
	Patrick Recio	

DESCRIPTION OF DAILY ACTIVITY

1. Indoor air and SVE sampling
2. Collection of PID Reading from Tedlar Bags and SVE pipes at extraction points and before/after carbon drums.
3. Measure proposed sub-slab soil gas sampling points
4. Measure closest extraction points from MW3 and MW5 within the 1st floor of the warehouse.

WEATHER	WIND & DIRECTION	Variable at 7 mph Calm	AM PM	TEMP	43 54	AM PM	SKY	Clear Clear	AM PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)		MAX UP WIND		MIN UP WIND
		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

None

SAMPLES COLLECTED

Indoor Air Second Floor 03, Indoor Air Second Floor 04, SG16, SG17, SG22, Carbon Discharge, Elevator Pit, SG23, SG24, Before Carbon, After Carbon

PLAN FOR NEXT DAY

NA

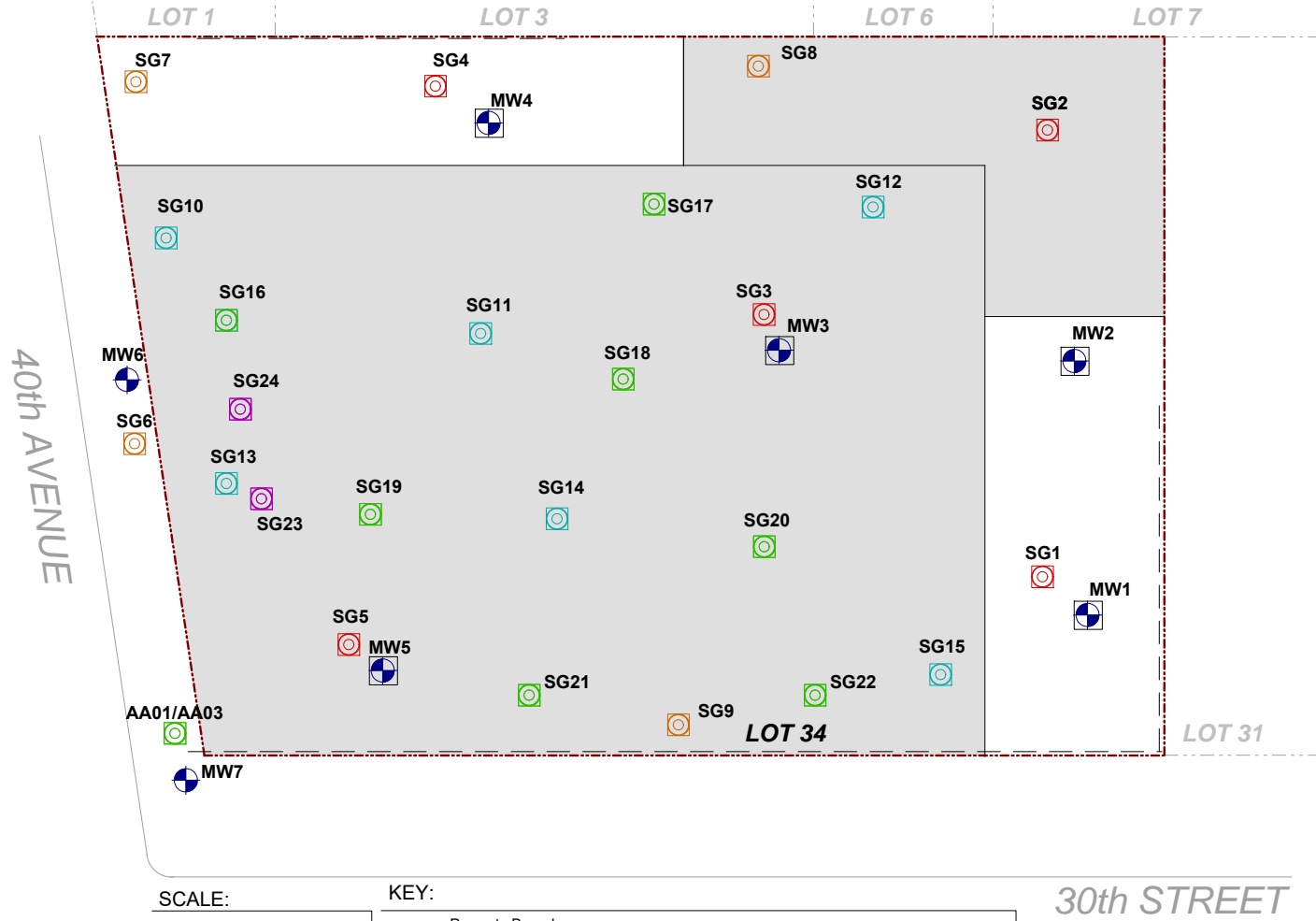
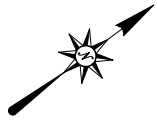


Date: 11/10/2016

Site: 39-40 30th Street, Long Island City, NY

Location	Pressure Reading	PID: Tedlar Bag (ppb)	PID: Direct from Pipe (ppb)
VE1	-14.76	3,469	5,015
VE2	-14.86	2,546	1,562
VE3	-14.53	1,547	1,023
VE4	-15.9	3,816	4,469
Before Carbon	10.53	-	3,072*
After Carbon	0.5	-	0*

* - Samples collected in Tedlar bags and sent to lab for analysis



SCALE:



1 Inch = 25 feet

*Note - Existing and proposed building dimensions are approximated.

KEY:

- Property Boundary
- 2014 Monitoring Well
- Existing Monitoring Well
- Existing Building
- 2013 RI Soil Gas Sampling Location
- 2014 Soil Gas Sampling Location
- 2015 Indoor/Outdoor Sampling Locations
- 2015 Sub-Slab Sampling Locations
- 2016 Additional Indoor Air Sampling Locations



ENVIRONMENTAL BUSINESS CONSULTANTS

1808 MIDDLE COUNTRY ROAD, RIDGE, NY 11961

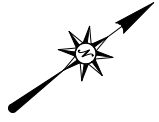
Phone 631.504.6000

Fax 631.924.2780

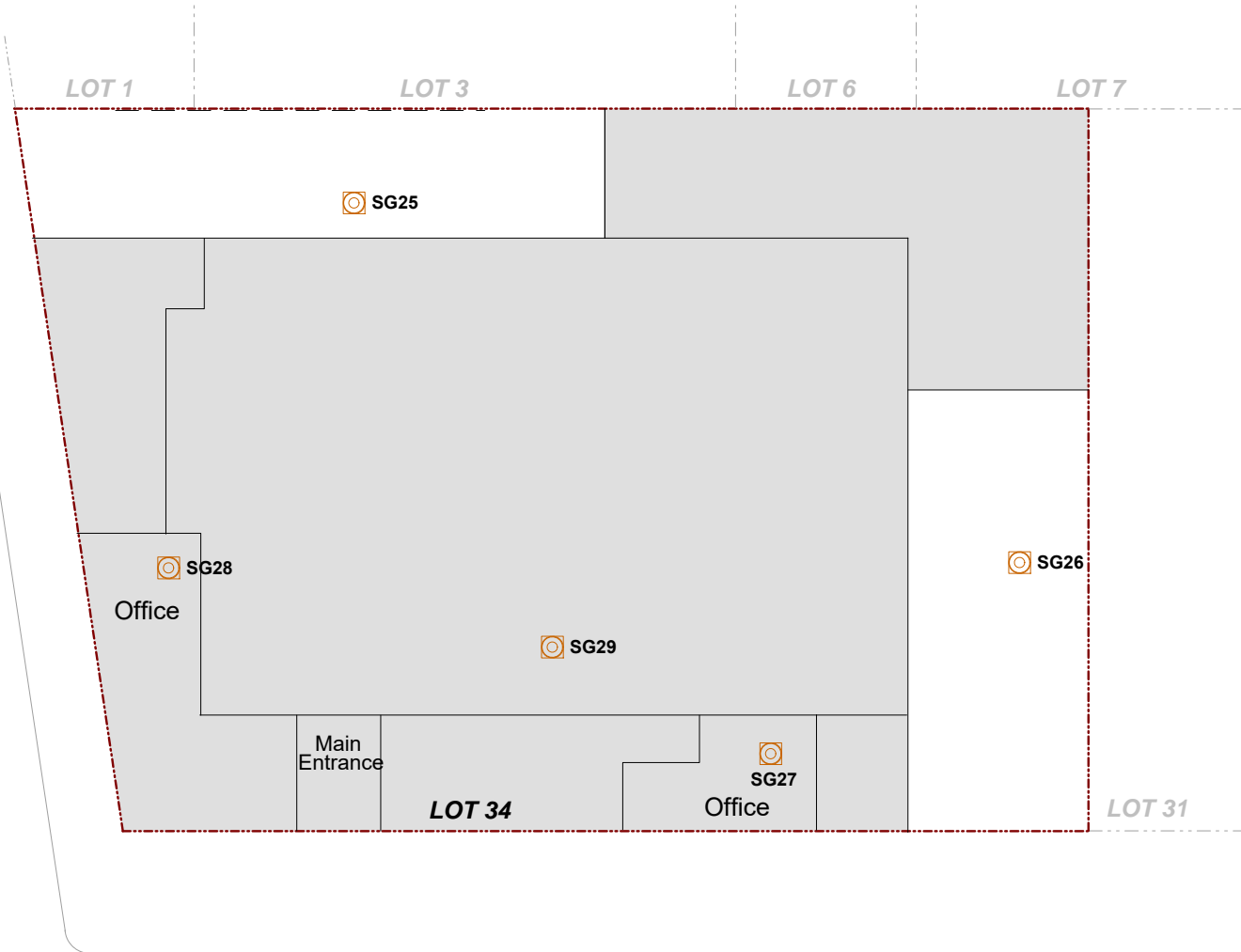
30th STREET

FORMER UNION WIRE DIE SITE
39-40 30TH STREET, LONG ISLAND CITY, NY

FIGURE 4A MONITORING WELL AND 1ST FLOOR SOIL VAPOR/AIR SAMPLING LOCATIONS

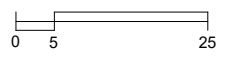


40th AVENUE



30th STREET



SCALE:



1 Inch = 25 feet

*Note - Existing and proposed building dimensions are approximated.

KEY:

-  Property Boundary
-  2016 Proposed Sub-Slab Soil Gas Sampling Locations



ENVIRONMENTAL BUSINESS CONSULTANTS

1808 MIDDLE COUNTRY ROAD, RIDGE, NY 11961

Phone 631.504.6000

Fax 631.924.2780

FORMER UNION WIRE DIE SITE
39-40 30TH STREET, LONG ISLAND CITY, NY

FIGURE

PROPOSED 1ST FLOOR
SUB-SLAB SOIL VAPOR LOCATIONS



Wednesday, November 16, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST LIC NY
Sample ID#s: BV81855 - BV81856

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.

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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



SDG Comments

November 16, 2016

SDG I.D.: GBV81855

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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

Analysis Report
 November 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: UNKNOWN CAN

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/10/16
 11/11/16 18:03

Project ID: 39-40 30TH ST LIC NY
 Client ID: BEFORE CARBON

Laboratory Data

SDG ID: GBV81855
 Phoenix ID: BV81855

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	11/14/16	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	11/14/16	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	11/14/16	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	11/14/16	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	11/14/16	KCA	5
1,1-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	11/14/16	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	11/14/16	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	11/14/16	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	11/14/16	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	11/14/16	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	11/14/16	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	11/14/16	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	11/14/16	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	11/14/16	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	11/14/16	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	11/14/16	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	11/14/16	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	11/14/16	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	11/14/16	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	11/14/16	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	11/14/16	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	11/14/16	KCA	5
Acetone	10.3	S 2.11	2.11	24.5	5.01	5.01	11/14/16	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	11/14/16	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	11/14/16	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	11/14/16	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	11/14/16	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	11/14/16	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	11/14/16	KCA	5
Carbon Disulfide	4.18	1.61	1.61	13.0	5.01	5.01	11/14/16	KCA	5
Carbon Tetrachloride	ND	0.198	0.198	ND	1.24	1.24	11/14/16	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	11/14/16	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	11/14/16	KCA	5
Chloroform	1.25	1.02	1.02	6.10	4.98	4.98	11/14/16	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	11/14/16	KCA	5
Cis-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	11/14/16	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	11/14/16	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	11/14/16	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	11/14/16	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	11/14/16	KCA	5
Ethanol	87.2	2.66	2.66	164	5.01	5.01	11/14/16	KCA	5
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	11/14/16	KCA	5
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	11/14/16	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	11/14/16	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	11/14/16	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	11/14/16	KCA	5
Isopropylalcohol	16.3	2.04	2.04	40.0	5.01	5.01	11/14/16	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	11/14/16	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	11/14/16	KCA	5
Methyl Ethyl Ketone	2.67	1.70	1.70	7.87	5.01	5.01	11/14/16	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	11/14/16	KCA	5
Methylene Chloride	6.09	S 1.44	1.44	21.1	5.00	5.00	11/14/16	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	11/14/16	KCA	5
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	11/14/16	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	11/14/16	KCA	5
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	11/14/16	KCA	5
Styrene	ND	1.17	1.17	ND	4.98	4.98	11/14/16	KCA	5
Tetrachloroethene	83.4	0.184	0.184	565	1.25	1.25	11/14/16	KCA	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	11/14/16	KCA	5
Toluene	ND	1.33	1.33	ND	5.01	5.01	11/14/16	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	11/14/16	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	11/14/16	KCA	5
Trichloroethene	542	2.33	2.33	2910	12.5	12.5	11/14/16	KCA	50
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	11/14/16	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	11/14/16	KCA	5
Vinyl Chloride	ND	0.489	0.489	ND	1.25	1.25	11/14/16	KCA	5
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	114	%	%	114	%	%	11/14/16	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

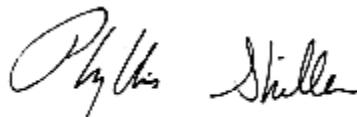
Comments:

An elevated reporting level was reported for TO15 due to a matrix interference of non target compounds.

S - Laboratory solvent, contamination is possible.

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

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

November 16, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: UNKNOWN CAN

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/10/16
 11/11/16 18:03

Project ID: 39-40 30TH ST LIC NY
 Client ID: AFTER CARBON

Laboratory Data

SDG ID: GBV81855
 Phoenix ID: BV81856

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/14/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/14/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/14/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/14/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/14/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/14/16	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/14/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/14/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/14/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/14/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/14/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/14/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/14/16	KCA	1	
Acetone	6.61	0.421	0.421	15.7	1.00	1.00	11/14/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/14/16	KCA	1	
Benzene	ND	0.313	0.313	ND	1.00	1.00	11/14/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/14/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/14/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/14/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/14/16	KCA	1
Carbon Disulfide	4.66	0.321	0.321	14.5	1.00	1.00	11/14/16	KCA	1
Carbon Tetrachloride	ND	0.040	0.040	ND	0.25	0.25	11/14/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/14/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/14/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/14/16	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/14/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/14/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/14/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/14/16	KCA	1
Dichlorodifluoromethane	0.567	0.202	0.202	2.80	1.00	1.00	11/14/16	KCA	1
Ethanol	83.6	E 0.531	0.531	157	1.00	1.00	11/14/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	11/14/16	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	11/14/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/14/16	KCA	1
Hexane	0.729	S 0.284	0.284	2.57	1.00	1.00	11/14/16	KCA	1
Isopropylalcohol	5.08	0.407	0.407	12.5	1.00	1.00	11/14/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
m,p-Xylene	0.516	0.230	0.230	2.24	1.00	1.00	11/14/16	KCA	1
Methyl Ethyl Ketone	3.29	0.339	0.339	9.7	1.00	1.00	11/14/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
Methylene Chloride	6.06	0.288	0.288	21.0	1.00	1.00	11/14/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	11/14/16	KCA	1
Propylene	2.92	0.581	0.581	5.02	1.00	1.00	11/14/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/14/16	KCA	1
Tetrachloroethene	0.096	0.037	0.037	0.65	0.25	0.25	11/14/16	KCA	1
Tetrahydrofuran	1.04	0.339	0.339	3.07	1.00	1.00	11/14/16	KCA	1
Toluene	0.958	0.266	0.266	3.61	1.00	1.00	11/14/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/14/16	KCA	1
Trichloroethene	0.056	0.047	0.047	0.30	0.25	0.25	11/14/16	KCA	1
Trichlorofluoromethane	ND	0.178	0.178	ND	1.00	1.00	11/14/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/14/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/14/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	110	%	%	110	%	%	11/14/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

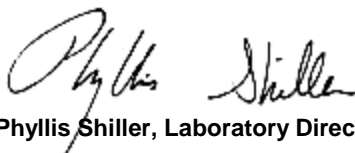
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.
This sample was sampled using a Tedlar airbag.

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

November 16, 2016

Reviewed and Released by: Ethan Lee, Project Manager

Wednesday, November 16, 2016

Criteria: NY: 375RRS

State: NY

Sample Criteria Exceedances Report

GBV81855 - EBC

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

*** No Data to Display ***

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

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

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

Contact Options:

Fax:
 Phone: 631-504-6000
 Email:

Project P.O.:

Project: 39-46 880 Street, LLC NY
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants

Customer: Environmental Business Consultants
 Address: 1808 Middle Country Road
Ridge, NY 11961

This section MUST be completed with Bottle Quantities.

Soil VOA Vial () oz	Soil container () oz	40m VOA Vial () oz	Soil container () oz	GL Amdc 1000ml () HCl	PL H2SO4 () 250ml () 1000ml	PL H2SO4 () 250ml () 1000ml	PL HNO3 250ml	Bacteria Bottle
----------------------	-----------------------	---------------------	-----------------------	------------------------	-------------------------------	-------------------------------	---------------	-----------------

Sampler's Signature: <u>[Signature]</u>	Date: <u>11/16/16</u>			
Client Sample - Information - Identification	Date: <u>11/16/16</u>			
Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water RW=Raw Water SE=Settiment SL=Sludge S=Soil SD=Solid W=Wipe OIL=Oil B=Bulk L=Liquid				
PHOENIX USE ONLY				
SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
81855	Before Carbon	Air	11/16/16	
81856	After Carbon	Air	11/16/16	

Analysis Request	Turnaround:	Res. Criteria	Res. Criteria	NY	Data Format
	<input type="checkbox"/> 1 Day* <input type="checkbox"/> 2 Days* <input type="checkbox"/> 3 Days* <input checked="" type="checkbox"/> 5 Days <input type="checkbox"/> 10 Days <input type="checkbox"/> Other	<input type="checkbox"/> Res. Criteria <input type="checkbox"/> Non-Res. Criteria <input type="checkbox"/> Impact to GW Soil <input type="checkbox"/> Cleanup Criteria <input type="checkbox"/> GW Criteria	<input type="checkbox"/> Res. Criteria <input type="checkbox"/> Non-Res. Criteria <input type="checkbox"/> Impact to GW Soil <input type="checkbox"/> Cleanup Criteria <input type="checkbox"/> GW Criteria	<input type="checkbox"/> NY 375 GWP <input type="checkbox"/> NY 375 Unrestricted Use Soil <input type="checkbox"/> NY 375 Residential Soil <input checked="" type="checkbox"/> Restricted/Residential Commercial <input type="checkbox"/> Industrial	<input checked="" type="checkbox"/> Phoenix Std Report <input type="checkbox"/> Excel <input type="checkbox"/> PDF <input type="checkbox"/> GIS/Key <input type="checkbox"/> EQUIS <input type="checkbox"/> NJ Hazsite EDD <input checked="" type="checkbox"/> NY EZ EDD (ASP) <input type="checkbox"/> Other

Requisitioned by: <u>[Signature]</u>	Accepted by: <u>[Signature]</u>	Date: <u>11-11-16 18:03</u>	Time: <u>18:03</u>
Comments, Special Requirements or Regulations:			
State where samples were collected: <u>NY</u>			



Tuesday, November 15, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30th St Queens NY
Sample ID#s: BV81711 - BV81718

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.

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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



SDG Comments

November 15, 2016

SDG I.D.: GBV81711

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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

Analysis Report
 November 15, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 455

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:03
 11/11/16 15:41

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81711

Project ID: 39-40 30th St Queens NY
 Client ID: SG24

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trimethylbenzene	0.359	0.204	0.204	1.76	1.00	1.00	11/13/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.325	0.244	0.244	1.33	1.00	1.00	11/13/16	KCA	1
Acetone	10.3	0.421	0.421	24.5	1.00	1.00	11/13/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1
Benzene	0.655	0.313	0.313	2.09	1.00	1.00	11/13/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.068	0.040	0.040	0.43	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.467	0.202	0.202	2.31	1.00	1.00	11/13/16	KCA	1
Ethanol	117	E 0.531	0.531	220	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	0.599	0.230	0.230	2.60	1.00	1.00	11/13/16	KCA	1
Heptane	0.378	0.244	0.244	1.55	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.768	S 0.284	0.284	2.71	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	43.9	E 0.407	0.407	108	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	2.31	0.230	0.230	10.0	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	2.04	0.339	0.339	6.01	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.385	S 0.288	0.288	1.34	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	0.682	0.230	0.230	2.96	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	0.573	0.037	0.037	3.88	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.582	0.339	0.339	1.72	1.00	1.00	11/13/16	KCA	1
Toluene	2.36	0.266	0.266	8.89	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.163	0.047	0.047	0.88	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.220	0.178	0.178	1.24	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	99	%	%	99	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

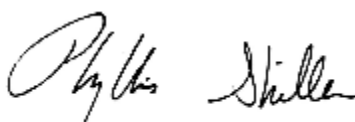
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 15, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 15, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 23162

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:40
 11/11/16 15:41

Project ID: 39-40 30th St Queens NY
 Client ID: SG23

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81712

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trimethylbenzene	0.530	0.204	0.204	2.60	1.00	1.00	11/13/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
Acetone	10.4	0.421	0.421	24.7	1.00	1.00	11/13/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1
Benzene	0.862	0.313	0.313	2.75	1.00	1.00	11/13/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1

Client ID: SG23

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.063	0.040	0.040	0.40	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	0.321	0.291	0.291	1.10	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.465	0.202	0.202	2.30	1.00	1.00	11/13/16	KCA	1
Ethanol	41.6	E 0.531	0.531	78.3	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	0.682	0.278	0.278	2.46	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	1.02	0.230	0.230	4.43	1.00	1.00	11/13/16	KCA	1
Heptane	0.397	0.244	0.244	1.63	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.798	S 0.284	0.284	2.81	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	97.8	E 0.407	0.407	240	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	4.11	0.230	0.230	17.8	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	1.73	0.339	0.339	5.10	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.361	S 0.288	0.288	1.25	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	1.20	0.230	0.230	5.21	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	0.365	0.235	0.235	1.55	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	0.640	0.037	0.037	4.34	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.536	0.339	0.339	1.58	1.00	1.00	11/13/16	KCA	1
Toluene	2.87	0.266	0.266	10.8	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.168	0.047	0.047	0.90	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.210	0.178	0.178	1.18	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

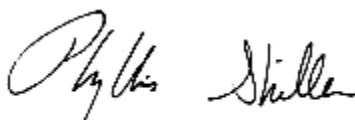
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 15, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 15, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 21370

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 5:53
 11/11/16 15:41

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81713

Project ID: 39-40 30th St Queens NY
 Client ID: ELEVATOR PIT

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
Acetone	9.32	0.421	0.421	22.1	1.00	1.00	11/13/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1
Benzene	0.576	0.313	0.313	1.84	1.00	1.00	11/13/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.070	0.040	0.040	0.44	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	0.500	0.485	0.485	1.03	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.467	0.202	0.202	2.31	1.00	1.00	11/13/16	KCA	1
Ethanol	108	E 0.531	0.531	203	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	0.354	0.230	0.230	1.54	1.00	1.00	11/13/16	KCA	1
Heptane	0.299	0.244	0.244	1.22	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.820	S 0.284	0.284	2.89	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	32.2	0.407	0.407	79.1	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	1.40	0.230	0.230	6.08	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	1.25	0.339	0.339	3.68	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.498	S 0.288	0.288	1.73	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	0.396	0.230	0.230	1.72	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	0.724	0.037	0.037	4.91	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.476	0.339	0.339	1.40	1.00	1.00	11/13/16	KCA	1
Toluene	1.80	0.266	0.266	6.78	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.140	0.047	0.047	0.75	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.224	0.178	0.178	1.26	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	98	%	%	98	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

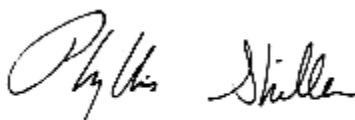
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 15, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 15, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 21363

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:15
 11/11/16 15:41

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81714

Project ID: 39-40 30th St Queens NY
 Client ID: INDOOR AIR SECOND FLOOR 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/14/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/14/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/14/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/14/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/14/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/14/16	KCA	1	
1,2,4-Trimethylbenzene	0.501	0.204	0.204	2.46	1.00	1.00	11/14/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/14/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/14/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/14/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/14/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/14/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/14/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.328	0.244	0.244	1.34	1.00	1.00	11/14/16	KCA	1	
Acetone	13.8	0.421	0.421	32.8	1.00	1.00	11/14/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/14/16	KCA	1	
Benzene	0.652	0.313	0.313	2.08	1.00	1.00	11/14/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/14/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/14/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/14/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/14/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/14/16	KCA	1
Carbon Tetrachloride	0.079	0.040	0.040	0.50	0.25	0.25	11/14/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/14/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/14/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/14/16	KCA	1
Chloromethane	0.621	0.485	0.485	1.28	1.00	1.00	11/14/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/14/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/14/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/14/16	KCA	1
Dichlorodifluoromethane	0.503	0.202	0.202	2.49	1.00	1.00	11/14/16	KCA	1
Ethanol	189	E 0.531	0.531	356	1.00	1.00	11/14/16	KCA	1
Ethyl acetate	0.634	0.278	0.278	2.28	1.00	1.00	11/14/16	KCA	1
Ethylbenzene	0.853	0.230	0.230	3.70	1.00	1.00	11/14/16	KCA	1
Heptane	0.444	0.244	0.244	1.82	1.00	1.00	11/14/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/14/16	KCA	1
Hexane	0.770	S 0.284	0.284	2.71	1.00	1.00	11/14/16	KCA	1
Isopropylalcohol	74.2	E 0.407	0.407	182	1.00	1.00	11/14/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
m,p-Xylene	2.93	0.230	0.230	12.7	1.00	1.00	11/14/16	KCA	1
Methyl Ethyl Ketone	2.69	0.339	0.339	7.93	1.00	1.00	11/14/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
Methylene Chloride	0.478	S 0.288	0.288	1.66	1.00	1.00	11/14/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
o-Xylene	1.02	0.230	0.230	4.43	1.00	1.00	11/14/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/14/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/14/16	KCA	1
Tetrachloroethene	0.876	0.037	0.037	5.94	0.25	0.25	11/14/16	KCA	1
Tetrahydrofuran	0.549	0.339	0.339	1.62	1.00	1.00	11/14/16	KCA	1
Toluene	2.66	0.266	0.266	10.0	1.00	1.00	11/14/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/14/16	KCA	1
Trichloroethene	0.214	0.047	0.047	1.15	0.25	0.25	11/14/16	KCA	1
Trichlorofluoromethane	0.276	0.178	0.178	1.55	1.00	1.00	11/14/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/14/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/14/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	108	%	%	108	%	%	11/14/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

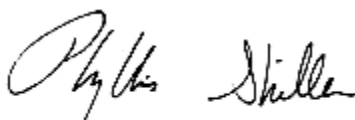
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 15, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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Analysis Report
 November 15, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13633

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:17
 11/11/16 15:41

Project ID: 39-40 30th St Queens NY
 Client ID: SB16

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81715

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/14/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/14/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/14/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/14/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/14/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/14/16	KCA	1
1,2,4-Trimethylbenzene	0.359	0.204	0.204	1.76	1.00	1.00	11/14/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/14/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/14/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/14/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/14/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/14/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/14/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.404	0.244	0.244	1.65	1.00	1.00	11/14/16	KCA	1
Acetone	9.00	0.421	0.421	21.4	1.00	1.00	11/14/16	KCA	1
Acrylonitrile	0.642	0.461	0.461	1.39	1.00	1.00	11/14/16	KCA	1
Benzene	0.636	0.313	0.313	2.03	1.00	1.00	11/14/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/14/16	KCA	1

Client ID: SB16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/14/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/14/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/14/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/14/16	KCA	1
Carbon Tetrachloride	0.083	0.040	0.040	0.52	0.25	0.25	11/14/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/14/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/14/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/14/16	KCA	1
Chloromethane	0.565	0.485	0.485	1.17	1.00	1.00	11/14/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/14/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/14/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/14/16	KCA	1
Dichlorodifluoromethane	0.480	0.202	0.202	2.37	1.00	1.00	11/14/16	KCA	1
Ethanol	160	E 0.531	0.531	301	1.00	1.00	11/14/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
Ethylbenzene	0.631	0.230	0.230	2.74	1.00	1.00	11/14/16	KCA	1
Heptane	0.333	0.244	0.244	1.36	1.00	1.00	11/14/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/14/16	KCA	1
Hexane	0.676	S 0.284	0.284	2.38	1.00	1.00	11/14/16	KCA	1
Isopropylalcohol	38.4	0.407	0.407	94.3	1.00	1.00	11/14/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
m,p-Xylene	2.23	0.230	0.230	9.7	1.00	1.00	11/14/16	KCA	1
Methyl Ethyl Ketone	1.69	0.339	0.339	4.98	1.00	1.00	11/14/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
Methylene Chloride	0.551	S 0.288	0.288	1.91	1.00	1.00	11/14/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
o-Xylene	0.687	0.230	0.230	2.98	1.00	1.00	11/14/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/14/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/14/16	KCA	1
Tetrachloroethene	0.785	0.037	0.037	5.32	0.25	0.25	11/14/16	KCA	1
Tetrahydrofuran	0.506	0.339	0.339	1.49	1.00	1.00	11/14/16	KCA	1
Toluene	2.20	0.266	0.266	8.29	1.00	1.00	11/14/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/14/16	KCA	1
Trichloroethene	0.194	0.047	0.047	1.04	0.25	0.25	11/14/16	KCA	1
Trichlorofluoromethane	0.249	0.178	0.178	1.40	1.00	1.00	11/14/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/14/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/14/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	110	%	%	110	%	%	11/14/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

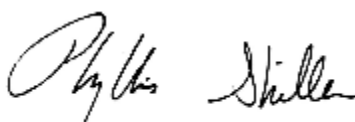
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 15, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 15, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 486

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:13
 11/11/16 15:41

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81716

Project ID: 39-40 30th St Queens NY
 Client ID: INDOOR AIR SECOND FLOOR 04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trimethylbenzene	0.672	0.204	0.204	3.30	1.00	1.00	11/13/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1
1,3,5-Trimethylbenzene	0.214	0.204	0.204	1.05	1.00	1.00	11/13/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dichlorobenzene	0.176	0.166	0.166	1.06	1.00	1.00	11/13/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.277	0.244	0.244	1.13	1.00	1.00	11/13/16	KCA	1
Acetone	17.4	0.421	0.421	41.3	1.00	1.00	11/13/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1
Benzene	0.557	0.313	0.313	1.78	1.00	1.00	11/13/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.057	0.040	0.040	0.36	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	0.580	0.485	0.485	1.20	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.474	0.202	0.202	2.34	1.00	1.00	11/13/16	KCA	1
Ethanol	1060	E 0.531	0.531	2000	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	0.863	0.278	0.278	3.11	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	0.565	0.230	0.230	2.45	1.00	1.00	11/13/16	KCA	1
Heptane	0.465	0.244	0.244	1.90	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.636	S 0.284	0.284	2.24	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	90.7	E 0.407	0.407	223	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	2.15	0.230	0.230	9.33	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	2.76	0.339	0.339	8.13	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.672	S 0.288	0.288	2.33	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	0.690	0.230	0.230	2.99	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	0.254	0.235	0.235	1.08	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	0.540	0.037	0.037	3.66	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.725	0.339	0.339	2.14	1.00	1.00	11/13/16	KCA	1
Toluene	2.57	0.266	0.266	9.7	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.233	0.047	0.047	1.25	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.265	0.178	0.178	1.49	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	97	%	%	97	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

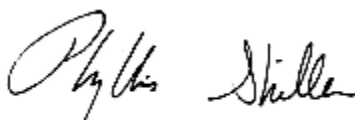
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 15, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 15, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13636

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:20
 11/11/16 15:41

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81717

Project ID: 39-40 30th St Queens NY
 Client ID: SG22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1	
1,2,4-Trimethylbenzene	0.581	0.204	0.204	2.85	1.00	1.00	11/13/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.748	0.244	0.244	3.06	1.00	1.00	11/13/16	KCA	1	
Acetone	12.2	0.421	0.421	29.0	1.00	1.00	11/13/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1	
Benzene	0.836	0.313	0.313	2.67	1.00	1.00	11/13/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1	

Client ID: SG22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.065	0.040	0.040	0.41	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	0.501	0.485	0.485	1.03	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	0.405	0.291	0.291	1.39	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.495	0.202	0.202	2.45	1.00	1.00	11/13/16	KCA	1
Ethanol	217	E 0.531	0.531	409	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	0.822	0.278	0.278	2.96	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	1.07	0.230	0.230	4.64	1.00	1.00	11/13/16	KCA	1
Heptane	0.433	0.244	0.244	1.77	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.806	S 0.284	0.284	2.84	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	75.7	E 0.407	0.407	186	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	4.17	0.230	0.230	18.1	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	1.99	0.339	0.339	5.87	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.503	S 0.288	0.288	1.75	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	1.26	0.230	0.230	5.47	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	2.29	0.037	0.037	15.5	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.599	0.339	0.339	1.77	1.00	1.00	11/13/16	KCA	1
Toluene	4.36	0.266	0.266	16.4	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.172	0.047	0.047	0.92	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.258	0.178	0.178	1.45	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	101	%	%	101	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

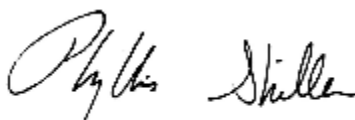
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 15, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 15, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 362

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:23
 11/11/16 15:41

Project ID: 39-40 30th St Queens NY
 Client ID: SG17

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81718

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trimethylbenzene	0.642	0.204	0.204	3.15	1.00	1.00	11/13/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1
1,3,5-Trimethylbenzene	0.213	0.204	0.204	1.05	1.00	1.00	11/13/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
Acetone	11.2	0.421	0.421	26.6	1.00	1.00	11/13/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1
Benzene	0.687	0.313	0.313	2.19	1.00	1.00	11/13/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.070	0.040	0.040	0.44	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	0.510	0.485	0.485	1.05	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.487	0.202	0.202	2.41	1.00	1.00	11/13/16	KCA	1
Ethanol	51.6	E 0.531	0.531	97.2	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	0.607	0.278	0.278	2.19	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	0.892	0.230	0.230	3.87	1.00	1.00	11/13/16	KCA	1
Heptane	0.316	0.244	0.244	1.29	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.867	S 0.284	0.284	3.05	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	76.2	E 0.407	0.407	187	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	3.57	0.230	0.230	15.5	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	2.18	0.339	0.339	6.43	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.691	S 0.288	0.288	2.40	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	1.11	0.230	0.230	4.82	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	0.616	0.037	0.037	4.18	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.732	0.339	0.339	2.16	1.00	1.00	11/13/16	KCA	1
Toluene	2.47	0.266	0.266	9.30	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.197	0.047	0.047	1.06	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.238	0.178	0.178	1.34	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	98	%	%	98	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

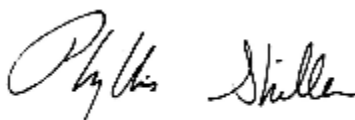
Comments:

E = Estimated value quantitated above calibration range for this compound.

S - Laboratory solvent, contamination is possible.

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

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

November 15, 2016

Reviewed and Released by: Ethan Lee, Project Manager

Tuesday, November 15, 2016

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBV81711 - EBC

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

*** No Data to Display ***

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

CHAIN OF CUSTODY RECORD

AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page of

Data Delivery:

Fax #:

Email: File

Phone #:



Phoenix Laboratories, Inc.
100 P.O. Box 370, Manchester, CT 06040
60645-1102 • Fax: 860-645-1823

Customer: EBE

Address: Lawrence Family

Invoice to: EBE

Project Name:

Requested Deliverable: ASP CAT B RCP MCP NJ Deliverables

State where samples collected: NY

Sampled by: Patrick Radio

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (H _g)	Incoming Canister Pressure (H _g)	Flow Regulator ID #	Flow Controller Setting (mL/min)	AM Sampling Start Time	PM Sampling End Time	Sample Start Date	Canister Pressure at Start (H _g)	Canister Pressure at End (H _g)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	ANALYSES	
																TO-14	TO-15
81711	SG24	455	6.0	-30	-3	6234	96	10:35	6:03	11-10-16	-30	-5	X			X	
81712	SG23	21362			-13	3416		10:30	6:40	11-10-16	-30	-15	X			X	
81713	Elevator Pit	21370			-2	4494		9:49	5:53	11-10-16	-30	-4	X			X	
81714	Indoor Air Second Floor 03	21363			-4	3504		10:10	6:15	11-10-16	-30	-6	X			X	
81715	SG16	13633			-4	5550		10:13	6:17	11-10-16	-30	-5	X			X	
81716	Indoor Air Second Floor 04	486			-5	5712		10:00	6:13	11-10-16	-30	-6	X			X	
81717	SG22	13636			-4	5660		10:17	6:20	11-10-16	-30	-6	X			X	
81718	SG17	19859			-4	4490											
	9x6L P/Hs	362				3190		10:17	6:23	11-10-16	-30	-5	X			X	

Relinquished by: [Signature] Date: 11-11-16 Time: 8:45

Accepted by: [Signature] Date: 11-11-16 Time: 15:41

Requested Criteria: Kept for Backup

SPECIAL INSTRUCTIONS OR REQUIREMENTS, REGULATORY INFORMATION: TAT 3 DAY

Requested Criteria: Kept for Backup

Signature: _____ Date: _____

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.

Sarah Bell

From: Chawinie Reilly <creilly@ebcincny.com>
Sent: Monday, November 14, 2016 8:48 AM
To: Sarah Bell
Cc: pat r
Subject: Re: suma cans

Also can you add the site name of 39-40 30th St Queens NY to the COC for GBV81711 ?

Thanks,

Chawinie

From: Chawinie Reilly
Sent: Monday, November 14, 2016 8:47 AM
To: Sarah Bell
Cc: pat r
Subject: Re: suma cans

Hi Sarah,

One of the suma cans we used from this order malfunctioned; the end pressure got stuck @ -15 (SG23). Can this one still be analyzed ?

Thanks,

Chawinie

From: Sarah Bell
Sent: Wednesday, November 02, 2016 10:21 AM
To: Chawinie Reilly
Cc: kevin waters
Subject: RE: suma cans

Yes they can be out 14 days. However I may not have them anyway tomorrow. But they will be there by Monday.

Sarah Bell
Client Services - Project Manager
Accounts Receivable
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102

From: Chawinie Reilly [<mailto:creilly@ebcincny.com>]
Sent: Wednesday, November 02, 2016 10:11 AM
To: Sarah Bell
Cc: kevin waters
Subject: Re: suma cans

Will they be ok to sample on Tuesday ?

From: Sarah Bell
Sent: Wednesday, November 02, 2016 10:05 AM
To: Chawinie Reilly
Cc: kevin waters
Subject: RE: suma cans

Chawinie we are going to AMC tomorrow can I send these then?

Sarah Bell
Client Services - Project Manager
Accounts Receivable
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102

From: Chawinie Reilly [<mailto:creilly@ebcincny.com>]
Sent: Wednesday, November 02, 2016 9:53 AM
To: Sarah Bell
Cc: kevin waters
Subject: re: suma cans

Hi Sarah,

Can you send nine of the 6-liter suma cans with 8 hr regulators to the LIC office on Monday ?

Thanks,

Chawinie Reilly
Project Manager / Industrial Hygienist
EBC
Environmental Business Consultants
Ph: (631) 504-6000 ext. 123
Fax: (631) 924-2870
Cell: (631) 827-5007
creilly@ebcincny.com



MONTHLY REPORT FOR NOVEMBER 2016

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: November 1, 2016 to November 30, 2016
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN NOVEMBER

- 1) Weekly sampling conducted on 11/10, 11/23, 11/30
- 2) Monthly indoor air sampling was conducted on 11/10
- 3) As per DEC two tedlar bag samples were collected (before carbon and after carbon) for lab analysis on 11/10
- 4) 11/23 breakthrough meter installed after carbon
- 5) 11/18 DEC no longer required the operation of the temporary system

MATERIALS TRANSPORTED OFFSITE IN MONTH OF NOVEMBER

- 1) 4 carbon drums were removed from the site; these drums were associated with the temporary system

MATERIALS TRANSPORTED ONSITE IN MONTH OF NOVEMBER

- 1) Two carbon drums as back ups for the SVE system

SAMPLING RESULTS

- 1) ITCE in indoor air samples ranged from 0.75 ug/m³ to 1.25 ug/m³. TCE in the tedlar bag sample before the carbon was 2,910 ug/m³ and after the carbon was 0.3 ug/m³. Laboratory results for these samples is attached.
- 2) A table with the summary of SVE PID (from tedlar bag and directly from PID) readings and vacuum readings is attached

PLAN FOR MONTH OF DECEMBER 2016

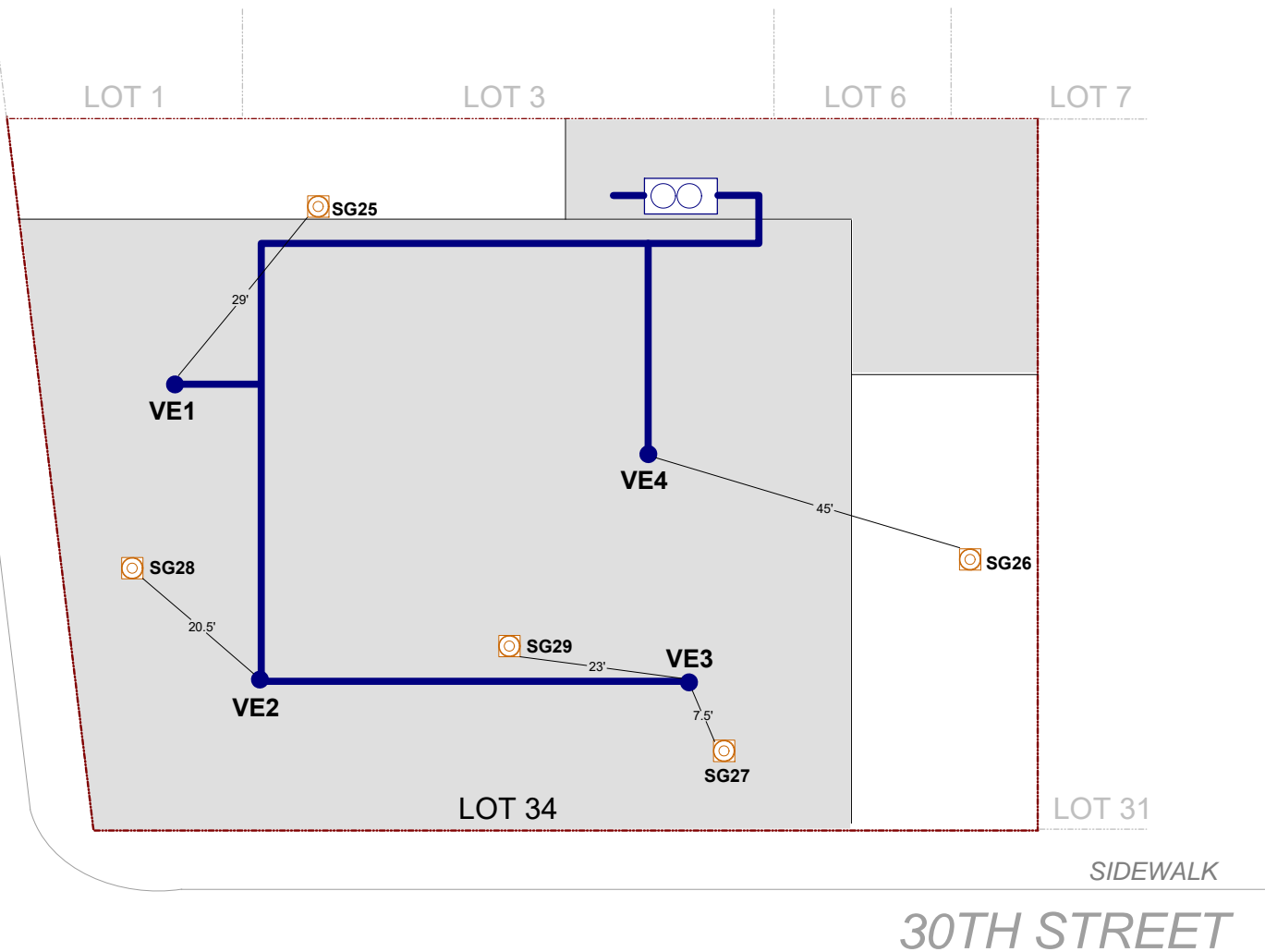
- 1) DEC approved sub slab points will be installed; 12/8
- 2) Weekly and bi weekly sampling will be continued

SCHEDULE DELAYS

N/A



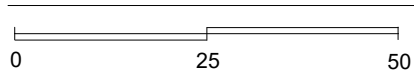
40TH STREET
SIDEWALK



KEY:

 Property Boundary

SCALE:



Scale: 1 inch = 25 feet



ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

Figure
1

Site Name:	REDEVELOPMENT PROJECT
Site Address:	39-40 30TH STREET, QUEENS, NY
Drawing Title:	SVE SYSTEM LAYOUT & SOIL GAS LOCATIONS

Extraction Point and Date	Vacuum (iwc)	PID Reading from Tedlar Bag	PID Reading from pipe
VE-1 on 11/10/16	-14.76	3,469 (ppb)	5,015 (ppb)
VE-2 on 11/10/16	-14.86	2,546 (ppb)	1,562 (ppb)
VE-3 on 11/10/16	-14.47	1,547 (ppb)	1,023 (ppb)
VE-4 on 11/10/16	-15.79	3,816 (ppb)	4,469 (ppb)
Blower inlet on 11/10/16	-	-	-
Before Carbon Drums on 11/10/16	10.53	-	3,072 (ppb)
After Carbon Drums on 11/10/16	0.5	-	0 (ppb)
VE-1 on 11/23/16	-14.57	0.35 (ppm)	0.15 (ppm)
VE-2 on 11/23/16	-14.79	0.20 (ppm)	0.20 (ppm)
VE-3 on 11/23/16	-14.47	0.20 (ppm)	0.20 (ppm)
VE-4 on 11/23/16	-15.79	0.30 (ppm)	0.30 (ppm)
Blower inlet on 11/23/16	-	-	-
Before Carbon Drums on 11/23/16	-	0.20 (ppm)	0.40 (ppm)
After Carbon Drums on 11/23/16	-	0.0 (ppm)	0.0 (ppm)
VE-1 on 11/30/16	-14.71	1419 (ppb)	1916 (ppb)
VE-2 on 11/30/16	-14.90	866 (ppb)	743 (ppb)
VE-3 on 11/30/16	-14.59	367 (ppb)	317 (ppb)
VE-4 on 11/30/16	-16.08	1039 (ppb)	1689 (ppb)
Blower inlet on 11/30/16	-29	-	-
Before Carbon Drums on 11/30/16	-	2288 (ppb)	2118 (ppb)
After Carbon Drums on 11/30/16	-	0 (ppb)	0 (ppb)

Extraction Point and Date	Vacuum (iwc)	PID Reading from Tedlar Bag	PID Reading from pipe
VE-1 on 12/8/16	-14.75	1257 (ppb)	552 (ppb)
VE-2 on 12/8/16	-14.86	817 (ppb)	656 (ppb)
VE-3 on 12/8/16	-14.37	662 (ppb)	464 (ppb)
VE-4 on 12/8/16	-15.85	323 (ppb)	425 (ppb)
Blower inlet on 12/8/16	- 27.5	-	-
Before Carbon Drums on 12/8/16	-	609 (ppb)	986 (ppb)
After Carbon Drums on 12/8/16	-	0	0



Tuesday, November 15, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30th St Queens NY
Sample ID#s: BV81711 - BV81718

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.

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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



SDG Comments

November 15, 2016

SDG I.D.: GBV81711

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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

Analysis Report
 November 15, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 455

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:03
 11/11/16 15:41

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81711

Project ID: 39-40 30th St Queens NY
 Client ID: SG24

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trimethylbenzene	0.359	0.204	0.204	1.76	1.00	1.00	11/13/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.325	0.244	0.244	1.33	1.00	1.00	11/13/16	KCA	1
Acetone	10.3	0.421	0.421	24.5	1.00	1.00	11/13/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1
Benzene	0.655	0.313	0.313	2.09	1.00	1.00	11/13/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.068	0.040	0.040	0.43	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.467	0.202	0.202	2.31	1.00	1.00	11/13/16	KCA	1
Ethanol	117	E 0.531	0.531	220	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	0.599	0.230	0.230	2.60	1.00	1.00	11/13/16	KCA	1
Heptane	0.378	0.244	0.244	1.55	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.768	S 0.284	0.284	2.71	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	43.9	E 0.407	0.407	108	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	2.31	0.230	0.230	10.0	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	2.04	0.339	0.339	6.01	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.385	S 0.288	0.288	1.34	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	0.682	0.230	0.230	2.96	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	0.573	0.037	0.037	3.88	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.582	0.339	0.339	1.72	1.00	1.00	11/13/16	KCA	1
Toluene	2.36	0.266	0.266	8.89	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.163	0.047	0.047	0.88	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.220	0.178	0.178	1.24	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	99	%	%	99	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

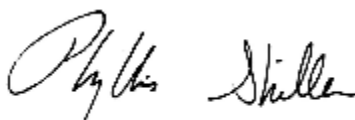
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 15, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 15, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 23162

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:40
 11/11/16 15:41

Project ID: 39-40 30th St Queens NY
 Client ID: SG23

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81712

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trimethylbenzene	0.530	0.204	0.204	2.60	1.00	1.00	11/13/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
Acetone	10.4	0.421	0.421	24.7	1.00	1.00	11/13/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1
Benzene	0.862	0.313	0.313	2.75	1.00	1.00	11/13/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.063	0.040	0.040	0.40	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	0.321	0.291	0.291	1.10	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.465	0.202	0.202	2.30	1.00	1.00	11/13/16	KCA	1
Ethanol	41.6	E 0.531	0.531	78.3	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	0.682	0.278	0.278	2.46	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	1.02	0.230	0.230	4.43	1.00	1.00	11/13/16	KCA	1
Heptane	0.397	0.244	0.244	1.63	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.798	S 0.284	0.284	2.81	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	97.8	E 0.407	0.407	240	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	4.11	0.230	0.230	17.8	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	1.73	0.339	0.339	5.10	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.361	S 0.288	0.288	1.25	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	1.20	0.230	0.230	5.21	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	0.365	0.235	0.235	1.55	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	0.640	0.037	0.037	4.34	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.536	0.339	0.339	1.58	1.00	1.00	11/13/16	KCA	1
Toluene	2.87	0.266	0.266	10.8	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.168	0.047	0.047	0.90	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.210	0.178	0.178	1.18	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

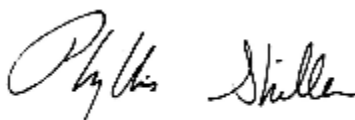
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 15, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 15, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 21370

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 5:53
 11/11/16 15:41

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81713

Project ID: 39-40 30th St Queens NY
 Client ID: ELEVATOR PIT

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
Acetone	9.32	0.421	0.421	22.1	1.00	1.00	11/13/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1
Benzene	0.576	0.313	0.313	1.84	1.00	1.00	11/13/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.070	0.040	0.040	0.44	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	0.500	0.485	0.485	1.03	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.467	0.202	0.202	2.31	1.00	1.00	11/13/16	KCA	1
Ethanol	108	E 0.531	0.531	203	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	0.354	0.230	0.230	1.54	1.00	1.00	11/13/16	KCA	1
Heptane	0.299	0.244	0.244	1.22	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.820	S 0.284	0.284	2.89	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	32.2	0.407	0.407	79.1	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	1.40	0.230	0.230	6.08	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	1.25	0.339	0.339	3.68	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.498	S 0.288	0.288	1.73	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	0.396	0.230	0.230	1.72	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	0.724	0.037	0.037	4.91	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.476	0.339	0.339	1.40	1.00	1.00	11/13/16	KCA	1
Toluene	1.80	0.266	0.266	6.78	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.140	0.047	0.047	0.75	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.224	0.178	0.178	1.26	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	98	%	%	98	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

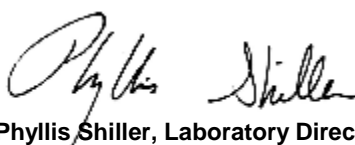
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 15, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 15, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 21363

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:15
 11/11/16 15:41

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81714

Project ID: 39-40 30th St Queens NY
 Client ID: INDOOR AIR SECOND FLOOR 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/14/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/14/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/14/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/14/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/14/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/14/16	KCA	1	
1,2,4-Trimethylbenzene	0.501	0.204	0.204	2.46	1.00	1.00	11/14/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/14/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/14/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/14/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/14/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/14/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/14/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.328	0.244	0.244	1.34	1.00	1.00	11/14/16	KCA	1	
Acetone	13.8	0.421	0.421	32.8	1.00	1.00	11/14/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/14/16	KCA	1	
Benzene	0.652	0.313	0.313	2.08	1.00	1.00	11/14/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/14/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/14/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/14/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/14/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/14/16	KCA	1
Carbon Tetrachloride	0.079	0.040	0.040	0.50	0.25	0.25	11/14/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/14/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/14/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/14/16	KCA	1
Chloromethane	0.621	0.485	0.485	1.28	1.00	1.00	11/14/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/14/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/14/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/14/16	KCA	1
Dichlorodifluoromethane	0.503	0.202	0.202	2.49	1.00	1.00	11/14/16	KCA	1
Ethanol	189	E 0.531	0.531	356	1.00	1.00	11/14/16	KCA	1
Ethyl acetate	0.634	0.278	0.278	2.28	1.00	1.00	11/14/16	KCA	1
Ethylbenzene	0.853	0.230	0.230	3.70	1.00	1.00	11/14/16	KCA	1
Heptane	0.444	0.244	0.244	1.82	1.00	1.00	11/14/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/14/16	KCA	1
Hexane	0.770	S 0.284	0.284	2.71	1.00	1.00	11/14/16	KCA	1
Isopropylalcohol	74.2	E 0.407	0.407	182	1.00	1.00	11/14/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
m,p-Xylene	2.93	0.230	0.230	12.7	1.00	1.00	11/14/16	KCA	1
Methyl Ethyl Ketone	2.69	0.339	0.339	7.93	1.00	1.00	11/14/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
Methylene Chloride	0.478	S 0.288	0.288	1.66	1.00	1.00	11/14/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
o-Xylene	1.02	0.230	0.230	4.43	1.00	1.00	11/14/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/14/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/14/16	KCA	1
Tetrachloroethene	0.876	0.037	0.037	5.94	0.25	0.25	11/14/16	KCA	1
Tetrahydrofuran	0.549	0.339	0.339	1.62	1.00	1.00	11/14/16	KCA	1
Toluene	2.66	0.266	0.266	10.0	1.00	1.00	11/14/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/14/16	KCA	1
Trichloroethene	0.214	0.047	0.047	1.15	0.25	0.25	11/14/16	KCA	1
Trichlorofluoromethane	0.276	0.178	0.178	1.55	1.00	1.00	11/14/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/14/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/14/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	108	%	%	108	%	%	11/14/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

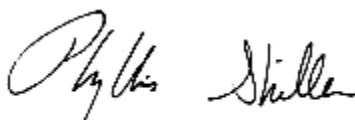
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 15, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 15, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13633

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:17
 11/11/16 15:41

Project ID: 39-40 30th St Queens NY
 Client ID: SB16

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81715

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/14/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/14/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/14/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/14/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/14/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/14/16	KCA	1
1,2,4-Trimethylbenzene	0.359	0.204	0.204	1.76	1.00	1.00	11/14/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/14/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/14/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/14/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/14/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/14/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/14/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.404	0.244	0.244	1.65	1.00	1.00	11/14/16	KCA	1
Acetone	9.00	0.421	0.421	21.4	1.00	1.00	11/14/16	KCA	1
Acrylonitrile	0.642	0.461	0.461	1.39	1.00	1.00	11/14/16	KCA	1
Benzene	0.636	0.313	0.313	2.03	1.00	1.00	11/14/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/14/16	KCA	1

Client ID: SB16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/14/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/14/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/14/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/14/16	KCA	1
Carbon Tetrachloride	0.083	0.040	0.040	0.52	0.25	0.25	11/14/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/14/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/14/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/14/16	KCA	1
Chloromethane	0.565	0.485	0.485	1.17	1.00	1.00	11/14/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/14/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/14/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/14/16	KCA	1
Dichlorodifluoromethane	0.480	0.202	0.202	2.37	1.00	1.00	11/14/16	KCA	1
Ethanol	160	E 0.531	0.531	301	1.00	1.00	11/14/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
Ethylbenzene	0.631	0.230	0.230	2.74	1.00	1.00	11/14/16	KCA	1
Heptane	0.333	0.244	0.244	1.36	1.00	1.00	11/14/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/14/16	KCA	1
Hexane	0.676	S 0.284	0.284	2.38	1.00	1.00	11/14/16	KCA	1
Isopropylalcohol	38.4	0.407	0.407	94.3	1.00	1.00	11/14/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
m,p-Xylene	2.23	0.230	0.230	9.7	1.00	1.00	11/14/16	KCA	1
Methyl Ethyl Ketone	1.69	0.339	0.339	4.98	1.00	1.00	11/14/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
Methylene Chloride	0.551	S 0.288	0.288	1.91	1.00	1.00	11/14/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
o-Xylene	0.687	0.230	0.230	2.98	1.00	1.00	11/14/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/14/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/14/16	KCA	1
Tetrachloroethene	0.785	0.037	0.037	5.32	0.25	0.25	11/14/16	KCA	1
Tetrahydrofuran	0.506	0.339	0.339	1.49	1.00	1.00	11/14/16	KCA	1
Toluene	2.20	0.266	0.266	8.29	1.00	1.00	11/14/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/14/16	KCA	1
Trichloroethene	0.194	0.047	0.047	1.04	0.25	0.25	11/14/16	KCA	1
Trichlorofluoromethane	0.249	0.178	0.178	1.40	1.00	1.00	11/14/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/14/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/14/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	110	%	%	110	%	%	11/14/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

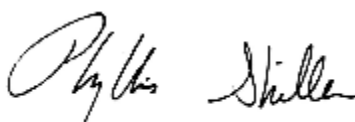
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 15, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 15, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 486

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:13
 11/11/16 15:41

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81716

Project ID: 39-40 30th St Queens NY
 Client ID: INDOOR AIR SECOND FLOOR 04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1	
1,2,4-Trimethylbenzene	0.672	0.204	0.204	3.30	1.00	1.00	11/13/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1	
1,3,5-Trimethylbenzene	0.214	0.204	0.204	1.05	1.00	1.00	11/13/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1	
1,4-Dichlorobenzene	0.176	0.166	0.166	1.06	1.00	1.00	11/13/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.277	0.244	0.244	1.13	1.00	1.00	11/13/16	KCA	1	
Acetone	17.4	0.421	0.421	41.3	1.00	1.00	11/13/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1	
Benzene	0.557	0.313	0.313	1.78	1.00	1.00	11/13/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.057	0.040	0.040	0.36	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	0.580	0.485	0.485	1.20	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.474	0.202	0.202	2.34	1.00	1.00	11/13/16	KCA	1
Ethanol	1060	E 0.531	0.531	2000	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	0.863	0.278	0.278	3.11	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	0.565	0.230	0.230	2.45	1.00	1.00	11/13/16	KCA	1
Heptane	0.465	0.244	0.244	1.90	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.636	S 0.284	0.284	2.24	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	90.7	E 0.407	0.407	223	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	2.15	0.230	0.230	9.33	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	2.76	0.339	0.339	8.13	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.672	S 0.288	0.288	2.33	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	0.690	0.230	0.230	2.99	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	0.254	0.235	0.235	1.08	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	0.540	0.037	0.037	3.66	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.725	0.339	0.339	2.14	1.00	1.00	11/13/16	KCA	1
Toluene	2.57	0.266	0.266	9.7	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.233	0.047	0.047	1.25	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.265	0.178	0.178	1.49	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	97	%	%	97	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

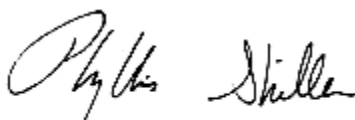
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 15, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 15, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13636

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:20
 11/11/16 15:41

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81717

Project ID: 39-40 30th St Queens NY
 Client ID: SG22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trimethylbenzene	0.581	0.204	0.204	2.85	1.00	1.00	11/13/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.748	0.244	0.244	3.06	1.00	1.00	11/13/16	KCA	1
Acetone	12.2	0.421	0.421	29.0	1.00	1.00	11/13/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1
Benzene	0.836	0.313	0.313	2.67	1.00	1.00	11/13/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.065	0.040	0.040	0.41	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	0.501	0.485	0.485	1.03	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	0.405	0.291	0.291	1.39	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.495	0.202	0.202	2.45	1.00	1.00	11/13/16	KCA	1
Ethanol	217	E 0.531	0.531	409	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	0.822	0.278	0.278	2.96	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	1.07	0.230	0.230	4.64	1.00	1.00	11/13/16	KCA	1
Heptane	0.433	0.244	0.244	1.77	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.806	S 0.284	0.284	2.84	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	75.7	E 0.407	0.407	186	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	4.17	0.230	0.230	18.1	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	1.99	0.339	0.339	5.87	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.503	S 0.288	0.288	1.75	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	1.26	0.230	0.230	5.47	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	2.29	0.037	0.037	15.5	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.599	0.339	0.339	1.77	1.00	1.00	11/13/16	KCA	1
Toluene	4.36	0.266	0.266	16.4	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.172	0.047	0.047	0.92	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.258	0.178	0.178	1.45	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

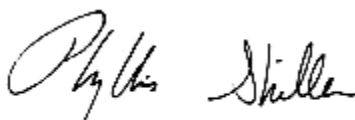
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 15, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 15, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 362

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:23
 11/11/16 15:41

Project ID: 39-40 30th St Queens NY
 Client ID: SG17

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81718

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trimethylbenzene	0.642	0.204	0.204	3.15	1.00	1.00	11/13/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1
1,3,5-Trimethylbenzene	0.213	0.204	0.204	1.05	1.00	1.00	11/13/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
Acetone	11.2	0.421	0.421	26.6	1.00	1.00	11/13/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1
Benzene	0.687	0.313	0.313	2.19	1.00	1.00	11/13/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.070	0.040	0.040	0.44	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	0.510	0.485	0.485	1.05	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.487	0.202	0.202	2.41	1.00	1.00	11/13/16	KCA	1
Ethanol	51.6	E 0.531	0.531	97.2	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	0.607	0.278	0.278	2.19	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	0.892	0.230	0.230	3.87	1.00	1.00	11/13/16	KCA	1
Heptane	0.316	0.244	0.244	1.29	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.867	S 0.284	0.284	3.05	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	76.2	E 0.407	0.407	187	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	3.57	0.230	0.230	15.5	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	2.18	0.339	0.339	6.43	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.691	S 0.288	0.288	2.40	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	1.11	0.230	0.230	4.82	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	0.616	0.037	0.037	4.18	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.732	0.339	0.339	2.16	1.00	1.00	11/13/16	KCA	1
Toluene	2.47	0.266	0.266	9.30	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.197	0.047	0.047	1.06	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.238	0.178	0.178	1.34	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	98	%	%	98	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

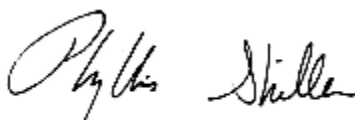
Comments:

E = Estimated value quantitated above calibration range for this compound.

S - Laboratory solvent, contamination is possible.

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

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

November 15, 2016

Reviewed and Released by: Ethan Lee, Project Manager

Tuesday, November 15, 2016

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBV81711 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

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

CHAIN OF CUSTODY RECORD

AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page of

Data Delivery:

Fax #:

Email: File

Phone #:



Phoenix Laboratories, Inc.

116 P.O. Box 370, Manchester, CT 06040
60645-1102 • Fax: 860-645-1823

Customer: EBE Invoice to: EBE

Address: Lawnie Bailey

Requested Deliverable: ASP CAT B RCP MCP NJ Deliverables

State where samples collected: NY

Sampled by: Patrick Redo

Phoenix ID #	Client Sample ID	THIS SECTION FOR LAB USE ONLY				Flow Regulator ID #	Flow Controller Setting (mL/min)	AM Sampling Start Time	AM Sampling End Time	PM Sampling 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	ANALYSES
		Canister ID #	Canister Size (L)	Outgoing Canister Pressure (Hg)	Incoming Canister Pressure (Hg)													
81711	SG24	455	6.0	-30	-3	6234	96	10:35	6:03	11-10-16	-30	-5	X		X			
81712	SG23	21362			-13	3416		10:30	6:40	11-10-16	-30	-15	X		X			
81713	Elevator Pit	21370			-2	4494		9:49	5:53	11-10-16	-30	-4	X		X			
81714	Indoor Air Second Floor 03	21363			-4	3504		10:10	6:15	11-10-16	-30	-6	X		X			
81715	SG16	13633			-4	5550		10:13	6:17	11-10-16	-30	-5	X		X			
81716	Indoor Air Second Floor 04	486			-5	5712		10:00	6:13	11-10-16	-30	-6	X		X			
81717	SG22	13636			-4	5660		10:17	6:20	11-10-16	-30	-6	X		X			
81718	SG17	19859			-4	4490												
	9x6L PHS	362				3190		10:17	6:23	11-10-16	-30	-5	X		X			

Relinquished by: [Signature] Date: 11-11-16 Time: 8:45

Accepted by: [Signature] Date: 11-11-16 Time: 15:41

Requested Criteria: Keptal Bunch

SPECIAL INSTRUCTIONS OR REQUIREMENTS, REGULATORY INFORMATION: TAT 3 DAY

Requested Criteria: _____

Quote Number: _____

Signature: _____ Date: _____

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.

Sarah Bell

From: Chawinie Reilly <creilly@ebcincny.com>
Sent: Monday, November 14, 2016 8:48 AM
To: Sarah Bell
Cc: pat r
Subject: Re: suma cans

Also can you add the site name of 39-40 30th St Queens NY to the COC for GBV81711 ?

Thanks,

Chawinie

From: Chawinie Reilly
Sent: Monday, November 14, 2016 8:47 AM
To: Sarah Bell
Cc: pat r
Subject: Re: suma cans

Hi Sarah,

One of the suma cans we used from this order malfunctioned; the end pressure got stuck @ -15 (SG23). Can this one still be analyzed ?

Thanks,

Chawinie

From: Sarah Bell
Sent: Wednesday, November 02, 2016 10:21 AM
To: Chawinie Reilly
Cc: kevin waters
Subject: RE: suma cans

Yes they can be out 14 days. However I may not have them anyway tomorrow. But they will be there by Monday.

Sarah Bell
Client Services - Project Manager
Accounts Receivable
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102

From: Chawinie Reilly [<mailto:creilly@ebcincny.com>]
Sent: Wednesday, November 02, 2016 10:11 AM
To: Sarah Bell
Cc: kevin waters
Subject: Re: suma cans

Will they be ok to sample on Tuesday ?

From: Sarah Bell
Sent: Wednesday, November 02, 2016 10:05 AM
To: Chawinie Reilly
Cc: kevin waters
Subject: RE: suma cans

Chawinie we are going to AMC tomorrow can I send these then?

Sarah Bell
Client Services - Project Manager
Accounts Receivable
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102

From: Chawinie Reilly [<mailto:creilly@ebcincny.com>]
Sent: Wednesday, November 02, 2016 9:53 AM
To: Sarah Bell
Cc: kevin waters
Subject: re: suma cans

Hi Sarah,

Can you send nine of the 6-liter suma cans with 8 hr regulators to the LIC office on Monday ?

Thanks,

Chawinie Reilly
Project Manager / Industrial Hygienist
EBC
Environmental Business Consultants
Ph: (631) 504-6000 ext. 123
Fax: (631) 924-2870
Cell: (631) 827-5007
creilly@ebcincny.com



Wednesday, November 16, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST LIC NY
Sample ID#s: BV81855 - BV81856

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.

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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



SDG Comments

November 16, 2016

SDG I.D.: GBV81855

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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

Analysis Report
 November 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: UNKNOWN CAN

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/10/16
 11/11/16 18:03

Project ID: 39-40 30TH ST LIC NY
 Client ID: BEFORE CARBON

Laboratory Data

SDG ID: GBV81855
 Phoenix ID: BV81855

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	11/14/16	KCA	5
1,1,1-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	11/14/16	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	0.729	ND	5.00	5.00	11/14/16	KCA	5
1,1,2-Trichloroethane	ND	0.917	0.917	ND	5.00	5.00	11/14/16	KCA	5
1,1-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	11/14/16	KCA	5
1,1-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	11/14/16	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	0.674	ND	5.00	5.00	11/14/16	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	11/14/16	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	0.651	ND	5.00	5.00	11/14/16	KCA	5
1,2-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	11/14/16	KCA	5
1,2-Dichloroethane	ND	1.24	1.24	ND	5.02	5.02	11/14/16	KCA	5
1,2-dichloropropane	ND	1.08	1.08	ND	4.99	4.99	11/14/16	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	0.716	ND	5.00	5.00	11/14/16	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	1.02	ND	5.01	5.01	11/14/16	KCA	5
1,3-Butadiene	ND	2.26	2.26	ND	5.00	5.00	11/14/16	KCA	5
1,3-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	11/14/16	KCA	5
1,4-Dichlorobenzene	ND	0.832	0.832	ND	5.00	5.00	11/14/16	KCA	5
1,4-Dioxane	ND	1.39	1.39	ND	5.01	5.01	11/14/16	KCA	5
2-Hexanone(MBK)	ND	1.22	1.22	ND	4.99	4.99	11/14/16	KCA	5
4-Ethyltoluene	ND	1.02	1.02	ND	5.01	5.01	11/14/16	KCA	5
4-Isopropyltoluene	ND	0.911	0.911	ND	5.00	5.00	11/14/16	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	1.22	ND	4.99	4.99	11/14/16	KCA	5
Acetone	10.3	S 2.11	2.11	24.5	5.01	5.01	11/14/16	KCA	5
Acrylonitrile	ND	2.31	2.31	ND	5.01	5.01	11/14/16	KCA	5
Benzene	ND	1.57	1.57	ND	5.01	5.01	11/14/16	KCA	5
Benzyl chloride	ND	0.966	0.966	ND	5.00	5.00	11/14/16	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	0.747	ND	5.00	5.00	11/14/16	KCA	5
Bromoform	ND	0.484	0.484	ND	5.00	5.00	11/14/16	KCA	5
Bromomethane	ND	1.29	1.29	ND	5.01	5.01	11/14/16	KCA	5
Carbon Disulfide	4.18	1.61	1.61	13.0	5.01	5.01	11/14/16	KCA	5
Carbon Tetrachloride	ND	0.198	0.198	ND	1.24	1.24	11/14/16	KCA	5
Chlorobenzene	ND	1.09	1.09	ND	5.01	5.01	11/14/16	KCA	5
Chloroethane	ND	1.90	1.90	ND	5.01	5.01	11/14/16	KCA	5
Chloroform	1.25	1.02	1.02	6.10	4.98	4.98	11/14/16	KCA	5
Chloromethane	ND	2.42	2.42	ND	4.99	4.99	11/14/16	KCA	5
Cis-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	11/14/16	KCA	5
cis-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	11/14/16	KCA	5
Cyclohexane	ND	1.45	1.45	ND	4.99	4.99	11/14/16	KCA	5
Dibromochloromethane	ND	0.587	0.587	ND	5.00	5.00	11/14/16	KCA	5
Dichlorodifluoromethane	ND	1.01	1.01	ND	4.99	4.99	11/14/16	KCA	5
Ethanol	87.2	2.66	2.66	164	5.01	5.01	11/14/16	KCA	5
Ethyl acetate	ND	1.39	1.39	ND	5.01	5.01	11/14/16	KCA	5
Ethylbenzene	ND	1.15	1.15	ND	4.99	4.99	11/14/16	KCA	5
Heptane	ND	1.22	1.22	ND	5.00	5.00	11/14/16	KCA	5
Hexachlorobutadiene	ND	0.469	0.469	ND	5.00	5.00	11/14/16	KCA	5
Hexane	ND	1.42	1.42	ND	5.00	5.00	11/14/16	KCA	5
Isopropylalcohol	16.3	2.04	2.04	40.0	5.01	5.01	11/14/16	KCA	5
Isopropylbenzene	ND	1.02	1.02	ND	5.01	5.01	11/14/16	KCA	5
m,p-Xylene	ND	1.15	1.15	ND	4.99	4.99	11/14/16	KCA	5
Methyl Ethyl Ketone	2.67	1.70	1.70	7.87	5.01	5.01	11/14/16	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	1.39	ND	5.01	5.01	11/14/16	KCA	5
Methylene Chloride	6.09	S 1.44	1.44	21.1	5.00	5.00	11/14/16	KCA	5
n-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	11/14/16	KCA	5
o-Xylene	ND	1.15	1.15	ND	4.99	4.99	11/14/16	KCA	5
Propylene	ND	2.91	2.91	ND	5.01	5.01	11/14/16	KCA	5
sec-Butylbenzene	ND	0.911	0.911	ND	5.00	5.00	11/14/16	KCA	5
Styrene	ND	1.17	1.17	ND	4.98	4.98	11/14/16	KCA	5
Tetrachloroethene	83.4	0.184	0.184	565	1.25	1.25	11/14/16	KCA	5
Tetrahydrofuran	ND	1.70	1.70	ND	5.01	5.01	11/14/16	KCA	5
Toluene	ND	1.33	1.33	ND	5.01	5.01	11/14/16	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	1.26	ND	4.99	4.99	11/14/16	KCA	5
trans-1,3-Dichloropropene	ND	1.10	1.10	ND	4.99	4.99	11/14/16	KCA	5
Trichloroethene	542	2.33	2.33	2910	12.5	12.5	11/14/16	KCA	50
Trichlorofluoromethane	ND	0.891	0.891	ND	5.00	5.00	11/14/16	KCA	5
Trichlorotrifluoroethane	ND	0.653	0.653	ND	5.00	5.00	11/14/16	KCA	5
Vinyl Chloride	ND	0.489	0.489	ND	1.25	1.25	11/14/16	KCA	5
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	114	%	%	114	%	%	11/14/16	KCA	5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

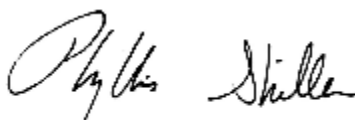
Comments:

An elevated reporting level was reported for TO15 due to a matrix interference of non target compounds.

S - Laboratory solvent, contamination is possible.

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

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

November 16, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report
 November 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: UNKNOWN CAN

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/10/16
 11/11/16 18:03

Laboratory Data

SDG ID: GBV81855
 Phoenix ID: BV81856

Project ID: 39-40 30TH ST LIC NY
 Client ID: AFTER CARBON

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/14/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/14/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/14/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/14/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/14/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/14/16	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/14/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/14/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/14/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/14/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/14/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/14/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/14/16	KCA	1
Acetone	6.61	0.421	0.421	15.7	1.00	1.00	11/14/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/14/16	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	11/14/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/14/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/14/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/14/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/14/16	KCA	1
Carbon Disulfide	4.66	0.321	0.321	14.5	1.00	1.00	11/14/16	KCA	1
Carbon Tetrachloride	ND	0.040	0.040	ND	0.25	0.25	11/14/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/14/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/14/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/14/16	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/14/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/14/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/14/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/14/16	KCA	1
Dichlorodifluoromethane	0.567	0.202	0.202	2.80	1.00	1.00	11/14/16	KCA	1
Ethanol	83.6	E 0.531	0.531	157	1.00	1.00	11/14/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	11/14/16	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	11/14/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/14/16	KCA	1
Hexane	0.729	S 0.284	0.284	2.57	1.00	1.00	11/14/16	KCA	1
Isopropylalcohol	5.08	0.407	0.407	12.5	1.00	1.00	11/14/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
m,p-Xylene	0.516	0.230	0.230	2.24	1.00	1.00	11/14/16	KCA	1
Methyl Ethyl Ketone	3.29	0.339	0.339	9.7	1.00	1.00	11/14/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
Methylene Chloride	6.06	0.288	0.288	21.0	1.00	1.00	11/14/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	11/14/16	KCA	1
Propylene	2.92	0.581	0.581	5.02	1.00	1.00	11/14/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/14/16	KCA	1
Tetrachloroethene	0.096	0.037	0.037	0.65	0.25	0.25	11/14/16	KCA	1
Tetrahydrofuran	1.04	0.339	0.339	3.07	1.00	1.00	11/14/16	KCA	1
Toluene	0.958	0.266	0.266	3.61	1.00	1.00	11/14/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/14/16	KCA	1
Trichloroethene	0.056	0.047	0.047	0.30	0.25	0.25	11/14/16	KCA	1
Trichlorofluoromethane	ND	0.178	0.178	ND	1.00	1.00	11/14/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/14/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/14/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	110	%	%	110	%	%	11/14/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

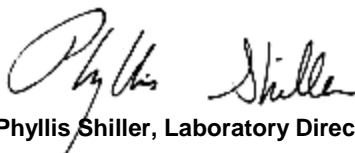
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.
This sample was sampled using a Tedlar airbag.

S - Laboratory solvent, contamination is possible.

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



Phyllis Shiller, Laboratory Director

November 16, 2016

Reviewed and Released by: Ethan Lee, Project Manager

Wednesday, November 16, 2016

Criteria: NY: 375RRS

State: NY

Sample Criteria Exceedances Report

GBV81855 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

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

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

Cooler: Yes No
 IPK ICE
 Temp 4°C Pg of

Contact Options:
 Fax: 631-504-6000
 Phone: 631-504-6000
 Email:

Customer: Environmental Business Consultants
 Address: 1808 Middle Country Road
 Ridge, NY 11961

Project: 39-46 88th Street, LLC NY
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants

Project P.O.:
This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [Signature] Date: 11/16/16

Matrix Code: GW=Ground Water SW=Surface Water WW=Waste Water
 RW=Raw Water SE=Settiment SL=Sludge S=Soil SD=Solid W=Wipe
 OL=Oil B=Bulk L=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
81855	Before Carbon	Air	11/16/16	
81856	After Carbon	Air	11/16/16	

TELLER BAGS

Soil VOA Vial [Method [H₂O]]
 40 mL VOA Vial [Method [H₂O]]
 GL Soil Container [HCl]
 GL VOA Vial [HCl]
 GL Amber 1000mL [Jar [HCl]]
 PL ACS [250mL] [Jar [HCl]]
 PL HSCA [250mL] [Jar [HSCA]]
 PL ACS [250mL] [Jar [HSCA]]
 PL ACS [250mL] [Jar [HSCA]]
 Bateria Bottle

Relinquished by: [Signature]
 Accepted by: [Signature]
 Date: 11-11-16 12:22
11-11-16 18:03

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

Data Format
 Phoenix Std Report
 Excel
 PDF
 GIS/Key
 EQUIS
 NJ Haz Site EDD
 NY EZ EDD (ASP)
 Other

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

State where samples were collected: NY



MONTHLY REPORT FOR DECEMBER 2016

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: December 1, 2016 to December 31, 2016
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN DECEMBER

- 1) Weekly sampling conducted on 12/8; DSR is attached
- 2) Monthly indoor air sampling was conducted on 12/21
- 3) Biweekly real time SVE sampling was conducted on 12/21; DSR is attached

MATERIALS TRANSPORTED OFFSITE IN MONTH OF DECEMBER

none

MATERIALS TRANSPORTED ONSITE IN MONTH OF DECEMBER

none

SAMPLING RESULTS

- 1) Monthly indoor air sampling indicated TCE ranged from 0.44 ug/m3 to 0.76 ug/m3 during this round of indoor air sampling. Laboratory results for these samples is attached.

PLAN FOR MONTH OF JANUARY 2017

- 1) biweekly sampling will be continued
- 2) As of 1/10 DEC and DOH are no longer requiring monthly indoor air samples, However, once a year, during the heating season, indoor air samples are required.

SCHEDULE DELAYS

N/A



DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: December 8th 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(1) Environmental Scientists Thomas Gallo Brett Roberts	(1) MiniRae ppb PID, (1) Manometer, (1) Hammer Drill

DESCRIPTION OF DAILY ACTIVITY

Weekly SVE inspection

Installation of 5 permanent subslab vapor points, vacuum readings taken from points.

WEATHER	WIND & DIRECTION	WSW @ 7 MPH	AM	TEMP	41	AM	SKY	Cloudy	AM
		WSW @ 8 MPH	PM		43	PM		Prt Cldy	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)		MAX UP WIND		MIN UP WIND
		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

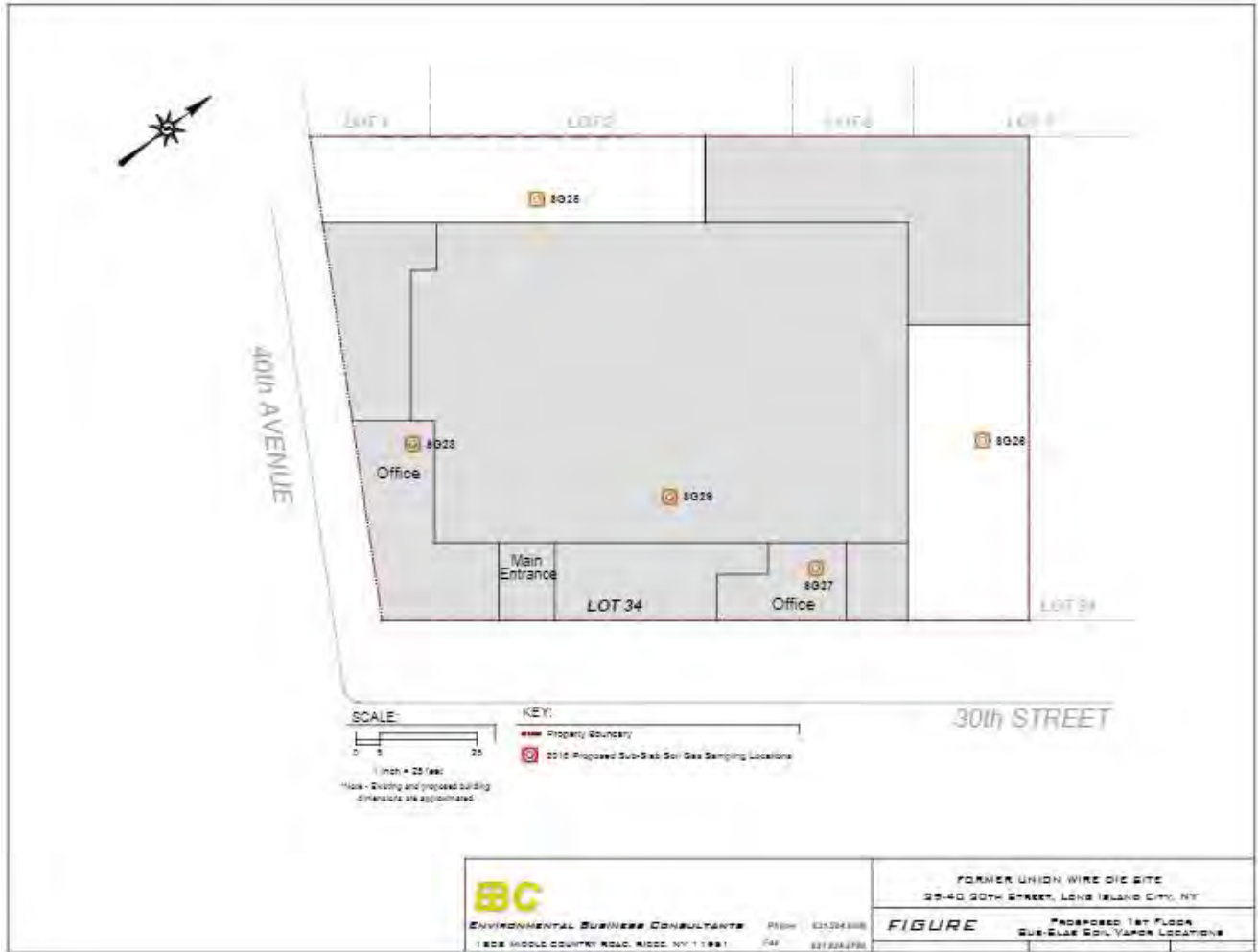
None

SAMPLES COLLECTED

None

PLAN FOR NEXT DAY

None



Former Union Wire Dye Corp

SOIL VAPOR EXTRACTION SYSTEM INSPECTION FORM

Date: 12-8-2016

Time: 9:00am

Weather: 41 / Cldy/ WSW @ 7

Inspector: Thomas Gallo

Extraction Point	Vacuum (iwc)	PID Reading (ppb from Tedlar Bag)	PID Reading (ppb) from pipe
VE-1	-14.75	1257	552
VE-2	-14.86	817	656
VE-3	-14.37	662	464
VE-4	-15.85	323	425
Blower inlet	- 27.5		

Inspection:	Yes / No	Comments
Blower Operating?	Yes	
Spare Carbon Drums?	yes	<u>2 additional TIGG carbon drums were noted in the warehouse area for change when it is needed</u>
System Integrity?	<u>Good</u>	

WEEKLY CARBON MONITORING

Carbon filter installation date: 10/26/2016

<u>Date/Time</u>	<u>Location</u>	<u>PID reading (ppb) from Tedlar bag</u>	<u>PID units(ppb) from pipe</u>
<u>11:00</u>	Pre-Carbon	<u>609</u>	<u>986</u>
<u>11:15</u>	Post -Carbon	<u>0</u>	<u>0</u>

Comments/Actions taken:

Radius of Influence

Location	Observed Vacuum (iwc)	Comments
SG25	-0.0	
SG26	-0.0	Initial reading of -0.16 not sustained
SG27	-0.56	
SG28	-0.0	
SG29	-0.62	

Photo Log









DAILY ACTIVITY REPORT

Former Union Wire Dye Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: December 21st 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(2) Environmental Scientists Thomas Gallo Patrick Recio	(8) 6L, 8hr SUMMA canisters, (1) Manometer, (6) Tedlar Bags

DESCRIPTION OF DAILY ACTIVITY

Indoor air sampling
SVE inspection, SVE Vacuum readings

WEATHER	WIND & DIRECTION	W @ 3 MPH	AM	TEMP	32	AM	SKY	Sunny	AM
		W @ 4 MPH	PM		37	PM		Sunny	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)		MAX UP WIND		MIN UP WIND
		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

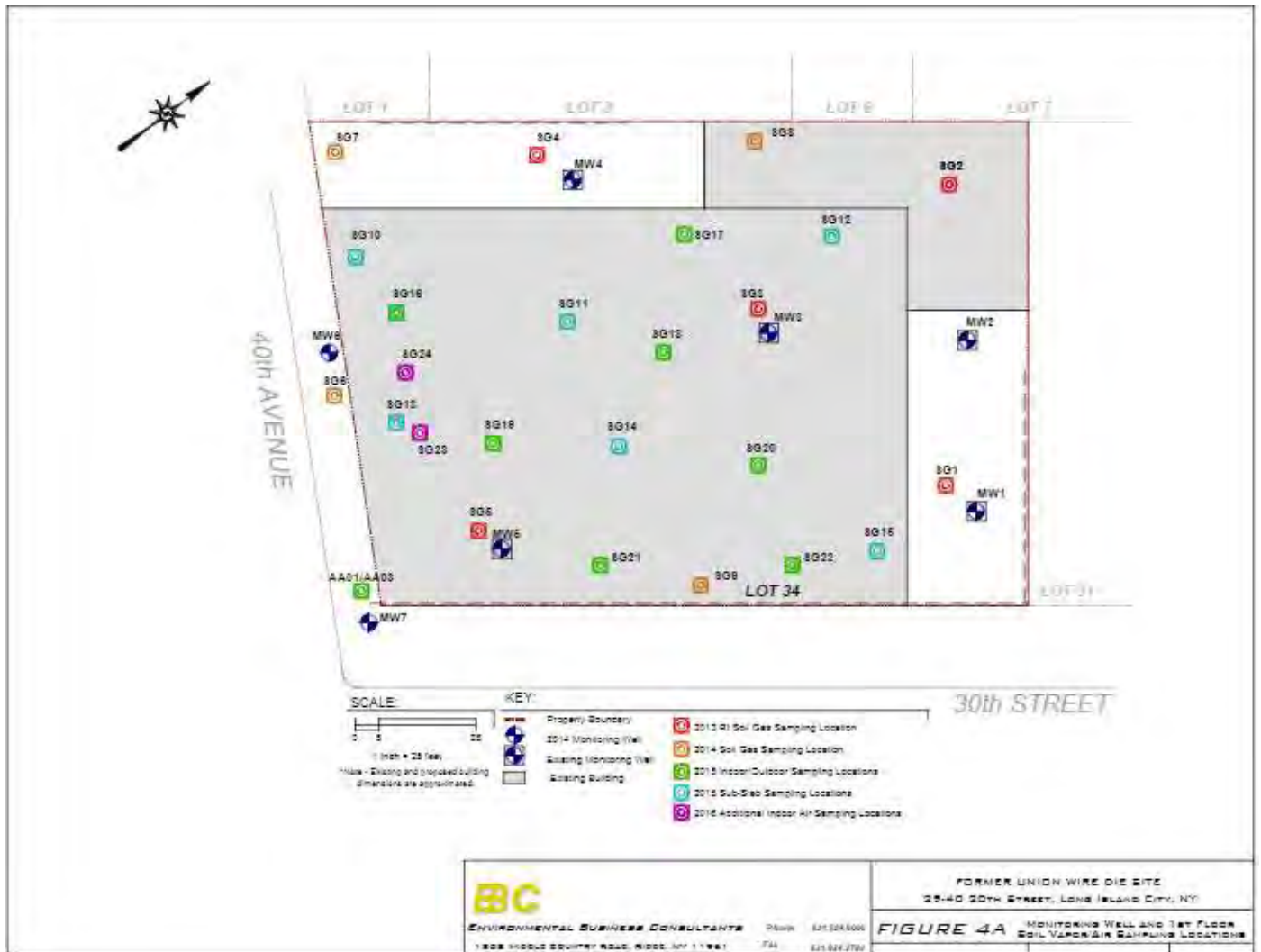
None

SAMPLES COLLECTED

Indoor Air Second Floor 03, Indoor Air Second Floor 04, SG16, SG17, SG22, SG23, SG24, Elevator Pit

PLAN FOR NEXT DAY

NA



ENVIRONMENTAL BUSINESS CONSULTANTS
 1808 HOOVER SQUARE ROAD, HICKS, NY 11761

Phone: 631.224.5500
 Fax: 631.224.2700

Former Union Wire Dye Corp
SOIL VAPOR EXTRACTION SYSTEM INSPECTION FORM

Date: 12-21-16

Time: 9:00am

Weather: Sunny/32/ W @ 3

Inspector: Patrick Recio,
 Thomas Gallo

Extraction Point	Vacuum (iwc)	PID Reading(ppb) from Tedlar Bag	PID Reading (ppb) from pipe
VE-1	-14.58	509	-
VE-2	-14.67	309	-
VE-3	-14.40	820	-
VE-4	-15.66	427	-
Blower inlet	-31		

Inspection:	Yes / No	Comments
Blower Operating?	Yes	
Spare Carbon Drums?	yes	<u>2 additional TIGG carbon drums were noted in the warehouse area for change when it is needed</u>
System Integrity?	<u>Good</u>	<u>installation of breakthrough meter conducted 11/23/2026</u>

WEEKLY CARBON MONITORING

Carbon filter installation date: 11/23/2016

<u>Date/Time</u>	<u>Location</u>	<u>PID reading (ppb) from Tedlar bag</u>	<u>PID units(ppb) from pipe</u>
<u>9:45</u>	Pre-Carbon	<u>726</u>	<u>980</u>
<u>9:55</u>	Post -Carbon	<u>0</u>	<u>42</u>

Comments/Actions taken:

Radius of Influence

Location	Observed Vacuum (iwc)	Comments
SG28	-0.17	
SG25	0.00	
SG26	0.00	

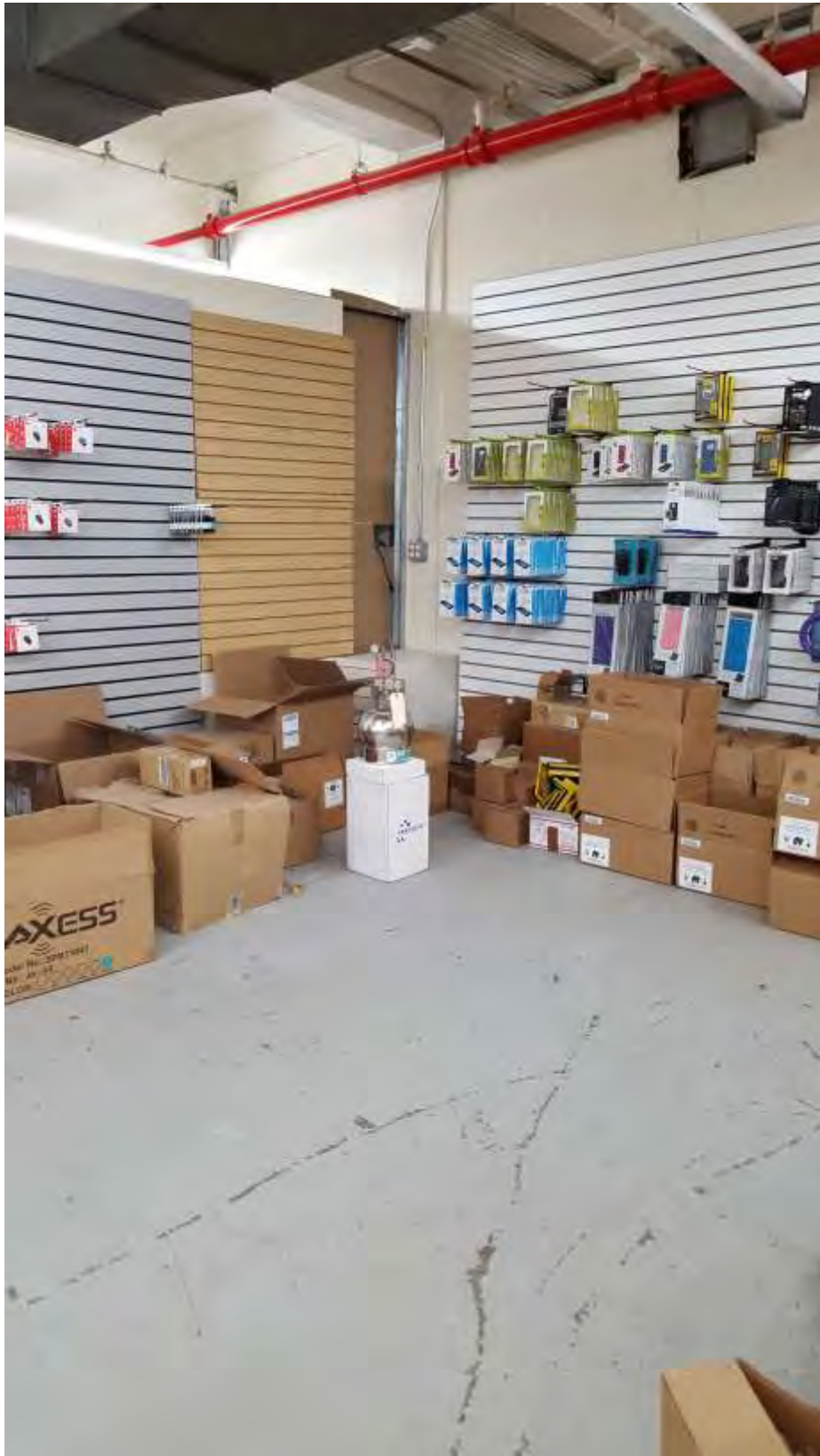
Permanent Subslab Vapor Point Figure



 ENVIRONMENTAL BUSINESS CONSULTANTS 1808 MIDDLE COUNTRY ROAD, MIDDLETOWN, NY 11761	Phone: 845.364.8888 Fax: 845.364.2768
	FORMER UNION WIRE DIE SITE 25-40 20th STREET, LONG ISLAND CITY, NY

FIGURE PROPOSED 1st FLOOR SUB-SLAB SOIL VAPOR LOCATIONS	
--	--

Photo Log











Thursday, December 29, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST QUEENS NY
Sample ID#s: BX11093 - BX11100

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.

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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



SDG Comments

December 29, 2016

SDG I.D.: GBX11093

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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

Analysis Report
 December 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 18851

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 12/21/16 17:41
 12/22/16 17:38

Laboratory Data

SDG ID: GBX11093
 Phoenix ID: BX11093

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/22/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/22/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/22/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/22/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/22/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/22/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/22/16	KCA	1	
1,2,4-Trimethylbenzene	0.441	0.204	0.204	2.17	1.00	1.00	12/22/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/22/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/22/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/22/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/22/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/22/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/22/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/22/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/22/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/22/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/22/16	KCA	1	
2-Hexanone(MBK)	0.570	0.244	0.244	2.33	1.00	1.00	12/22/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/22/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/22/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/22/16	KCA	1	
Acetone	9.74	0.421	0.421	23.1	1.00	1.00	12/22/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/22/16	KCA	1	
Benzene	0.899	0.313	0.313	2.87	1.00	1.00	12/22/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/22/16	KCA	1	

Client ID: SG16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/22/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/22/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/22/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/22/16	KCA	1
Carbon Tetrachloride	0.065	0.040	0.040	0.41	0.25	0.25	12/22/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/22/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/22/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/22/16	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/22/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/22/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/22/16	KCA	1
Cyclohexane	0.756	0.291	0.291	2.60	1.00	1.00	12/22/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/22/16	KCA	1
Dichlorodifluoromethane	0.448	0.202	0.202	2.21	1.00	1.00	12/22/16	KCA	1
Ethanol	34.7	0.531	0.531	65.3	1.00	1.00	12/22/16	KCA	1
Ethyl acetate	0.549	0.278	0.278	1.98	1.00	1.00	12/22/16	KCA	1
Ethylbenzene	0.550	0.230	0.230	2.39	1.00	1.00	12/22/16	KCA	1
Heptane	0.939	0.244	0.244	3.85	1.00	1.00	12/22/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/22/16	KCA	1
Hexane	1.57	S 0.284	0.284	5.53	1.00	1.00	12/22/16	KCA	1
Isopropylalcohol	4.96	0.407	0.407	12.2	1.00	1.00	12/22/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/22/16	KCA	1
m,p-Xylene	1.91	0.230	0.230	8.29	1.00	1.00	12/22/16	KCA	1
Methyl Ethyl Ketone	6.92	0.339	0.339	20.4	1.00	1.00	12/22/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/22/16	KCA	1
Methylene Chloride	0.469	S 0.288	0.288	1.63	1.00	1.00	12/22/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/22/16	KCA	1
o-Xylene	0.683	0.230	0.230	2.96	1.00	1.00	12/22/16	KCA	1
Propylene	17.3	0.581	0.581	29.8	1.00	1.00	12/22/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/22/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/22/16	KCA	1
Tetrachloroethene	0.643	0.037	0.037	4.36	0.25	0.25	12/22/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/22/16	KCA	1
Toluene	4.16	0.266	0.266	15.7	1.00	1.00	12/22/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/22/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/22/16	KCA	1
Trichloroethene	0.101	0.047	0.047	0.54	0.25	0.25	12/22/16	KCA	1
Trichlorofluoromethane	0.250	0.178	0.178	1.40	1.00	1.00	12/22/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/22/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/22/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	12/22/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

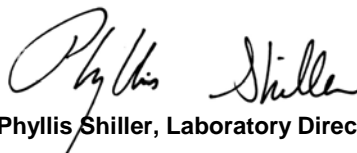
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

December 29, 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

Analysis Report
 December 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 492

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 12/21/16 17:18
 12/22/16 17:38

Laboratory Data

SDG ID: GBX11093
 Phoenix ID: BX11094

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG23

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/22/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/22/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/22/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/22/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/22/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/22/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/22/16	KCA	1
1,2,4-Trimethylbenzene	0.429	0.204	0.204	2.11	1.00	1.00	12/22/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/22/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/22/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/22/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/22/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/22/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/22/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/22/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/22/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/22/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/22/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/22/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/22/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/22/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/22/16	KCA	1
Acetone	9.39	0.421	0.421	22.3	1.00	1.00	12/22/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/22/16	KCA	1
Benzene	0.824	0.313	0.313	2.63	1.00	1.00	12/22/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/22/16	KCA	1

Client ID: SG23

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/22/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/22/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/22/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/22/16	KCA	1
Carbon Tetrachloride	0.060	0.040	0.040	0.38	0.25	0.25	12/22/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/22/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/22/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/22/16	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/22/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/22/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/22/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/22/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/22/16	KCA	1
Dichlorodifluoromethane	0.439	0.202	0.202	2.17	1.00	1.00	12/22/16	KCA	1
Ethanol	32.6	0.531	0.531	61.4	1.00	1.00	12/22/16	KCA	1
Ethyl acetate	0.823	0.278	0.278	2.96	1.00	1.00	12/22/16	KCA	1
Ethylbenzene	0.496	0.230	0.230	2.15	1.00	1.00	12/22/16	KCA	1
Heptane	0.618	0.244	0.244	2.53	1.00	1.00	12/22/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/22/16	KCA	1
Hexane	1.32	S 0.284	0.284	4.65	1.00	1.00	12/22/16	KCA	1
Isopropylalcohol	6.87	0.407	0.407	16.9	1.00	1.00	12/22/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/22/16	KCA	1
m,p-Xylene	2.01	0.230	0.230	8.72	1.00	1.00	12/22/16	KCA	1
Methyl Ethyl Ketone	1.40	0.339	0.339	4.13	1.00	1.00	12/22/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/22/16	KCA	1
Methylene Chloride	0.603	S 0.288	0.288	2.09	1.00	1.00	12/22/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/22/16	KCA	1
o-Xylene	0.606	0.230	0.230	2.63	1.00	1.00	12/22/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/22/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/22/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/22/16	KCA	1
Tetrachloroethene	0.559	0.037	0.037	3.79	0.25	0.25	12/22/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/22/16	KCA	1
Toluene	3.79	0.266	0.266	14.3	1.00	1.00	12/22/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/22/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/22/16	KCA	1
Trichloroethene	0.113	0.047	0.047	0.61	0.25	0.25	12/22/16	KCA	1
Trichlorofluoromethane	0.231	0.178	0.178	1.30	1.00	1.00	12/22/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/22/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/22/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	12/22/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

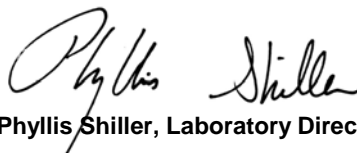
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

December 29, 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

Analysis Report
 December 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 369

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 12/21/16 17:16
 12/22/16 17:38

Laboratory Data

SDG ID: GBX11093
 Phoenix ID: BX11095

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/27/16	KCA	1	
1,2,4-Trimethylbenzene	0.423	0.204	0.204	2.08	1.00	1.00	12/27/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/27/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/27/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/27/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/27/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/27/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/16	KCA	1	
Acetone	13.5	0.421	0.421	32.0	1.00	1.00	12/27/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/27/16	KCA	1	
Benzene	0.928	0.313	0.313	2.96	1.00	1.00	12/27/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/27/16	KCA	1	

Client ID: SG22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/27/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/27/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/27/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/27/16	KCA	1
Carbon Tetrachloride	0.073	0.040	0.040	0.46	0.25	0.25	12/27/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/27/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/27/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/27/16	KCA	1
Chloromethane	0.562	0.485	0.485	1.16	1.00	1.00	12/27/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/16	KCA	1
Cyclohexane	0.625	0.291	0.291	2.15	1.00	1.00	12/27/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/27/16	KCA	1
Dichlorodifluoromethane	0.435	0.202	0.202	2.15	1.00	1.00	12/27/16	KCA	1
Ethanol	61.1	E 0.531	0.531	115	1.00	1.00	12/27/16	KCA	1
Ethyl acetate	0.668	0.278	0.278	2.41	1.00	1.00	12/27/16	KCA	1
Ethylbenzene	0.821	0.230	0.230	3.56	1.00	1.00	12/27/16	KCA	1
Heptane	0.797	0.244	0.244	3.26	1.00	1.00	12/27/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/27/16	KCA	1
Hexane	1.46	S 0.284	0.284	5.14	1.00	1.00	12/27/16	KCA	1
Isopropylalcohol	12.3	0.407	0.407	30.2	1.00	1.00	12/27/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1
m,p-Xylene	2.95	0.230	0.230	12.8	1.00	1.00	12/27/16	KCA	1
Methyl Ethyl Ketone	1.68	0.339	0.339	4.95	1.00	1.00	12/27/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/27/16	KCA	1
Methylene Chloride	0.604	S 0.288	0.288	2.10	1.00	1.00	12/27/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
o-Xylene	0.904	0.230	0.230	3.92	1.00	1.00	12/27/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/27/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/27/16	KCA	1
Tetrachloroethene	0.550	0.037	0.037	3.73	0.25	0.25	12/27/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/27/16	KCA	1
Toluene	4.18	0.266	0.266	15.7	1.00	1.00	12/27/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/16	KCA	1
Trichloroethene	0.132	0.047	0.047	0.71	0.25	0.25	12/27/16	KCA	1
Trichlorofluoromethane	0.286	0.178	0.178	1.61	1.00	1.00	12/27/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/27/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/27/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	12/27/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

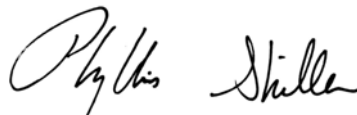
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

December 29, 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

Analysis Report
 December 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 355

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 12/21/16 17:21
 12/22/16 17:38

Laboratory Data

SDG ID: GBX11093
 Phoenix ID: BX11096

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG24

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/27/16	KCA	1
1,2,4-Trimethylbenzene	0.418	0.204	0.204	2.05	1.00	1.00	12/27/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/27/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/27/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/27/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/27/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/27/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/16	KCA	1
Acetone	13.8	0.421	0.421	32.8	1.00	1.00	12/27/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/27/16	KCA	1
Benzene	0.895	0.313	0.313	2.86	1.00	1.00	12/27/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/27/16	KCA	1

Client ID: SG24

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/27/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/27/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/27/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/27/16	KCA	1
Carbon Tetrachloride	0.079	0.040	0.040	0.50	0.25	0.25	12/27/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/27/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/27/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/27/16	KCA	1
Chloromethane	0.519	0.485	0.485	1.07	1.00	1.00	12/27/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/16	KCA	1
Cyclohexane	0.608	0.291	0.291	2.09	1.00	1.00	12/27/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/27/16	KCA	1
Dichlorodifluoromethane	0.490	0.202	0.202	2.42	1.00	1.00	12/27/16	KCA	1
Ethanol	49.7	E 0.531	0.531	93.6	1.00	1.00	12/27/16	KCA	1
Ethyl acetate	0.753	0.278	0.278	2.71	1.00	1.00	12/27/16	KCA	1
Ethylbenzene	0.522	0.230	0.230	2.27	1.00	1.00	12/27/16	KCA	1
Heptane	0.732	0.244	0.244	3.00	1.00	1.00	12/27/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/27/16	KCA	1
Hexane	1.38	S 0.284	0.284	4.86	1.00	1.00	12/27/16	KCA	1
Isopropylalcohol	9.30	0.407	0.407	22.8	1.00	1.00	12/27/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1
m,p-Xylene	1.80	0.230	0.230	7.81	1.00	1.00	12/27/16	KCA	1
Methyl Ethyl Ketone	1.64	0.339	0.339	4.83	1.00	1.00	12/27/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/27/16	KCA	1
Methylene Chloride	0.640	S 0.288	0.288	2.22	1.00	1.00	12/27/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
o-Xylene	0.595	0.230	0.230	2.58	1.00	1.00	12/27/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/27/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
Styrene	0.253	0.235	0.235	1.08	1.00	1.00	12/27/16	KCA	1
Tetrachloroethene	0.544	0.037	0.037	3.69	0.25	0.25	12/27/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/27/16	KCA	1
Toluene	3.51	0.266	0.266	13.2	1.00	1.00	12/27/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/16	KCA	1
Trichloroethene	0.141	0.047	0.047	0.76	0.25	0.25	12/27/16	KCA	1
Trichlorofluoromethane	0.287	0.178	0.178	1.61	1.00	1.00	12/27/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/27/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/27/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	12/27/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

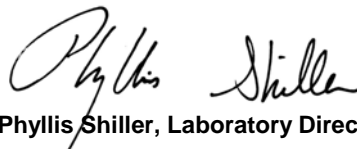
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

December 29, 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

Analysis Report
 December 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 19635

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 12/21/16 17:34
 12/22/16 17:38

Laboratory Data

SDG ID: GBX11093
 Phoenix ID: BX11097

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLOOR 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/27/16	KCA	1	
1,2,4-Trimethylbenzene	0.378	0.204	0.204	1.86	1.00	1.00	12/27/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/27/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/27/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/27/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/27/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/27/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/16	KCA	1	
Acetone	15.7	0.421	0.421	37.3	1.00	1.00	12/27/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/27/16	KCA	1	
Benzene	0.860	0.313	0.313	2.75	1.00	1.00	12/27/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/27/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/27/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/27/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/27/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/27/16	KCA	1
Carbon Tetrachloride	0.084	0.040	0.040	0.53	0.25	0.25	12/27/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/27/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/27/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/27/16	KCA	1
Chloromethane	0.640	0.485	0.485	1.32	1.00	1.00	12/27/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/16	KCA	1
Cyclohexane	0.542	0.291	0.291	1.86	1.00	1.00	12/27/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/27/16	KCA	1
Dichlorodifluoromethane	0.452	0.202	0.202	2.23	1.00	1.00	12/27/16	KCA	1
Ethanol	171	E 0.531	0.531	322	1.00	1.00	12/27/16	KCA	1
Ethyl acetate	0.669	0.278	0.278	2.41	1.00	1.00	12/27/16	KCA	1
Ethylbenzene	0.466	0.230	0.230	2.02	1.00	1.00	12/27/16	KCA	1
Heptane	0.776	0.244	0.244	3.18	1.00	1.00	12/27/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/27/16	KCA	1
Hexane	1.19	S 0.284	0.284	4.19	1.00	1.00	12/27/16	KCA	1
Isopropylalcohol	9.51	0.407	0.407	23.4	1.00	1.00	12/27/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1
m,p-Xylene	1.57	0.230	0.230	6.81	1.00	1.00	12/27/16	KCA	1
Methyl Ethyl Ketone	1.48	0.339	0.339	4.36	1.00	1.00	12/27/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/27/16	KCA	1
Methylene Chloride	0.538	S 0.288	0.288	1.87	1.00	1.00	12/27/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
o-Xylene	0.506	0.230	0.230	2.20	1.00	1.00	12/27/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/27/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/27/16	KCA	1
Tetrachloroethene	0.492	0.037	0.037	3.33	0.25	0.25	12/27/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/27/16	KCA	1
Toluene	3.41	0.266	0.266	12.8	1.00	1.00	12/27/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/16	KCA	1
Trichloroethene	0.131	0.047	0.047	0.70	0.25	0.25	12/27/16	KCA	1
Trichlorofluoromethane	0.311	0.178	0.178	1.75	1.00	1.00	12/27/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/27/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/27/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	12/27/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

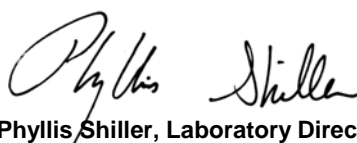
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

December 29, 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

Analysis Report
 December 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 479

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 12/21/16 17:32
 12/22/16 17:38

Laboratory Data

SDG ID: GBX11093
 Phoenix ID: BX11098

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLOOR 04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/27/16	KCA	1
1,2,4-Trimethylbenzene	0.415	0.204	0.204	2.04	1.00	1.00	12/27/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/27/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/27/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/27/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/27/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/27/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/16	KCA	1
Acetone	14.5	0.421	0.421	34.4	1.00	1.00	12/27/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/27/16	KCA	1
Benzene	0.868	0.313	0.313	2.77	1.00	1.00	12/27/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/27/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/27/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/27/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/27/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/27/16	KCA	1
Carbon Tetrachloride	0.072	0.040	0.040	0.45	0.25	0.25	12/27/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/27/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/27/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/27/16	KCA	1
Chloromethane	0.517	0.485	0.485	1.07	1.00	1.00	12/27/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/16	KCA	1
Cyclohexane	0.617	0.291	0.291	2.12	1.00	1.00	12/27/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/27/16	KCA	1
Dichlorodifluoromethane	0.418	0.202	0.202	2.07	1.00	1.00	12/27/16	KCA	1
Ethanol	177	E 0.531	0.531	333	1.00	1.00	12/27/16	KCA	1
Ethyl acetate	0.699	0.278	0.278	2.52	1.00	1.00	12/27/16	KCA	1
Ethylbenzene	0.515	0.230	0.230	2.23	1.00	1.00	12/27/16	KCA	1
Heptane	0.847	0.244	0.244	3.47	1.00	1.00	12/27/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/27/16	KCA	1
Hexane	1.40	S 0.284	0.284	4.93	1.00	1.00	12/27/16	KCA	1
Isopropylalcohol	7.66	0.407	0.407	18.8	1.00	1.00	12/27/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1
m,p-Xylene	1.77	0.230	0.230	7.68	1.00	1.00	12/27/16	KCA	1
Methyl Ethyl Ketone	1.51	0.339	0.339	4.45	1.00	1.00	12/27/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/27/16	KCA	1
Methylene Chloride	0.499	S 0.288	0.288	1.73	1.00	1.00	12/27/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
o-Xylene	0.573	0.230	0.230	2.49	1.00	1.00	12/27/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/27/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/27/16	KCA	1
Tetrachloroethene	0.473	0.037	0.037	3.21	0.25	0.25	12/27/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/27/16	KCA	1
Toluene	3.48	0.266	0.266	13.1	1.00	1.00	12/27/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/16	KCA	1
Trichloroethene	0.108	0.047	0.047	0.58	0.25	0.25	12/27/16	KCA	1
Trichlorofluoromethane	0.281	0.178	0.178	1.58	1.00	1.00	12/27/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/27/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/27/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	12/27/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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:

E = Estimated value quantitated above calibration range for this compound.

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

December 29, 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

Analysis Report
 December 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 491

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 12/21/16 17:38
 12/22/16 17:38

Laboratory Data

SDG ID: GBX11093
 Phoenix ID: BX11099

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: ELEVATOR PIT

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/28/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/28/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/28/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/28/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/28/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/28/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/28/16	KCA	1
1,2,4-Trimethylbenzene	0.216	0.204	0.204	1.06	1.00	1.00	12/28/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/28/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/28/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/28/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/28/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/28/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/28/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/28/16	KCA	1
1,3-Dichlorobenzene	0.242	0.166	0.166	1.45	1.00	1.00	12/28/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/28/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/28/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/28/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/28/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/28/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/28/16	KCA	1
Acetone	11.5	0.421	0.421	27.3	1.00	1.00	12/28/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/28/16	KCA	1
Benzene	0.807	0.313	0.313	2.58	1.00	1.00	12/28/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/28/16	KCA	1

Client ID: ELEVATOR PIT

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/28/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/28/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/28/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/28/16	KCA	1
Carbon Tetrachloride	0.063	0.040	0.040	0.40	0.25	0.25	12/28/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/28/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/28/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/28/16	KCA	1
Chloromethane	0.596	0.485	0.485	1.23	1.00	1.00	12/28/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/28/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/28/16	KCA	1
Cyclohexane	0.578	0.291	0.291	1.99	1.00	1.00	12/28/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/28/16	KCA	1
Dichlorodifluoromethane	0.454	0.202	0.202	2.24	1.00	1.00	12/28/16	KCA	1
Ethanol	85.4	E 0.531	0.531	161	1.00	1.00	12/28/16	KCA	1
Ethyl acetate	0.407	0.278	0.278	1.47	1.00	1.00	12/28/16	KCA	1
Ethylbenzene	0.330	0.230	0.230	1.43	1.00	1.00	12/28/16	KCA	1
Heptane	0.837	0.244	0.244	3.43	1.00	1.00	12/28/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/28/16	KCA	1
Hexane	1.32	S 0.284	0.284	4.65	1.00	1.00	12/28/16	KCA	1
Isopropylalcohol	4.33	0.407	0.407	10.6	1.00	1.00	12/28/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/28/16	KCA	1
m,p-Xylene	1.14	0.230	0.230	4.95	1.00	1.00	12/28/16	KCA	1
Methyl Ethyl Ketone	2.42	0.339	0.339	7.13	1.00	1.00	12/28/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/28/16	KCA	1
Methylene Chloride	1.04	S 0.288	0.288	3.61	1.00	1.00	12/28/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/28/16	KCA	1
o-Xylene	0.350	0.230	0.230	1.52	1.00	1.00	12/28/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/28/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/28/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/28/16	KCA	1
Tetrachloroethene	0.247	0.037	0.037	1.67	0.25	0.25	12/28/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/28/16	KCA	1
Toluene	2.59	0.266	0.266	9.8	1.00	1.00	12/28/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/28/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/28/16	KCA	1
Trichloroethene	0.081	0.047	0.047	0.44	0.25	0.25	12/28/16	KCA	1
Trichlorofluoromethane	0.269	0.178	0.178	1.51	1.00	1.00	12/28/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/28/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/28/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	12/28/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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:

E = Estimated value quantitated above calibration range for this compound.

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

December 29, 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

Analysis Report
 December 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 21345

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 12/21/16 17:10
 12/22/16 17:38

Laboratory Data

SDG ID: GBX11093
 Phoenix ID: BX11100

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/24/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/24/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/24/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/24/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/24/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/24/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/24/16	KCA	1	
1,2,4-Trimethylbenzene	0.485	0.204	0.204	2.38	1.00	1.00	12/24/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/24/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/24/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/24/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/24/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/24/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/24/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/24/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/24/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/24/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/24/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/24/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/24/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/24/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/24/16	KCA	1	
Acetone	11.5	0.421	0.421	27.3	1.00	1.00	12/24/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/24/16	KCA	1	
Benzene	0.838	0.313	0.313	2.68	1.00	1.00	12/24/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/24/16	KCA	1	

Client ID: SG17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/24/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/24/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/24/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/24/16	KCA	1
Carbon Tetrachloride	0.077	0.040	0.040	0.48	0.25	0.25	12/24/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/24/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/24/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/24/16	KCA	1
Chloromethane	0.508	0.485	0.485	1.05	1.00	1.00	12/24/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/24/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/24/16	KCA	1
Cyclohexane	0.531	0.291	0.291	1.83	1.00	1.00	12/24/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/24/16	KCA	1
Dichlorodifluoromethane	0.454	0.202	0.202	2.24	1.00	1.00	12/24/16	KCA	1
Ethanol	32.0	0.531	0.531	60.3	1.00	1.00	12/24/16	KCA	1
Ethyl acetate	0.529	0.278	0.278	1.91	1.00	1.00	12/24/16	KCA	1
Ethylbenzene	0.549	0.230	0.230	2.38	1.00	1.00	12/24/16	KCA	1
Heptane	0.725	0.244	0.244	2.97	1.00	1.00	12/24/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/24/16	KCA	1
Hexane	1.70	S 0.284	0.284	5.99	1.00	1.00	12/24/16	KCA	1
Isopropylalcohol	5.14	0.407	0.407	12.6	1.00	1.00	12/24/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/24/16	KCA	1
m,p-Xylene	2.01	0.230	0.230	8.72	1.00	1.00	12/24/16	KCA	1
Methyl Ethyl Ketone	1.53	0.339	0.339	4.51	1.00	1.00	12/24/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/24/16	KCA	1
Methylene Chloride	0.889	S 0.288	0.288	3.09	1.00	1.00	12/24/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/24/16	KCA	1
o-Xylene	0.664	0.230	0.230	2.88	1.00	1.00	12/24/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/24/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/24/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/24/16	KCA	1
Tetrachloroethene	0.475	0.037	0.037	3.22	0.25	0.25	12/24/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/24/16	KCA	1
Toluene	3.41	0.266	0.266	12.8	1.00	1.00	12/24/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/24/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/24/16	KCA	1
Trichloroethene	0.117	0.047	0.047	0.63	0.25	0.25	12/24/16	KCA	1
Trichlorofluoromethane	0.232	0.178	0.178	1.30	1.00	1.00	12/24/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/24/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/24/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	104	%	%	104	%	%	12/24/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

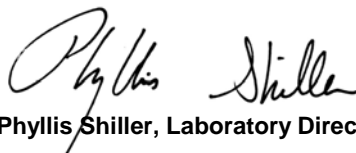
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

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

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 29, 2016

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Thursday, December 29, 2016

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBX11093 - EBC

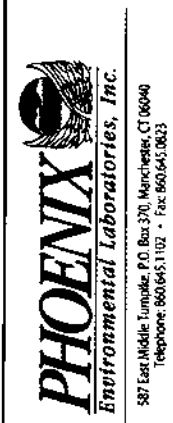
SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

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

CHAIN OF CUSTODY RECORD
AIR ANALYSES
 800-827-5426
 email: greg@phoenixlabs.com

P.O. # _____ Page 1 of 1
 Data Delivery: _____
 Fax #: _____
 Email: File
 Phone #: _____



Report to: Chowinie Peilly
 Customer: EBC
 Address: _____
 Invoice to: EBC
 Project Name: 39-40 30th Street Queens NY
 Requested Deliverable: RCP ASP CAT B
 MCP NJ Deliverables
 State where samples collected: NY
 Sampled by: Thomas Gallo

Phoenix ID #	Client Sample ID	THIS SECTION FOR LAB USE ONLY						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)	ANALYSES	
		Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)										TO-14	TO-15
11093	SG16	12251	6.0	-30	-4	3610	10.8	9:43	17:41	12-21-16	-28	-4	+			X		
11094	SG23	492			-5	3190		9:18	17:18	12-21-16	-30	-7	+			X		
11095	SG22	369			-3	4493		9:19	17:16	12-21-16	-30	-4	X			X		
11096	SG24	355			-6	5651		9:17	17:21	12-21-16	-28	-6	X			X		
11097	Indoor Air Second Floor 03	19635			-4	5350		9:29	17:34	12-21-16	-30	-6	+			+		
11098	Indoor Air Second Floor 04	479			-1	3615		9:33	17:32	12-21-16	-30	-4	+			X		
11099	Elevator Pit	491			-5	5030		9:43	17:38	12-21-16	-30	-6	+			X		
11100	9x6L Plus	21338				4428												
	Did Not Use	21365			-3	5324												
	SG 17							9:17	17:10	12-21-16	-30	-4	X			X		

Relinquished by: Thomas Gallo Date: 12-22-16
 Accepted by: Rupesh Bence Date: 12-22-16
 Data Format: Excel GISKey
 PDF Other:
 ASP B Deliverables, NY EZ ESD

SPECIAL INSTRUCTIONS, OCCURRENCE, REGULATORY INFORMATION:
 Requested Criteria: _____
 Quote Number: _____
 Signature: _____ Date: _____
 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.



MONTHLY REPORT FOR JANUARY 2017

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: January 1, 2017 to January 31, 2017
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN JANUARY

- 1) On 1/10/17 DEC confirmed that monthly indoor air sampling is not required and should be done once a year during the heating season
- 2) Real time SVE sampling was conducted on 1/11; DSR is attached

MATERIALS TRANSPORTED OFFSITE IN MONTH OF JANUARY

none

MATERIALS TRANSPORTED ONSITE IN MONTH OF JANUARY

none

SAMPLING RESULTS

- 1) DSR attached

PLAN FOR MONTH OF FEBRUARY 2017

- 1) continue running system
- 2) system leak test

SCHEDULE DELAYS

N/A



DAILY ACTIVITY REPORT

Former Union Wire Dye Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: January 11, 2017

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(1) Environmental Geologists Thomas Gallo	(1) Manometer, (1) MiniRae ppb PID, (1) peristaltic pump, (6) tedlar bags

DESCRIPTION OF DAILY ACTIVITY

SVE Inspection

WEATHER	WIND & DIRECTION	SW @ 8 MPH	AM	TEMP	44	AM	SKY	Sunny	AM
		SW @ 8 MPH	PM		50	PM		Cloudy	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE		MAX UP WIND		MIN UP WIND
DETECTIONS (ug/m ³)		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

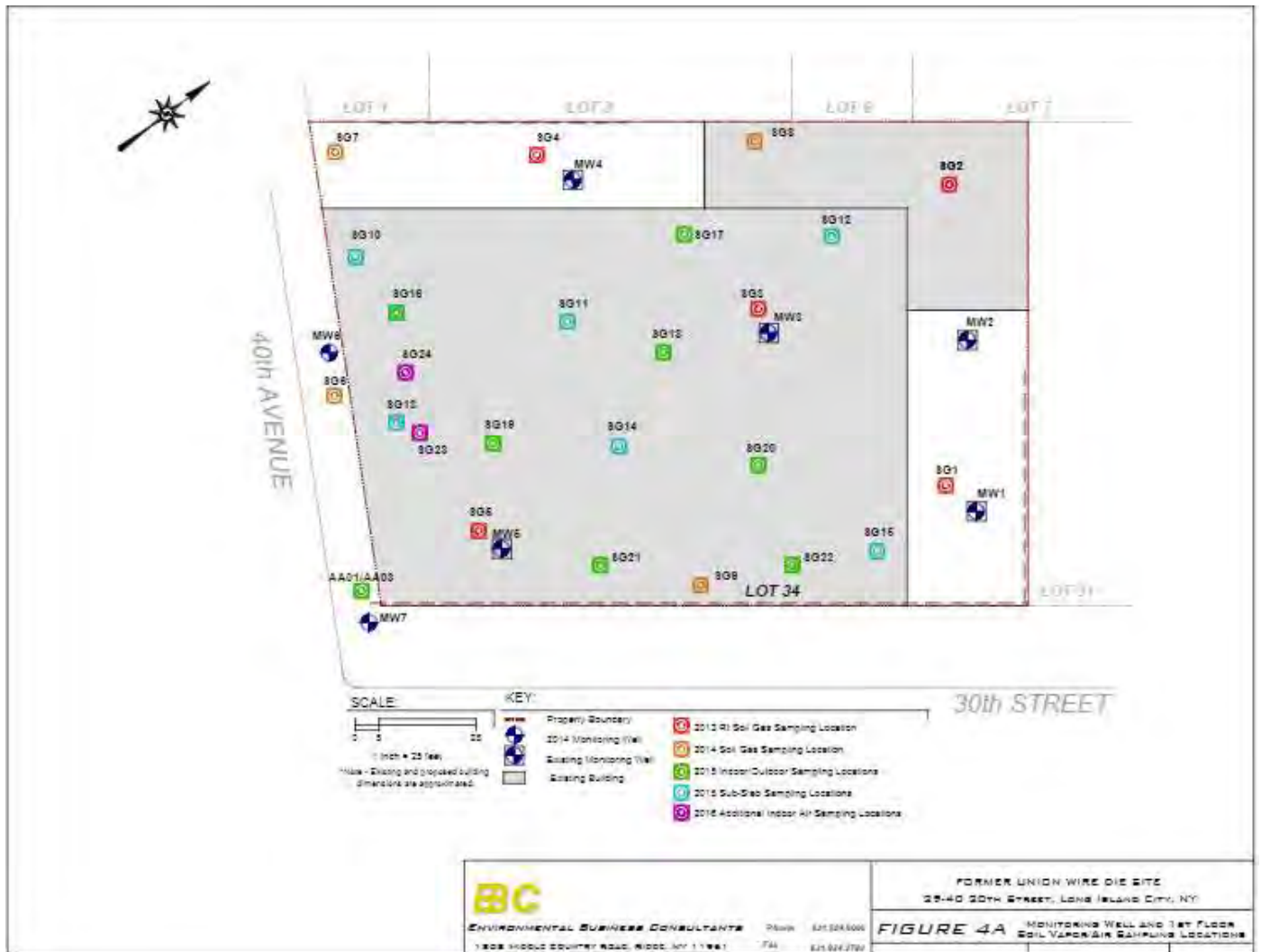
None

SAMPLES COLLECTED

None

PLAN FOR NEXT DAY

NA



BC
 ENVIRONMENTAL BUSINESS CONSULTANTS
 1808 HOOVER SQUARE ROAD, HICKS, NY 11761
 Phone: 631.224.5500
 Fax: 631.224.2700

Former Union Wire Dye Corp
SOIL VAPOR EXTRACTION SYSTEM INSPECTION FORM

Date: 1-11-17

Time: 9:00am

Weather: Sunny/44/ SW @ 8

Inspector: Thomas Gallo

Extraction Point	Vacuum (iwc)	PID Reading(ppb) from Tedlar Bag	PID Reading (ppb) from pipe
VE-1	-15.09	795	-
VE-2	-15.03	1007	-
VE-3	-14.49	1154	-
VE-4	-14.88	1090	-
Blower inlet	-31		

Inspection:	Yes / No	Comments
Blower Operating?	Yes	
Spare Carbon Drums?	yes	<u>2 additional TIGG carbon drums were noted in the warehouse area for change when it is needed</u>
System Integrity?	<u>Good</u>	<u>Post carbon readings = 0 ppb</u>

Photo Log









MONTHLY REPORT FOR FEBRUARY 2017

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: February 1, 2017 to February 28, 2017
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN FEBRUARY

- 1) 2/3 EBC was on site to determine if any leaks were present in the system; DSR is attached
- 2) 2/28 SMP was submitted for review

MATERIALS TRANSPORTED OFFSITE IN MONTH OF FEBRUARY

none

MATERIALS TRANSPORTED ONSITE IN MONTH OF FEBRUARY

none

SAMPLING RESULTS

- 1) None

PLAN FOR MONTH OF MARCH 2017

- 1) continue running system
- 2) Quarterly Sampling

SCHEDULE DELAYS

N/A



DAILY ACTIVITY REPORT

Former Union Wire Dye Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: February 3, 2017

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(1) Environmental Geologists Thomas Gallo	PVC Sealant

DESCRIPTION OF DAILY ACTIVITY

Performed smoke test to determine if leaks are present in SVE system piping
Sealed all leaks with PVC sealant

WEATHER	WIND & DIRECTION	W @ 6 MPH	AM	TEMP	27	AM	SKY	Prt Cldy	AM
		WNW @ 9 MPH	PM		33	PM		Prt Cldy	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)		MAX UP WIND		MIN UP WIND
		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

None

SAMPLES COLLECTED

None

PLAN FOR NEXT DAY

NA

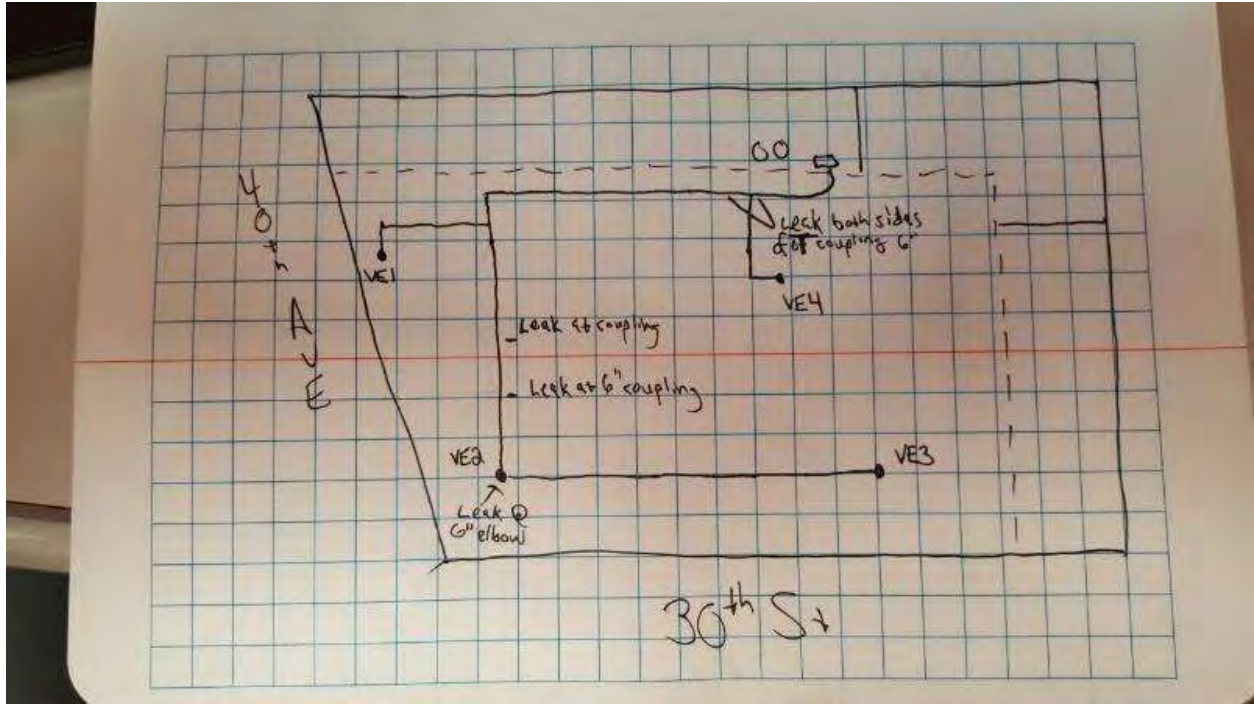


Figure 1 Field sketch of leak locations

Photos of leak locations

*Leaks marked with 'L' on pipes



Figure 2 Rear wall 'T' from VE4



Figure 3 VE1 - VE2 piping



Figure 4 VE2 elbow

Photos of leaks after being sealed



Figure 5 Rear wall / VE4 "T"



Figure 6 VE1-VE2 piping



Figure 7 VE2 elbow



MONTHLY REPORT FOR MARCH 2017

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: March 1, 2017 to March 31, 2017
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN MARCH

- 1) 3/15/17 Quaterly sampling conducted for the site; DSR was submitted
- 2) 2/28/17 SMP was submitted to DEC

MATERIALS TRANSPORTED OFFSITE IN MONTH OF MARCH

none

MATERIALS TRANSPORTED ONSITE IN MONTH OF MARCH

none

SAMPLING RESULTS

- 1) 3/15/17 Quaterly sampling conducted for the site; DSR was submitted

PLAN FOR MONTH OF APRIL 2017

- 1) continue running system

SCHEDULE DELAYS

N/A



MONTHLY REPORT FOR APRIL 2017

SITE ADDRESS: 39-40 30th Street, Queens, NY
DATES: April 1, 2017 to April 30, 2017
BCP NUMBER: C-241163

DESCRIPTION OF ACTIVITIES PERFORMED AT SITE IN APRIL

1) Comments from DEC on the SMP were received on 4/25/17

MATERIALS TRANSPORTED OFFSITE IN MONTH OF APRIL

none

MATERIALS TRANSPORTED ONSITE IN MONTH OF APRIL

none

SAMPLING RESULTS

1) none

PLAN FOR MONTH OF MAY 2017

1) continue running system

2) Quarterly sampling scheduled for June 2017

3) SMP comments are being and address and will be re-submitted

SCHEDULE DELAYS

N/A

DAILY



DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: August 5th 2015

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(3) Environmental Geologists Thomas Gallo, Erica Mungall, Gregory Swirson	(14) 6L, 8hr SUMMA canisters, hand drill, hard and soft tubing, hydrated bentonite

DESCRIPTION OF DAILY ACTIVITY

Helium test, soil gas sampling

WEATHER	WIND & DIRECTION	Calm	AM	TEMP	75	AM	SKY	Sunny	AM
		WNW @ 8 MPH	PM		82	PM		Overcast	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE		MAX UP WIND		MIN UP WIND
DETECTIONS (ug/m ³)		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

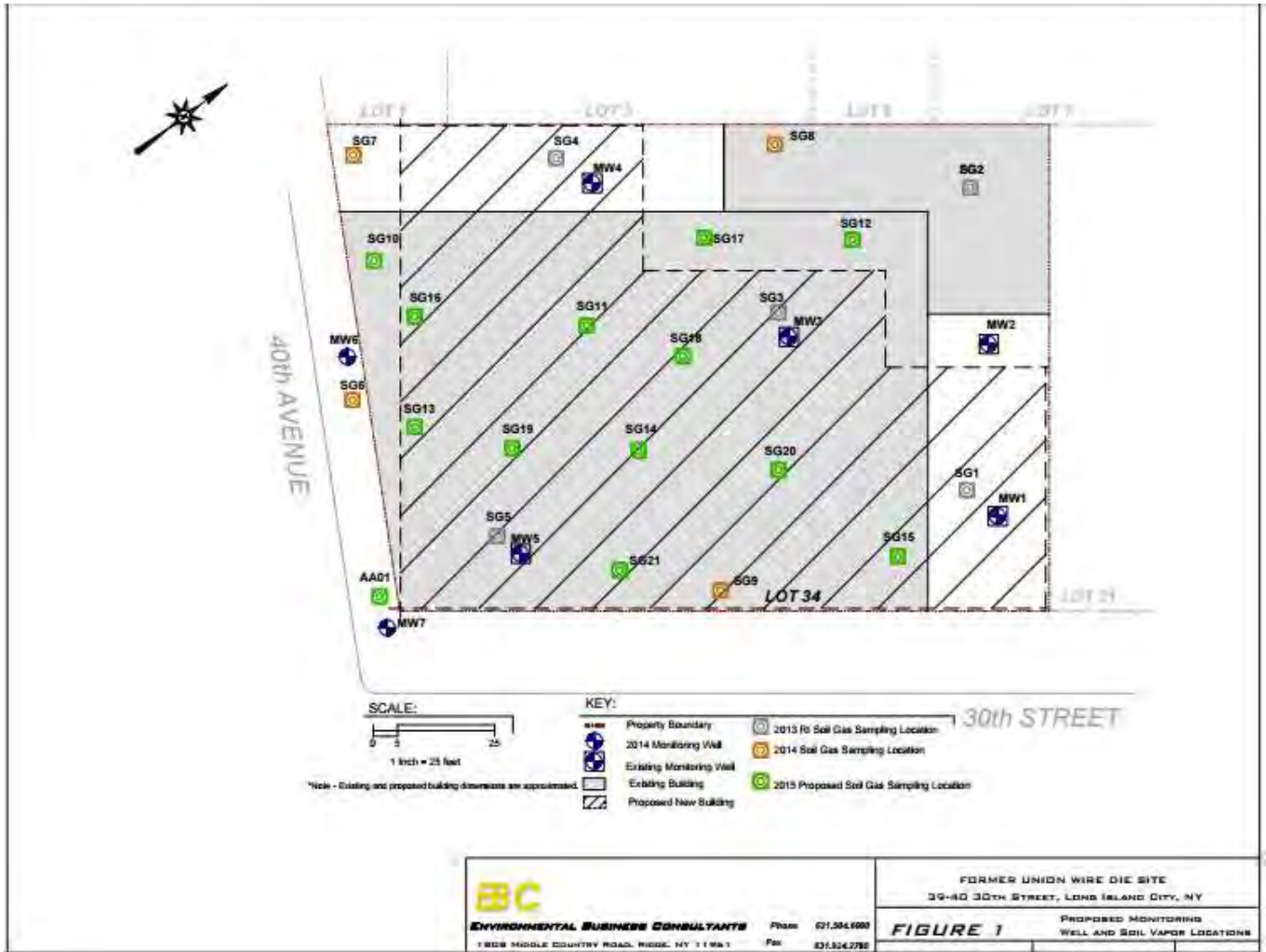
None

SAMPLES COLLECTED

SG1, SG2, SG10, SG11, SG12, SG13, SG14, SG15, SG16, SG17, SG18, SG19, SG20, SG21

PLAN FOR NEXT DAY

NA





DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: October 29th 2015

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(2) Environmental Geologists Thomas Gallo Eleni Kawadias	(5) 6L, 8hr SUMMA canisters

DESCRIPTION OF DAILY ACTIVITY

Indoor air sampling

WEATHER	WIND & DIRECTION	WNW @ 11 MPH	AM	TEMP	64	AM	SKY	Mst Cldy	AM
		W @ 12 MPH	PM		66	PM		Mst Cldy	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)		MAX UP WIND		MIN UP WIND
		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

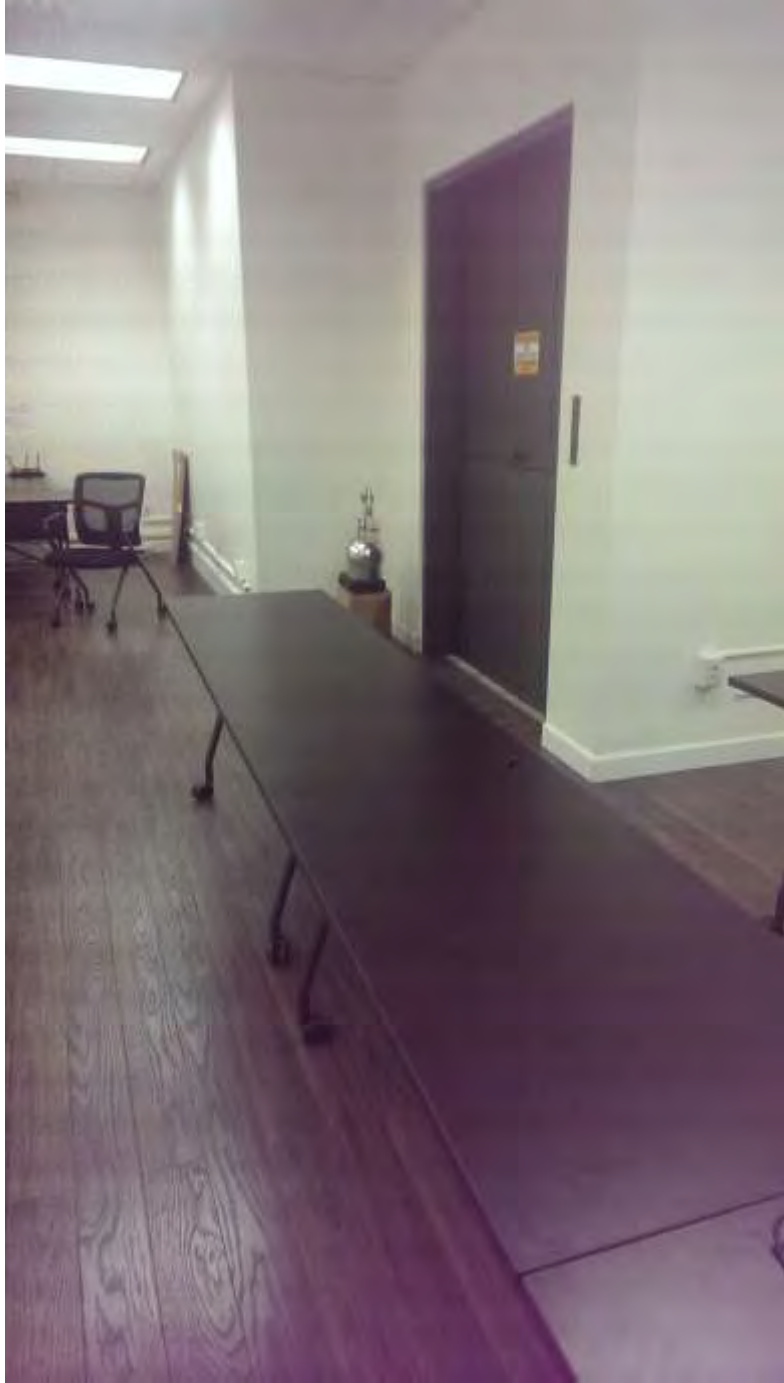
None

SAMPLES COLLECTED

Indoor Air Second Floor 01, Indoor Air Second Floor 02, Indoor Air Second Floor 03, Indoor Air Second Floor 04, AA02

PLAN FOR NEXT DAY

NA









DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: November 24th 2015

BCP NUMBER: C241163

CONSULTANT		MANPOWER				EQUIPMENT			
Environmental Business Consultants		(2) Environmental Geologists Thomas Gallo Eleni Kawadias				(10) 6L, 8hr SUMMA canisters			
DESCRIPTION OF DAILY ACTIVITY									
Indoor air sampling									
WEATHER	WIND & DIRECTION	W @ 6 MPH	AM	TEMP	40	AM	SKY	Mst Cldy	AM
		WNW @ 5 MPH	PM		45	PM		Sunny	PM
AIR MONITORING									
ONSITE CAMP STATIONS				No	UPWIND	No	DOWNWIND		
CORRECTIVE ACTION REQUIRED				No	ODOR	No	ODOR		
				No	PID ACTION LIMIT	No	PID ACTION LIMIT		
				No	PM ACTION LIMIT	No	PM ACTION LIMIT		
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m³)					MAX UP WIND		MIN UP WIND		
					MAX DOWN WIND		MIN DOWN WIND		
MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE									
None									
SAMPLES COLLECTED									
SG16, SG17, SG18, SG19, SG20, SG21, SG22, AA03, Indoor Air Second Floor 03, Indoor Air Second Floor 04									
PLAN FOR NEXT DAY									
NA									









DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

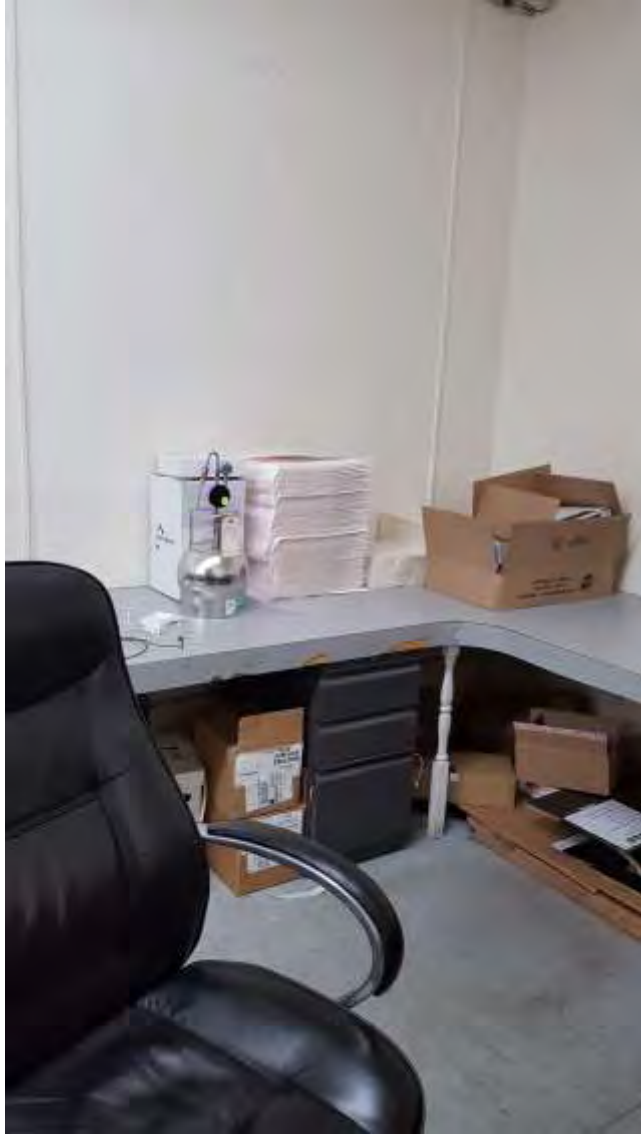
DATE: January 14th 2016

BCP NUMBER: C241163

CONSULTANT		MANPOWER				EQUIPMENT			
Environmental Business Consultants		(2) Environmental Geologists Thomas Gallo Eleni Kawadias				(6) 6L, 8hr SUMMA canisters			
DESCRIPTION OF DAILY ACTIVITY									
Indoor air sampling									
WEATHER	WIND & DIRECTION	WNW @ 9 MPH	AM	TEMP	27	AM	SKY	overcast	AM
		W @ 3 MPH	PM		37	PM		overcast	PM
AIR MONITORING									
ONSITE CAMP STATIONS				No	UPWIND	No	DOWNWIND		
CORRECTIVE ACTION REQUIRED				No	ODOR	No	ODOR		
				No	PID ACTION LIMIT	No	PID ACTION LIMIT		
				No	PM ACTION LIMIT	No	PM ACTION LIMIT		
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m³)					MAX UP WIND		MIN UP WIND		
					MAX DOWN WIND		MIN DOWN WIND		
MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE									
None									
SAMPLES COLLECTED									
Indoor Air Second Floor 03, Indoor Air Second Floor 04, SG16, SG17, SG22, Adjacent to Carbon Discharge									
PLAN FOR NEXT DAY									
NA									









DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: February 24th 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(2) Environmental Geologists Thomas Gallo Eleni Kawadias	(6) 6L, 8hr SUMMA canisters

DESCRIPTION OF DAILY ACTIVITY

Indoor air sampling

WEATHER	WIND & DIRECTION	WSW @ 5 MPH	AM	TEMP	27	AM	SKY	overcast	AM
		W @ 4 MPH	PM		37	PM		overcast	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE		MAX UP WIND		MIN UP WIND
DETECTIONS (ug/m ³)		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

None

SAMPLES COLLECTED

Indoor Air Second Floor 03, Indoor Air Second Floor 04, SG16, SG17, SG22, Carbon Discharge

PLAN FOR NEXT DAY

NA







DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: April 19th 2016

BCP NUMBER: C241163

CONSULTANT		MANPOWER				EQUIPMENT			
Environmental Business Consultants		(2) Environmental Geologists Thomas Gallo Eleni Kawadias				(7) 6L, 8hr SUMMA canisters			
DESCRIPTION OF DAILY ACTIVITY									
Indoor air sampling									
WEATHER	WIND & DIRECTION	N @ 7 MPH	AM	TEMP	66	AM	SKY	Prt Cldy	AM
		NNW @ 11 MPH	PM		69	PM		Sunny	PM
AIR MONITORING									
ONSITE CAMP STATIONS				No	UPWIND	No	DOWNWIND		
CORRECTIVE ACTION REQUIRED				No	ODOR	No	ODOR		
				No	PID ACTION LIMIT	No	PID ACTION LIMIT		
				No	PM ACTION LIMIT	No	PM ACTION LIMIT		
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m³)					MAX UP WIND		MIN UP WIND		
					MAX DOWN WIND		MIN DOWN WIND		
MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE									
None									
SAMPLES COLLECTED									
Indoor Air Second Floor 03, Indoor Air Second Floor 04, SG16, SG17, SG22, Carbon Discharge, Elevator Pit									
PLAN FOR NEXT DAY									
NA									









DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: June 21st 2016

BCP NUMBER: C241163

CONSULTANT		MANPOWER				EQUIPMENT			
Environmental Business Consultants		(2) Environmental Geologists				(7) 6L, 8hr SUMMA canisters			
		Thomas Gallo							
		HP Lau							
DESCRIPTION OF DAILY ACTIVITY									
Indoor air sampling									
WEATHER	WIND & DIRECTION	WNW @ 8 MPH	AM	TEMP	75	AM	SKY	Sunny	AM
		WNW @ 5 MPH	PM		81	PM		Mst Cldy	PM
AIR MONITORING									
ONSITE CAMP STATIONS				No	UPWIND	No	DOWNWIND		
CORRECTIVE ACTION REQUIRED				No	ODOR	No	ODOR		
				No	PID ACTION LIMIT	No	PID ACTION LIMIT		
				No	PM ACTION LIMIT	No	PM ACTION LIMIT		
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m³)					MAX UP WIND		MIN UP WIND		
					MAX DOWN WIND		MIN DOWN WIND		
MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE									
None									
SAMPLES COLLECTED									
Indoor Air Second Floor 03, Indoor Air Second Floor 04, SG16, SG17, SG22, Carbon Discharge, Elevator Pit									
PLAN FOR NEXT DAY									
NA									







DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: July 6th, 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(2) Environmental Scientists Thomas Gallo Eleni Kawadias	PID, Depth to Water interface meter, horiba, peristaltic pump, tubing

DESCRIPTION OF DAILY ACTIVITY
Measured PID of well headspace, took depth to water measurements, recorded groundwater parameters, sampled wells for VOC 8260 analysis

WEATHER	WIND & DIRECTION	N @ 2 MPH	AM	TEMP	81	AM	SKY	Sunny	AM
		N @ 5 MPH	PM		87	PM		Sunny	PM

AIR MONITORING		
ONSITE CAMP STATIONS	No UPWIND	No DOWNWIND
CORRECTIVE ACTION REQUIRED	No ODOR	No ODOR
	No PID ACTION LIMIT	No PID ACTION LIMIT
	No PM ACTION LIMIT	No PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)	NA MAX UP WIND	NA MIN UP WIND
	NA MAX DOWN WIND	NA MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE
None

SAMPLES COLLECTED
MW1, MW2, MW4, MW5, MW6, MW7, MW Adj 2, MW Adj 3, MW Adj 5, GW Duplicate, MS/MSD

PLAN FOR NEXT DAY
Next Week- Groundwater sampling of MW3





DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: July 13th, 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
C2 Environmental	(2) Geoprobe Drillers	(1) Geoprobe
	Elbio Cruz	
	Levi Mata	

DESCRIPTION OF DAILY ACTIVITY

Drilled soil borings in 4' intervals to 20' bg

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(2) Environmental Geologists	(2) PID, (2) Dust Meter
	Thomas Gallo	
	HP Lau	

DESCRIPTION OF DAILY ACTIVITY

Held tailgate
Air monitoring, oversight, boring logs, soil screening and sampling

WEATHER	WIND & DIRECTION	SW @ 5 MPH	AM	TEMP	78	AM	SKY	Sunny	AM
		SW @ 7 MPH	PM		85	PM		Sunny	PM

AIR MONITORING

ONSITE CAMP STATIONS	Yes	UPWIND	Yes	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)	28	MAX UP WIND	13	MIN UP WIND
	37	MAX DOWN WIND	30	MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

None

SAMPLES COLLECTED

16SB1 (0-2), 16SB1 (5-7), 16SB1 (10-12), 16SB1 (15-17), 16SB2 (0-2), 16SB2 (5-7), 16SB2 (10-12), 16SB2 (15-17), 16SB4 (0-2), 16SB4 (5-7), 16SB4 (10-12), 16SB4 (15-17)

PLAN FOR NEXT DAY

Complete soil borings 16SB3, 16SB5, 16SB6

Photo Log





Community Air Monitoring Log

Former Union Wire Die Corp : 39-40 30th Street Queens NY

Temp: 78 F / Weather: Sunny / Wind: SW@5 MPH

Time	Work Zone		Upwind		Downwind		Prestart	
	PID	Dust	PID	Dust	PID	Dust	PID	Dust
7/13/2016 0:00								
7/13/2016 9:00	0	40	0	16	0	37	0	34
7/13/2016 9:30	0	32	0	18	0	35	0	36
7/13/2016 10:00	0	37	0	19	0	33		
7/13/2016 10:30	0	34	0	15	0	30		
7/13/2016 11:00	0	45	0	17	0	32		
7/13/2016 11:30	0	41	0	21	0	36		
7/13/2016 12:00	0	33	0	24	0	33		
7/13/2016 12:30	0	36	0	23	0	32		
7/13/2016 13:00	0	32	0	17	0	31		
7/13/2016 13:30	0	36	0	19	0	32		
7/13/2016 14:00	0	32	0	16	0	37		
7/13/2016 14:30	0	34	0	13	0	33		
7/13/2016 15:00	0	31	0	22	0	37		
7/13/2016 15:30	0	27	0	20	0	30		
7/13/2016 16:00	0	35	0	28	0	34		
7/13/2016 16:30	0	32	0	22	0	37		
7/13/2016 17:00	0	33	0	26	0	31		



DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: July 16th, 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
C2 Environmental	(2) Geoprobe Drillers Elbio Cruz	(1) Geoprobe, 1" diameter well casings

DESCRIPTION OF DAILY ACTIVITY

Drilled soil borings in 4' intervals to 20' bg
Re-installed MW3

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(2) Environmental Geologists Thomas Gallo HP Lau	(2) PID, (2) Dust Meter

DESCRIPTION OF DAILY ACTIVITY

Held tailgate
Air monitoring, oversight, boring logs, soil screening and sampling

WEATHER	WIND & DIRECTION	NNE @ 4 MPH	AM	TEMP	83	AM	SKY	Sunny	AM
		N @ 6 MPH	PM		90	PM		Sunny	PM

AIR MONITORING

ONSITE CAMP STATIONS	Yes	UPWIND	Yes	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)	47	MAX UP WIND	31	MIN UP WIND
	69	MAX DOWN WIND	52	MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

None

SAMPLES COLLECTED

16SB3 (0-2), 16SB3 (5-7), 16SB3 (10-12), 16SB3 (15-17), 16SB5 (0-2), 16SB5 (5-7), 16SB5 (10-12), 16SB5 (15-17), 16SB6 (0-2), 16SB6 (5-7), 16SB6 (10-12), 16SB6 (15-17)

PLAN FOR NEXT DAY

Groundwater sampling of MW3

Photo Log





Community Air Monitoring Log



DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: July 22nd, 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(2) Environmental Scientists Thomas Gallo Kevin Waters	PID, Depth to Water interface meter, horiba, peristaltic pump, tubing

DESCRIPTION OF DAILY ACTIVITY

Measured PID of well headspace, took depth to water measurements, recorded groundwater parameters, sampled wells for VOC 8260 analysis. Measured and marked out locations for VE2 and observation wells 10, 15 and 25ft from vapor extraction well

WEATHER	WIND & DIRECTION	N @ 5 MPH	AM	TEMP	80	AM	SKY	Prt Cldy	AM
		N @ 6 MPH	PM		93	PM		Sunny	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)	NA	MAX UP WIND	NA	MIN UP WIND
	NA	MAX DOWN WIND	NA	MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

None

SAMPLES COLLECTED

MW3

PLAN FOR NEXT DAY

Installation of SVE well VE2 and observation monitoring wells







DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: August 5th 2015

BCP NUMBER: C241163

CONSULTANT		MANPOWER				EQUIPMENT				
Environmental Business Consultants		(3) Environmental Geologists Thomas Gallo, Erica Mungall, Gregory Swirson				(14) 6L, 8hr SUMMA canisters, hand drill, hard and soft tubing, hydrated bentonite				
DESCRIPTION OF DAILY ACTIVITY										
Helium test, soil gas sampling										
WEATHER	WIND & DIRECTION	Calm WNW @ 8 MPH	AM PM	TEMP	75 82	AM PM	SKY	Sunny Overcast	AM PM	
AIR MONITORING										
ONSITE CAMP STATIONS				No	UPWIND			No	DOWNWIND	
CORRECTIVE ACTION REQUIRED				No	ODOR			No	ODOR	
				No	PID ACTION LIMIT			No	PID ACTION LIMIT	
				No	PM ACTION LIMIT			No	PM ACTION LIMIT	
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m³)					MAX UP WIND				MIN UP WIND	
					MAX DOWN WIND				MIN DOWN WIND	
MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE										
None										
SAMPLES COLLECTED										
SG1, SG2, SG10, SG11, SG12, SG13, SG14, SG15, SG16, SG17, SG18, SG19, SG20, SG21										
PLAN FOR NEXT DAY										
NA										



DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: August 8th, 2016

BCP NUMBER: C241163

CONSULTANT		MANPOWER				EQUIPMENT			
Environmental Business Consultants		(2) Environmental Geologists				(7) 6L, 8hr SUMMA canisters			
		Thomas Gallo							
		HP Lau							
DESCRIPTION OF DAILY ACTIVITY									
Indoor air sampling									
WEATHER	WIND & DIRECTION	NNE @ 3 MPH	AM	TEMP	80	AM	SKY	Prt Cldy	AM
		NNE @ 3 MPH	PM		82	PM		Mst Cldy	PM
AIR MONITORING									
ONSITE CAMP STATIONS				No	UPWIND	No	DOWNWIND		
CORRECTIVE ACTION REQUIRED				No	ODOR	No	ODOR		
				No	PID ACTION LIMIT	No	PID ACTION LIMIT		
				No	PM ACTION LIMIT	No	PM ACTION LIMIT		
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m³)					MAX UP WIND		MIN UP WIND		
					MAX DOWN WIND		MIN DOWN WIND		
MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE									
None									
SAMPLES COLLECTED									
Indoor Air Second Floor 03, Indoor Air Second Floor 04, SG16, SG17, SG22, Carbon Discharge, Elevator Pit									
PLAN FOR NEXT DAY									
NA									

1st Floor Sketch



39-110 24th St
On site for quarterly indoor
airborne air sampling.
Using 6L Shur Sweep canisters,
2 and 1/2 liter samples, 3 Area + elevator
+ carbon discharge also on 1st floor.

8-3-14



DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: September 8th, 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(2) Environmental Scientists Thomas Gallo Eleni Kawadias	(7) 6L, 8hr SUMMA canisters

DESCRIPTION OF DAILY ACTIVITY

Indoor air sampling

WEATHER	WIND & DIRECTION	S @ 1 MPH	AM	TEMP	78	AM	SKY	Prt ClDY	AM
		SSW @ 8 MPH	PM		83	PM		Prt ClDY	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)		MAX UP WIND		MIN UP WIND
		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

None

SAMPLES COLLECTED

Indoor Air Second Floor 03, Indoor Air Second Floor 04, SG16, SG17, SG22, Carbon Discharge, Elevator Pit

PLAN FOR NEXT DAY

NA



Figure 1 Doors closed for sampling



Figure 2 Elevator Pit



Figure 3 Carbon discharge



DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: October 6th 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(2) Environmental Scientists Thomas Gallo Eleni Kawadidas	(7) 6L, 8hr SUMMA canisters

DESCRIPTION OF DAILY ACTIVITY

Indoor air sampling

WEATHER	WIND & DIRECTION	SW @ 7 MPH	AM	TEMP	70	AM	SKY	Sunny	AM
		SW @ 4 MPH	PM		71	PM		Sunny	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)		MAX UP WIND		MIN UP WIND
		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

None

SAMPLES COLLECTED

Indoor Air Second Floor 03, Indoor Air Second Floor 04, SG16, SG17, SG22, Carbon Discharge, Elevator Pit

PLAN FOR NEXT DAY

NA

Indoor Air Sampling Figure

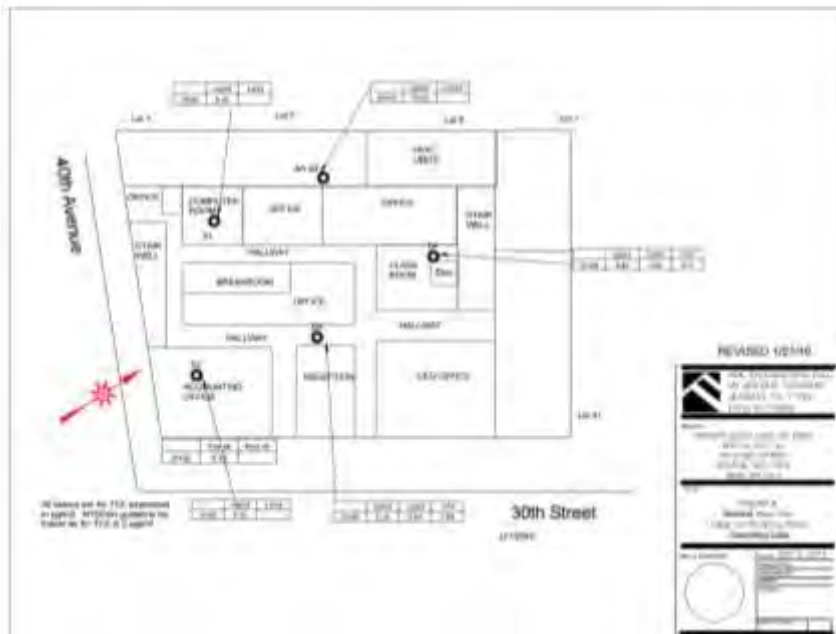
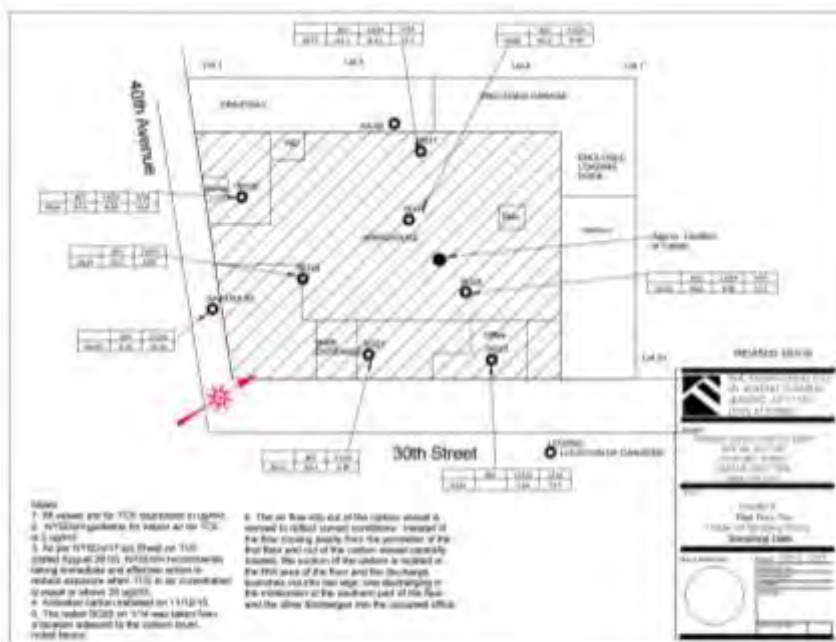
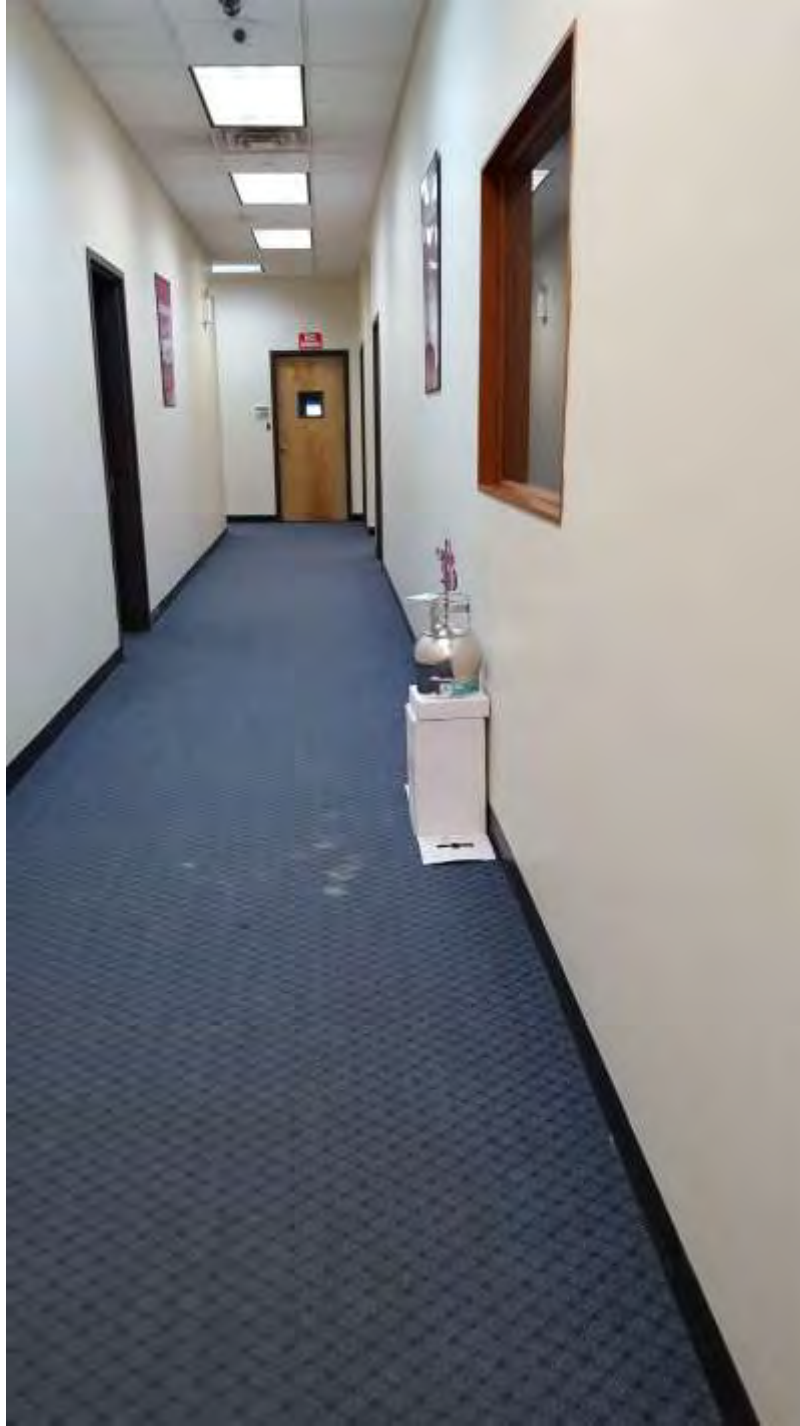


Photo Log







DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: October 18th 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(2) Environmental Geologists Thomas Gallo H.P. Lau	SCH 40 PVC Piping, hand auger, 2" well screen and riser, ball valve

DESCRIPTION OF DAILY ACTIVITY

Installed VE4, began connecting pipes towards rear 6" pipe.
Connected VE1 piping to VE2 piping running to rear 6" pipe

WEATHER	WIND & DIRECTION	SSW @ 4 MPH	AM	TEMP	65	AM	SKY	Sunny	AM
		W @ 3 MPH	PM		80	PM		Sunny	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)		MAX UP WIND		MIN UP WIND
		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

None

SAMPLES COLLECTED

None

PLAN FOR NEXT DAY

10-19-16 - No work on site

10-20-16 : Connect VE4 to rear 6" pipe



Figure 1 VE4



Figure 2 Soil Drum



Figure 3 VE1 to VE2 to rear wall



Figure 4 VE4 installed



DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: October 20th 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(1) Environmental Geologists Thomas Gallo	SCH 40 PVC Piping

DESCRIPTION OF DAILY ACTIVITY

Connect VE4 to rear 6" pipe

WEATHER	WIND & DIRECTION	ENE @ 12 MPH E @ 11 MPH	AM PM	TEMP	69 71	AM PM	SKY	Prtly Cldy Cloudy	AM PM
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AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)		MAX UP WIND		MIN UP WIND
		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

None

SAMPLES COLLECTED

None

PLAN FOR NEXT DAY

10-21-16 : No work on site

10-22-16: Install VE1 to 12.5ft bg with geoprobe





AL97134

Chill
by Hisense

Beverage Dispenser
Distributeur de boissons



DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: October 22th 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
C Squared Environmental	(1) Geoprobe Operator Emanuel S.	(1) Geoprobe 54LT
Environmental Business Consultants	(2) Environmental Scientists Thomas Gallo Patrick Recio	(2) PIDs, (2) Dust meters, SCH 40 PVC

DESCRIPTION OF DAILY ACTIVITY

Oversight of VE1 installation, collection of Tank North 2 sample

WEATHER	WIND & DIRECTION	WNW @ 8	AM	TEMP	48	AM	SKY	Cloudy	AM
		WNW @ 12	PM		47	PM		Light rain	PM

AIR MONITORING

ONSITE CAMP STATIONS	Yes	UPWIND	Yes	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m³)	40	MAX UP WIND	28	MIN UP WIND
	53	MAX DOWN WIND	33	MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

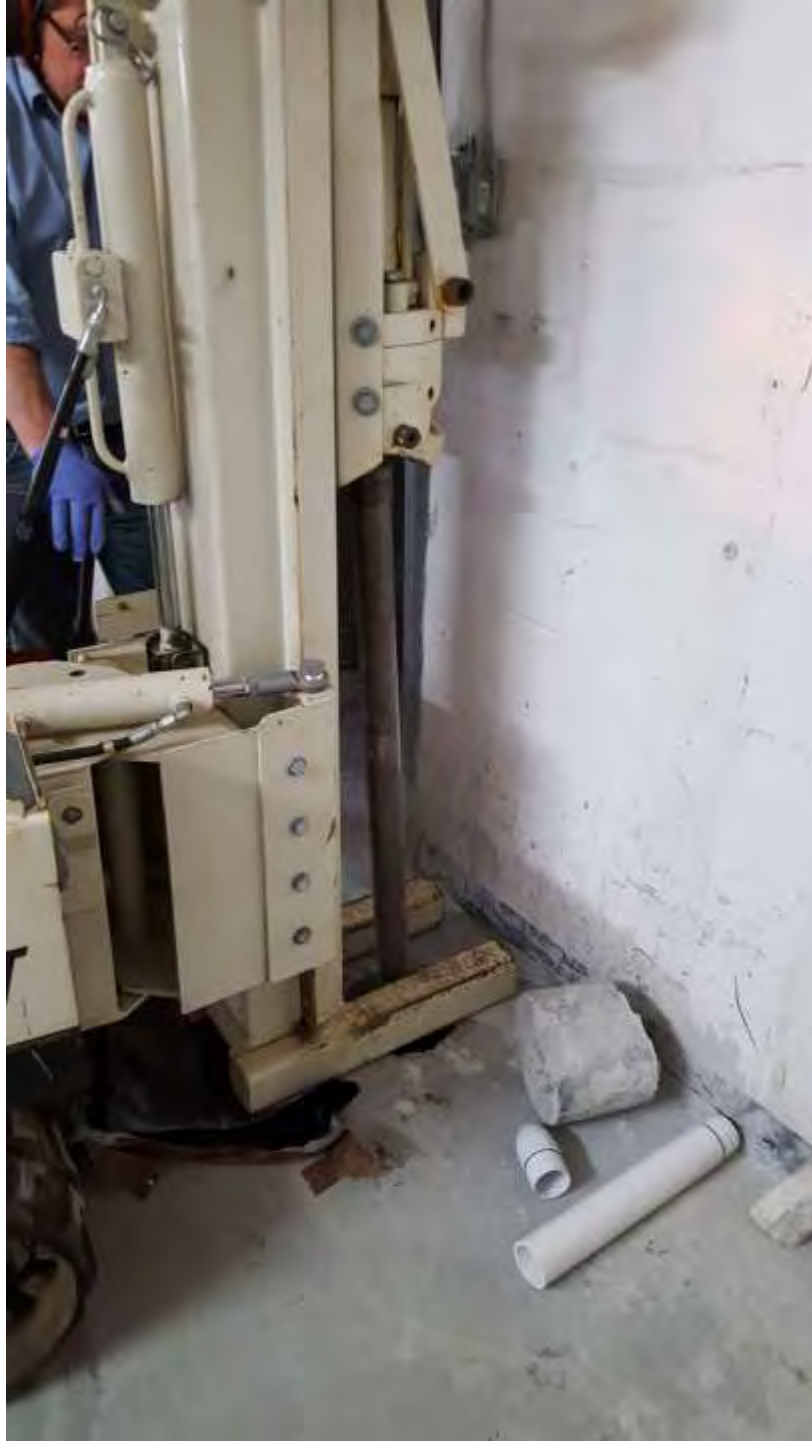
None

SAMPLES COLLECTED

Tank North 2

PLAN FOR NEXT DAY

Complete SVE system throughout week; carbon drum piping to exhaust and install sample ports and pressure gauges





Daily Air Monitoring Log

Project Name: Ferric Station #12
 Project Location: 39-40 30th Street Queens NY
 Permit No.: 98
 Date: 05-22-16
 Inspector: 47
 Method: Method 13
 Station ID: 1241163
 Project Start Date: 05-10-16
 Project End Date: 05-22-16
 Sampling Method: Direct
 Sampling Frequency: 1 hr
 Sampling Time: 08:00 AM
 Sampling Duration: 1 hr
 Sampling Location: 12.5'
 Sampling Height: 12.5'

Time	VOCs		Semi-VOCs		HAPs	
	Conc. (ppb)	Conc. (ppb)	Conc. (ppb)	Conc. (ppb)	Conc. (ppb)	Conc. (ppb)
8:00	0.0	0.063	0.0	0.040	0.0	0.053
9:30	0.0	0.072	0.0	0.051	0.0	0.048
10:00	0.0	0.071	0.0	0.037	0.0	0.074
10:30	0.0	0.083	0.0	0.036	0.0	0.076
11:00						
11:30						
12:00	No Soil Disturbance					
12:30						
13:00						
13:30						
14:00	0.0	0.077	0.0	0.028	0.0	0.033
14:30	0.0	0.087	0.0	0.033	0.0	0.051
15:00	0.0	0.071	0.0	0.026	0.0	0.040
15:30	0.0	0.070	0.0	0.030	0.0	0.077
16:00	0.0	0.076	0.0	0.034	0.0	0.074

VEI install

Tank North of Sampling

Additional Comments: Installed VEI to 12.5' by using 11.5' screen riser - 2" diameter
Collected Tank North 2 P12 by sample



DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: October 25th 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(1) Environmental Geologists Thomas Gallo	SCH 40 PVC Piping

DESCRIPTION OF DAILY ACTIVITY

Installed gauges and sample ports.
Began carbon drum pipe assembly

WEATHER	WIND & DIRECTION	WNW @ 8 MPH	AM	TEMP	46	AM	SKY	Mstly Cldy	AM
		WNW @ 9 MPH	PM		50	PM		Cloudy	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE		MAX UP WIND		MIN UP WIND
DETECTIONS (ug/m ³)		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

None

SAMPLES COLLECTED

None

PLAN FOR NEXT DAY

Complete system





DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: October 26th 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(1) Environmental Geologists Thomas Gallo	SCH 40 PVC Piping

DESCRIPTION OF DAILY ACTIVITY

Completed SVE install

WEATHER	WIND & DIRECTION	W @ 8 MPH	AM	TEMP	40	AM	SKY	Sunny	AM
		WNW @ 4 MPH	PM		55	PM		Sunny	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE		MAX UP WIND		MIN UP WIND
DETECTIONS (ug/m ³)		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

None

SAMPLES COLLECTED

None

PLAN FOR NEXT DAY

SVE test Monday 10-31-16





DAILY ACTIVITY REPORT

Former Union Wire Die Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: October 31st 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
AMC Engineering	Engineer Ariel Czemerinski	(1) Manometer
CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(1) Environmental Scientists Thomas Gallo	(2) PIDs

DESCRIPTION OF DAILY ACTIVITY

SVE vacuum testing

WEATHER	WIND & DIRECTION	W @ 2	AM	TEMP	AM	SKY	AM
		WNW @ 3	PM	48	PM	Sunny	AM
				52		Sunny	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)		MAX UP WIND		MIN UP WIND
		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

None

SAMPLES COLLECTED

None

PLAN FOR NEXT DAY

Weekly SVE logs of PID and vacuum to begin next week







DAILY ACTIVITY REPORT

Former Union Wire Dye Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: November 30th 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(1) Environmental Geologist Thomas Gallo	(1) PID- ppbRAE 3000, (1) Manometer, (6) Tedlar Bags, (1) Peristaltic Pump

DESCRIPTION OF DAILY ACTIVITY

Weekly SVE System inspection

WEATHER	WIND & DIRECTION	NE @ 4 MPH	AM	TEMP	57	AM	SKY	Cloudy	AM
		NE @ 8 MPH	PM		55	PM		Rain	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)		MAX UP WIND		MIN UP WIND
		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

None

SAMPLES COLLECTED

None

PLAN FOR NEXT DAY

Continue weekly inspections

Former Union Wire Dye Corp

SOIL VAPOR EXTRACTION SYSTEM INSPECTION FORM

Date: 11/30/2016

Time: 9:00am

Weather: Cloudy/57/NE @ 4

Inspector: Thomas Gallo

Extraction Point	Vacuum (iwc)	PID Reading(ppb) from Tedlar Bag	PID Reading (ppb) from pipe
VE-1	-14.71	1419	1916
VE-2	-14.90	866	743
VE-3	-14.59	367	317
VE-4	-16.08	1039	1689
Blower inlet	-29		

Inspection:	Yes / No	Comments
Blower Operating?	Yes	
Spare Carbon Drums?	yes	2 additional TIGG carbon drums were noted in the warehouse area for change when it is needed
System Integrity?	Good	Vacuum readings consistent with initial readings

Photo Log

















LONG ISLAND CITY NY 11101
11101
11101
11101
11101

CLOSE OPEN
ONE-WAY VALVE
TEDLAR BAG
11-30-16
VE3

CLOSE OPEN
ONE-WAY VALVE
TEDLAR BAG
11-30-16
VE3

CLOSE OPEN
ONE-WAY VALVE
TEDLAR BAG
11-30-16
VE3

CLOSE OPEN
ONE-WAY VALVE
TEDLAR BAG
11-30-16
VE3

CLOSE OPEN
ONE-WAY VALVE
TEDLAR BAG
11-30-16
VE3

CLOSE OPEN
ONE-WAY VALVE
TEDLAR BAG
11-30-16
VE3





DAILY ACTIVITY REPORT

Former Union Wire Dye Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: December 21st 2016

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(2) Environmental Scientists Thomas Gallo Patrick Recio	(8) 6L, 8hr SUMMA canisters, (1) Manometer, (6) Tedlar Bags

DESCRIPTION OF DAILY ACTIVITY

Indoor air sampling
SVE inspection, SVE Vacuum readings

WEATHER	WIND & DIRECTION	W @ 3 MPH	AM	TEMP	32	AM	SKY	Sunny	AM
		W @ 4 MPH	PM		37	PM		Sunny	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)		MAX UP WIND		MIN UP WIND
		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

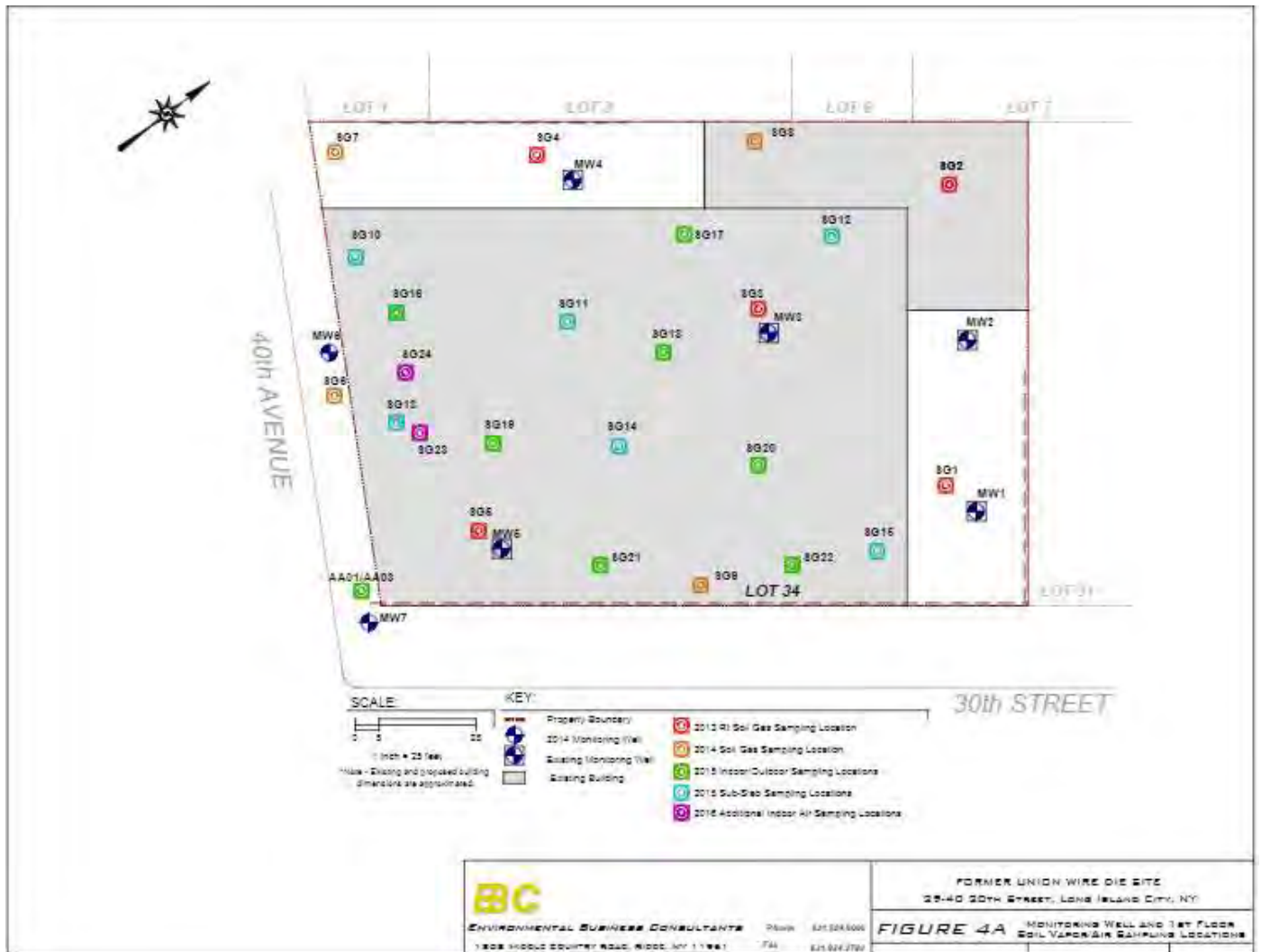
None

SAMPLES COLLECTED

Indoor Air Second Floor 03, Indoor Air Second Floor 04, SG16, SG17, SG22, SG23, SG24, Elevator Pit

PLAN FOR NEXT DAY

NA



ENVIRONMENTAL BUSINESS CONSULTANTS
 1808 HOOVER SQUARE ROAD, HICKS, NY 11761

Phone: 631.224.5500
 Fax: 631.224.2700

Former Union Wire Dye Corp
SOIL VAPOR EXTRACTION SYSTEM INSPECTION FORM

Date: 12-21-16

Time: 9:00am

Weather: Sunny/32/ W @ 3

Inspector: Patrick Recio,
 Thomas Gallo

Extraction Point	Vacuum (iwc)	PID Reading(ppb) from Tedlar Bag	PID Reading (ppb) from pipe
VE-1	-14.58	509	-
VE-2	-14.67	309	-
VE-3	-14.40	820	-
VE-4	-15.66	427	-
Blower inlet	-31		

Inspection:	Yes / No	Comments
Blower Operating?	Yes	
Spare Carbon Drums?	yes	<u>2 additional TIGG carbon drums were noted in the warehouse area for change when it is needed</u>
System Integrity?	<u>Good</u>	<u>installation of breakthrough meter conducted 11/23/2026</u>

WEEKLY CARBON MONITORING

Carbon filter installation date: 11/23/2016

<u>Date/Time</u>	<u>Location</u>	<u>PID reading (ppb) from Tedlar bag</u>	<u>PID units(ppb) from pipe</u>
<u>9:45</u>	Pre-Carbon	<u>726</u>	<u>980</u>
<u>9:55</u>	Post -Carbon	<u>0</u>	<u>42</u>

Comments/Actions taken:

Radius of Influence

Location	Observed Vacuum (iwc)	Comments
SG28	-0.17	
SG25	0.00	
SG26	0.00	

Permanent Subslab Vapor Point Figure



Photo Log











DAILY ACTIVITY REPORT

Former Union Wire Dye Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: January 11, 2017

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(1) Environmental Geologists Thomas Gallo	(1) Manometer, (1) MiniRae ppb PID, (1) peristaltic pump, (6) tedlar bags

DESCRIPTION OF DAILY ACTIVITY

SVE Inspection

WEATHER	WIND & DIRECTION	SW @ 8 MPH	AM	TEMP	44	AM	SKY	Sunny	AM
		SW @ 8 MPH	PM		50	PM		Cloudy	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE		MAX UP WIND		MIN UP WIND
DETECTIONS (ug/m ³)		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

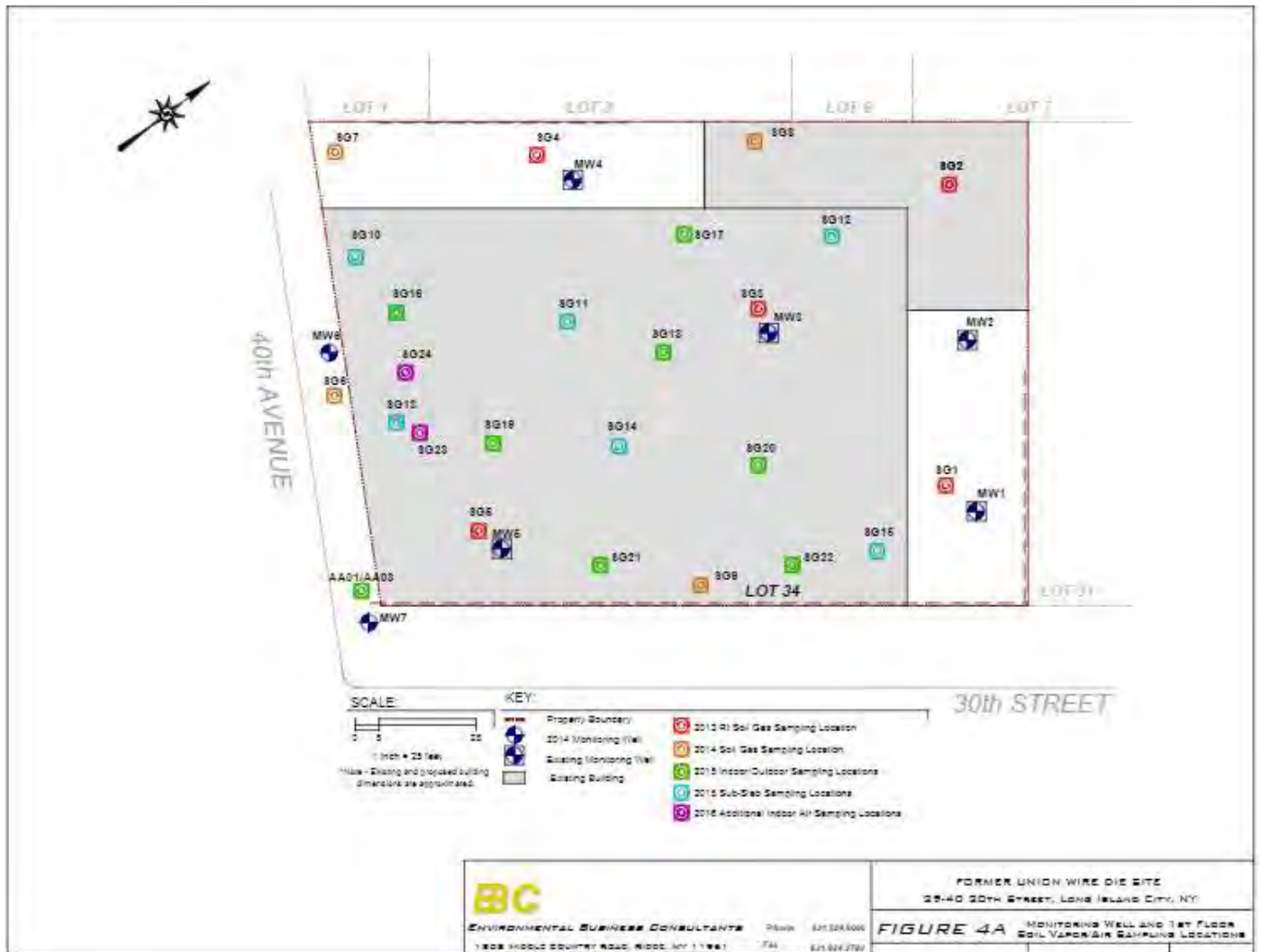
None

SAMPLES COLLECTED

None

PLAN FOR NEXT DAY

NA



ENVIRONMENTAL BUSINESS CONSULTANTS
 1808 HOOVER SQUARE ROAD, HICKS, NY 11761

Phone: 631.224.5500
 Fax: 631.224.2700

Former Union Wire Dye Corp
SOIL VAPOR EXTRACTION SYSTEM INSPECTION FORM

Date: 1-11-17

Time: 9:00am

Weather: Sunny/44/ SW @ 8

Inspector: Thomas Gallo

Extraction Point	Vacuum (iwc)	PID Reading(ppb) from Tedlar Bag	PID Reading (ppb) from pipe
VE-1	-15.09	795	-
VE-2	-15.03	1007	-
VE-3	-14.49	1154	-
VE-4	-14.88	1090	-
Blower inlet	-31		

Inspection:	Yes / No	Comments
Blower Operating?	Yes	
Spare Carbon Drums?	yes	<u>2 additional TIGG carbon drums were noted in the warehouse area for change when it is needed</u>
System Integrity?	<u>Good</u>	<u>Post carbon readings = 0 ppb</u>

Photo Log









DAILY ACTIVITY REPORT

Former Union Wire Dye Corp

SITE ADDRESS: 39-40 30th Street, Queens, NY

DATE: March 15, 2017

BCP NUMBER: C241163

CONSULTANT	MANPOWER	EQUIPMENT
Environmental Business Consultants	(1) Environmental Geologist Thomas Gallo	(1) PID- ppbRAE 3000, (1) Manometer, (6) Tedlar Bags, (1) Peristaltic Pump

DESCRIPTION OF DAILY ACTIVITY

Quarterly SVE System inspection

WEATHER	WIND & DIRECTION	W @ 17 MPH	AM	TEMP	25	AM	SKY	Cloudy	AM
		W @ 12 MPH	PM		32	PM		Cloudy	PM

AIR MONITORING

ONSITE CAMP STATIONS	No	UPWIND	No	DOWNWIND
CORRECTIVE ACTION REQUIRED	No	ODOR	No	ODOR
	No	PID ACTION LIMIT	No	PID ACTION LIMIT
	No	PM ACTION LIMIT	No	PM ACTION LIMIT
MAXIMUM AND MINIMUM PARTICULATE DETECTIONS (ug/m ³)		MAX UP WIND		MIN UP WIND
		MAX DOWN WIND		MIN DOWN WIND

MATERIALS TRANSPORTED OFFSITE AND DELIVERED TO SITE

None

SAMPLES COLLECTED

None

PLAN FOR NEXT DAY

None

Former Union Wire Dye Corp
SOIL VAPOR EXTRACTION SYSTEM INSPECTION FORM

Date: 3-15-17

Time: 9:30am

Weather: Cloudy/25/ W @ 17

Inspector: Thomas Gallo

Extraction Point	Vacuum (iwc)	PID Reading(ppb) from Tedlar Bag	PID Reading (ppb) from pipe
VE-1	-15.91	1003	952
VE-2	-15.80	1610	1055
VE-3	-15.42	1125	965
VE-4	-15.10	1030	854
Blower inlet	-31		

Inspection:	Yes / No	Comments
Blower Operating?	Yes	
Spare Carbon Drums?	yes	<u>2 additional TIGG carbon drums were noted in the warehouse area for change when it is needed</u>

System Integrity?	<u>Good</u>	<u>Manometer readings increased since sealing leaks</u>
--------------------------	--------------------	--

WEEKLY CARBON MONITORING

Carbon filter installation date: 11/23/2016

<u>Date/Time</u>	<u>Location</u>	<u>PID reading (ppb) from Tedlar bag</u>	<u>PID units(ppb) from pipe</u>
<u>10:00</u>	Pre-Carbon	<u>500</u>	<u>492</u>
<u>10:05</u>	Post -Carbon	<u>0</u>	<u>0</u>

Site Map

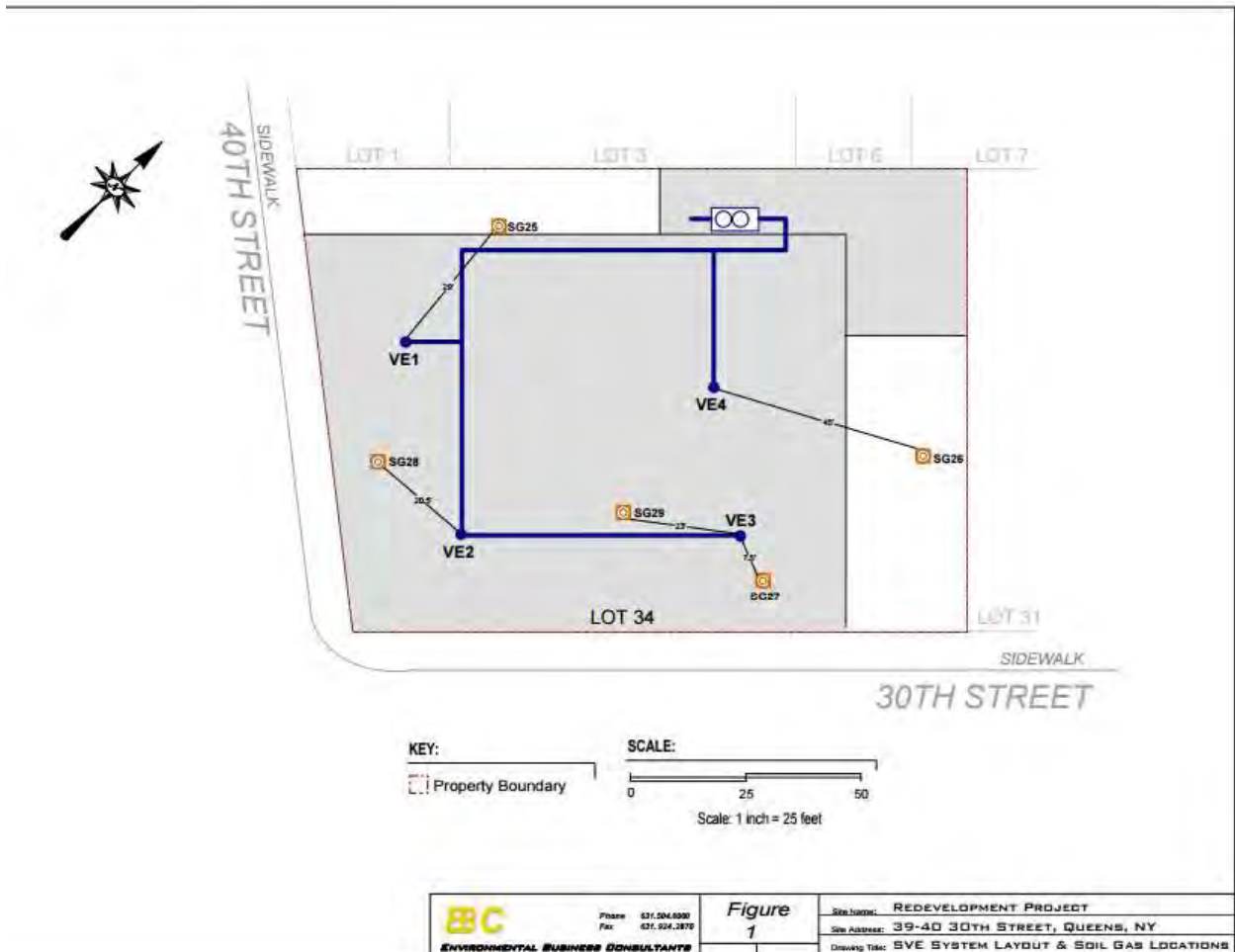


Photo Log



ATTACHMENT F:
DIGITAL PHOTO LOG



Photo 1 - View of indoor air sampling on 1st floor.



Photo 2 – View of temporary carbon filtration system installed on 1st floor.



Photo 3 – View of soil sampling on 1st floor.



Photo 4 – View of soil sampling on 1st floor.



Photo 5 View of VE4 being installed



Photo 6 – View of ceiling suspended piping for SVE system.



Photo 7 – View of SVE fan and carbon drums.



Photo 8 – View of SVE sampling.



Photo 9 – Sampling of SVE system.

ATTACHMENT G:

ADDITIONAL SOIL AND
GROUNWATER SAMPLING
REPORT



October 19, 2016

Ruth Curley
New York State Department of Environmental Conservation
625 Broadway, 12th Floor
Albany NY, 12233

Re: *Additional Soil and Groundwater Sampling
Former Union Wire Die Corporation
39-40 30th Street, Long Island City, NY
BCP Site Number C241163*

Dear Ms. Curley:

This report documents supplemental field investigation work completed by Environmental Business Consultants (EBC) at the above referenced property between July and September 2016. This work consisted of two parts:

1. Additional groundwater and soil sampling at up-gradient locations to assess on-site migration of PCE and TCE from an adjacent source as per the Remedial Action Work Plan. This work was performed between July 6 and July 16, 2016.
2. Inspection and soil sampling around an Underground Storage Tank (UST) that was previously closed-in-place. This work was performed on August 29, 2016 in accordance with UST Confirmation Methods outlined in the Remedial Action Work Plan.

Underground Storage Tank Inspection and Soil Sampling

UST Inspection

On August 17, 2016 Brookside Environmental and Environmental Business Consultants were on Site to conduct an inspection of the UST in place to determine if the tank was closed in place or if the tank still contained product. The tank is located on the northern side of the property within the garage of the building. Upon the inspection of the tank and manhole connected to the tank, both were filled with structural foam, indicative that the tank is abandoned and closed in place.

Soil Sampling

Four soil samples, located around the tank were selected as shown on **Figure 2** to determine if a leak had occurred at the tank. Boring locations were limited by access constraints which included an adjacent office, footings and walls. The tank borings were advanced with a Geoprobe 420M direct push probe machine and sampled with a 3-foot micro-core sampler using disposable acetate liners. Soil was characterized by an Environmental Profession (EP) and visually inspected for signs of contamination. At each of the soil boring locations, soil samples were collected continuously from grade to a depth of 12 feet below grade, which was approximately 2 to 3 feet below the bottom of the tank. Soil was characterized as dark brown



sand with rock material from 0-3 ft below grade to brown medium to sand to light fine sand to the termination depth. Soil boring logs are attached in **Appendix A**.

Sample Handling and Analysis

Collected samples were appropriately packaged, placed in coolers and shipped via laboratory dispatched courier for delivery to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). Soil samples were analyzed for volatile organic compounds (VOCs) by USEPA Method 8260 and semi-volatile organic compounds (SVOCs) by USEPA Method 8270.

RI Supplemental Soil and Groundwater Sampling Summary

Soil Borings

Six soil boring locations (16B1 through 16SB6) were selected as shown on **Figure 2** to gain representative soil quality information from the northern portion of the Site where the TCA contamination is coming onto the Site. All borings were advanced with Geoprobe™ direct push equipment and sampled with a 4-foot macro-core sampler using disposable acetate liners. Soil was characterized by an Environmental Professional (EP) and visually inspected for signs of contamination. At each of the soil boring locations, soil samples were collected continuously from grade to depths of 12 to 20 feet below grade depending on location. Soil was characterized as fill material, which varied in thickness from a few inches to 4 feet in depth, followed by brown sandy silt to termination depth. Soil boring logs are attached in **Appendix A**.

In accordance with the specified protocol, soil samples were retained at 0-2 ft, 5-7 ft, 10-12 ft and 15-16 ft intervals from soil boring locations 16SB1-16SB4 and 16SB6. Soil samples were retained from the 0-2 ft, 5-7 ft and 10-12 ft intervals from the soil boring location 16SB5 due to refusal.

Groundwater

As part of this supplemental investigation, a complete round of groundwater samples, including on-site monitoring wells MW1-MW7 and three off-site monitoring wells MW ADJ 2, MW ADJ3 and MW ADJ5 (see **Figure 2**) were collected on July 6 and July 22, 2016. Groundwater samples were collected utilizing dedicated polyethylene tubing, a peristaltic pump, and a multi-parameter water quality meter. Sampling was performed in accordance with the procedures detailed in section 2.2 of the Remedial Investigation Work Plan (RIWP) and the Quality Assurance Project Plan (QAPP) previously prepared for the Site.

Sample Handling and Analysis

Collected samples were appropriately packaged, placed in coolers and shipped via laboratory dispatched courier for delivery to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). Soil and groundwater samples were analyzed for volatile organic compounds (VOCs) by USEPA Method 8260.

Results

Soil

Soil sample results were compared to Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives (SCOs) as presented in NYSDEC Soil Cleanup Guidance (10/21/10). Analytical data for the soil samples are summarized in **Tables 1 and 2** and posted on **Figure 4**. A copy of the laboratory analytical report is included in **Appendix B**.

UST Borings

As presented in **Tables 1 and 2**, there were no VOCs or SVOCs detected at concentrations exceeding Unrestricted Use SCOs in either any of the four soil samples collected around the tank.

RI Supplemental Soil Borings

As presenting in **Table 1**, two VOCs, tetrachloroethene and trichloroethene, were detected above Unrestricted Use SCOs within six soil boring samples. Trichloroethene was detected above unrestricted SCOs in five soil samples including, 16SB1 0-2' (520 µg/Kg), 16SB3 0-2' (19,000 µg/Kg) and 5-7' (1,000 µg/Kg), 16SB4 0-2' (9,200 µg/Kg), and 16SB5 0-2' (4,800 µg/Kg). Tetrachloroethene was detected in four soil samples including, 16SB2 0-2' (6,300 µg/Kg), 16SB3 0-2' (2,400 µg/Kg), 16SB4 0-2' (2,000 µg/Kg), and 16SB5 0-2' (1,320 µg/Kg).

There were no VOCs reported above Unrestricted SCOs in any of the samples collected from the 10-12 ft and 15-16 ft intervals.

Groundwater

Groundwater sample results were compared to the water quality standards specified in NYSDEC Groundwater Quality Standards (GQSs). Analytical data for the groundwater samples are summarized in **Table 3** and posted on **Figure 5**. A copy of the laboratory analytical report is provided in **Appendix B**.

As presented in **Table 3**, there were three VOCs including, cis-1,2-dichloroethene, tetrachloroethene and trichloroethene, detected above GQS in the ten groundwater samples collected. Tetrachloroethene ranging from 19 µg/L to 720 µg/L was detected above its respective GQS in all of the samples collected from MW1 through MW7 and adjacent monitoring wells 2, 3 and 5. Trichloroethene ranging from 11 µg/L to 390 µg/L was only detected above its respective GQS in MW1, MW3, MW4, MW6, and adjacent monitoring well 3. Cis-1,2-dichloroethene at 14 µg/L was detected above its respective GQS in MW4.

Conclusion and Recommendations

Subsurface soil at the Site consisted of fill, which was primarily comprised of brick and concrete in a dark brown coarse sandy matrix to depths as great as 4 feet below grade, underlain by sandy silt to the termination depth of 12-20 feet. Groundwater is present beneath the Site at a depth of 15 to 20 feet below surface grade and flows south.



UST Investigation

The results of the UST investigation confirmed that the tank was properly abandoned in place by filling with structural foam. Soil borings around the tank found no evidence of petroleum contamination with all samples non-detect for both VOC and SVOC compounds. Based on the results of this investigation there is no evidence of a release associated with the closed-in-place UST and it is not a source of contamination at the Site.

Supplemental Borings and Groundwater Sampling

The results of the samples collected from the supplemental soil borings reported chlorinated VOCs (PCE and TCE) above unrestricted SCOs in the shallow samples only. PCE was limited to the 0-2 ft interval only with no PCE detections above the SCO in any of the samples collected below 2 ft. With the exception of boring 16SB3, there were no TCE detections above the SCO in samples below the 2 ft interval. At the SB3 location TCE was reported in the 5-7 ft interval but was not reported above the SCO in the deeper samples collected at 10-12 and 15-16 ft. The absence of PCE and TCE in any of the samples below 2 ft except 16B3 (which had a detection of 1,000 mg/kg at the 5-7 ft interval) confirms an off-site origin for these compounds in groundwater at the Site.

Consistent with the results of the RI, CVOCs were reported in all of the on-site and off-site monitoring wells during this sampling round. Overall the concentrations and distribution of CVOCs was very similar to that reported in 2014 as part of the RI.

EBC recommends completing the installation and operation of the SVE system as planned. It is also recommended that once recovery rates from the SVE system fall to less than 20 percent of that obtained during the first week of operation, the system be readjusted to maximize flow to the northwest corner of the Site. This will address CVOCs reported in the 0-2 ft interval in this area of the Site.

Very truly yours,

Environmental Business Consultants

Chawinie Reilly
Project Manager



ENVIRONMENTAL BUSINESS CONSULTANTS

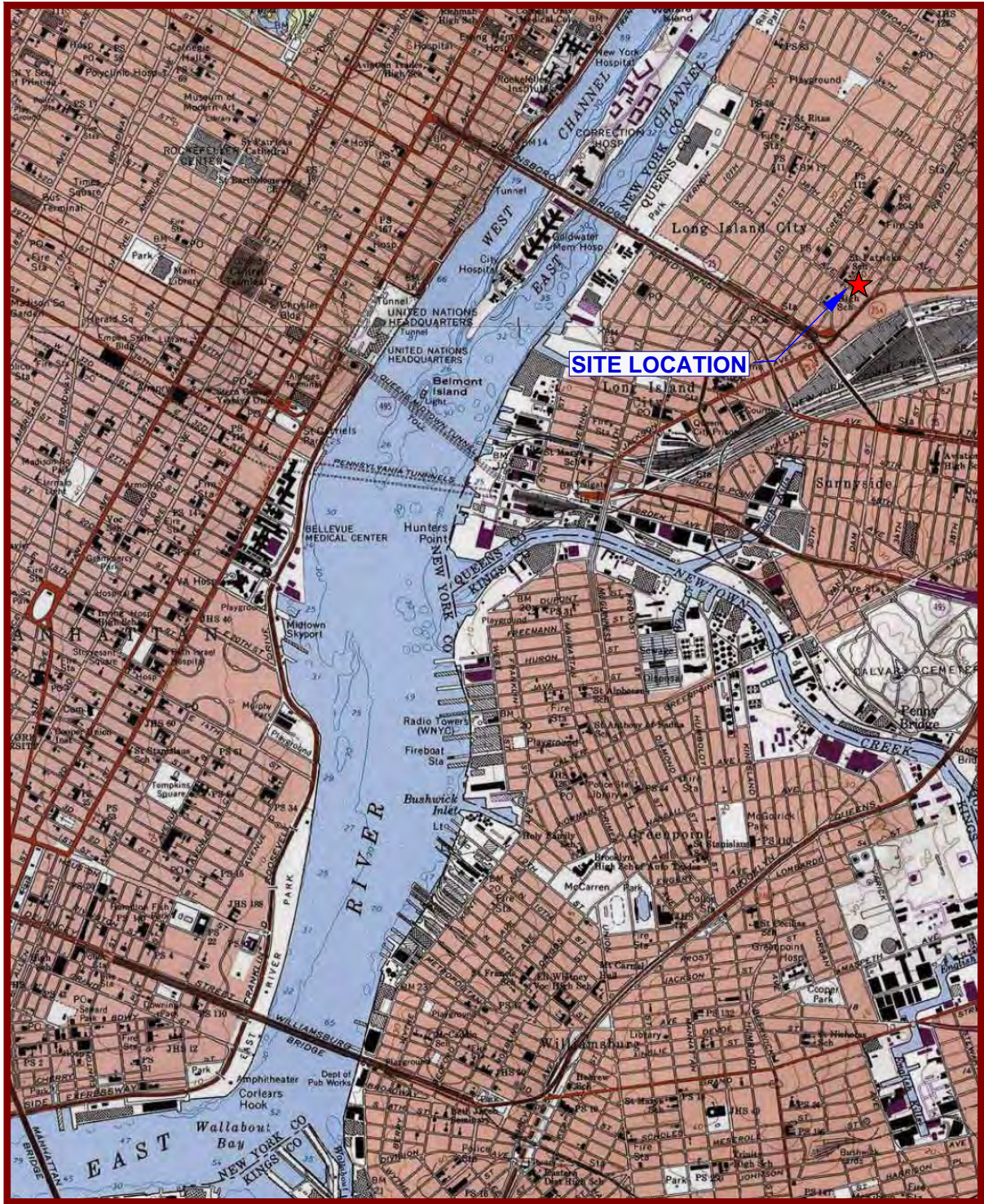
FIGURES



ENVIRONMENTAL BUSINESS CONSULTANTS

1808 MIDDLE COUNTRY ROAD
RIDGE, NY 11961

PHONE 631.504.6000
FAX 631.924.2870

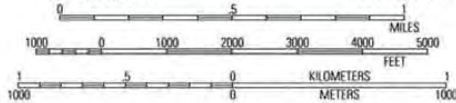


73°59.000' W

73°58.000' W

73°57.000' W

WGS84 73°56.000' W



MNI/TN
13°

05/04/11

USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet



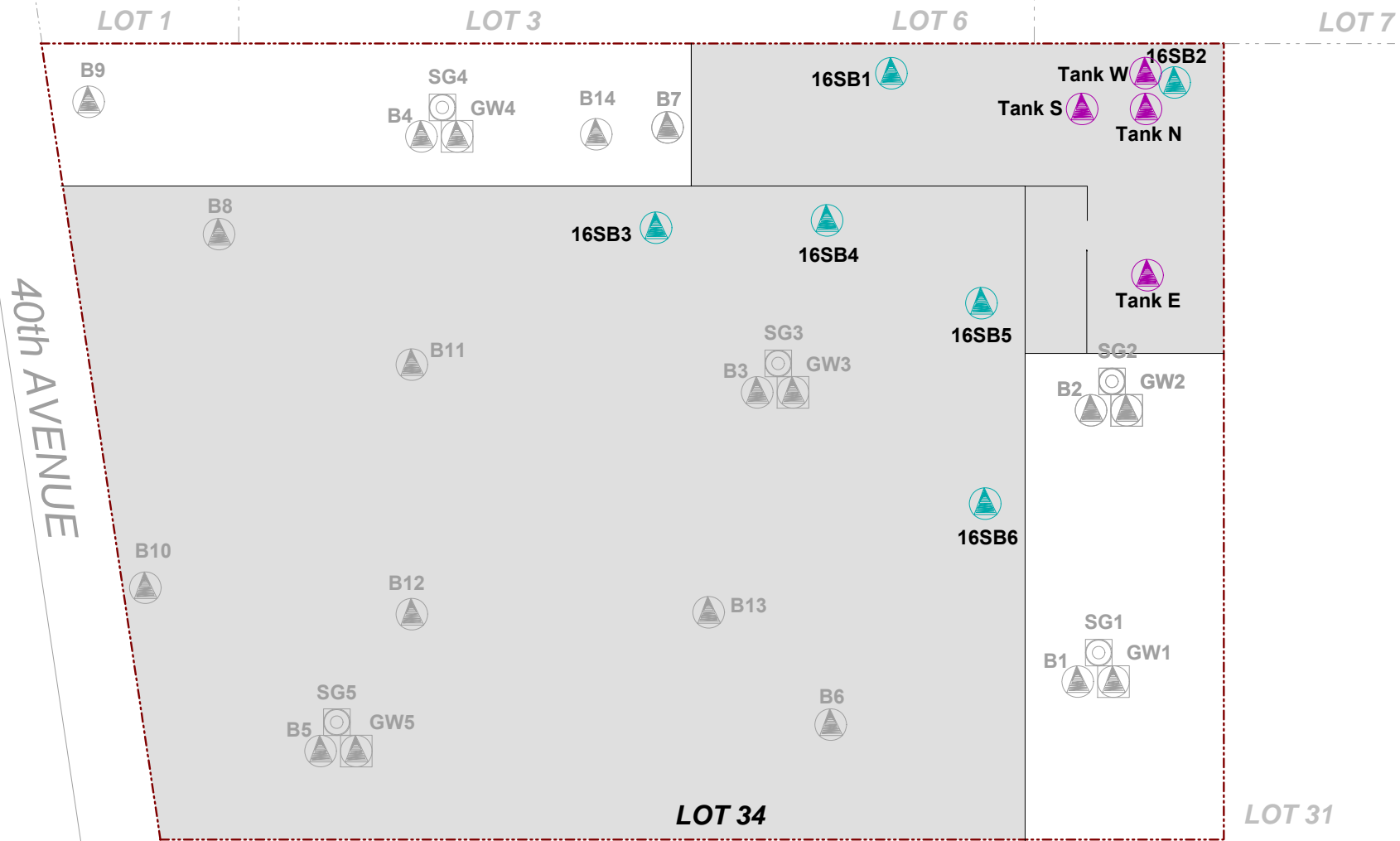
ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

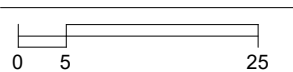
**39-40 30TH AVENUE
LONG ISLAND CITY, NY 11101**

FIGURE 1

SITE LOCATION MAP



SCALE:



1 Inch = 25 feet

KEY:

- Property Boundary
- Groundwater Sampling Location
- Soil Boring Location
- Soil Gas Sampling Location
- Existing 2-Story Building*
- 2016 Soil Boring Location
- Tank Soil Boring Location

30th STREET

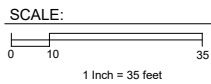
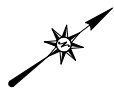
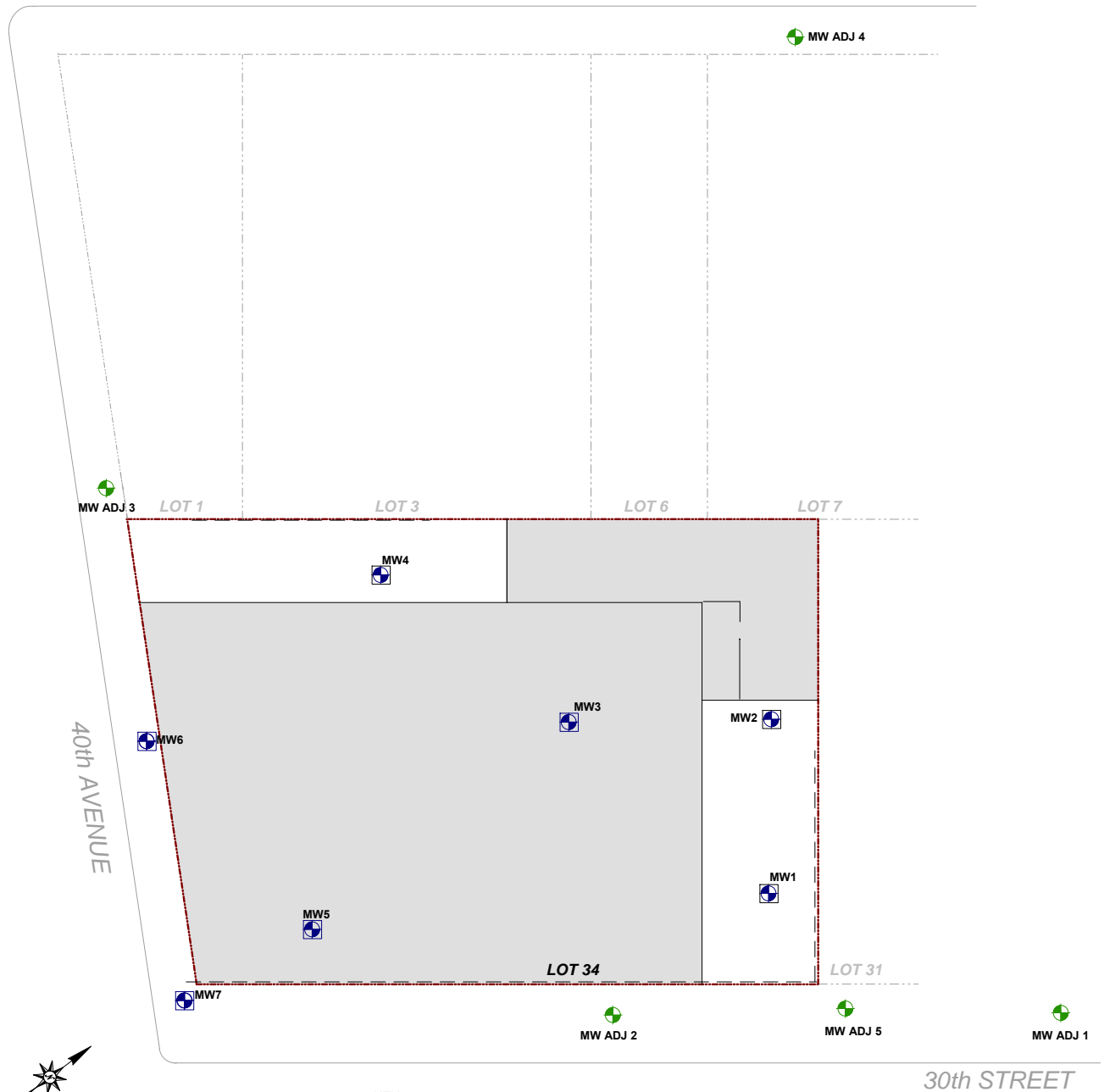
EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

Figure No.
2

Site Name: **FORMER UNION WIRE DIE SITE**
Site Address: **39-40 30TH STREET, LONG ISLAND CITY, NY**
Drawing Title: **SOIL BORING LOCATIONS MAP**



*Note - Existing and proposed building dimensions are approximated.

KEY:

	Property Boundary		Existing Building
	Monitoring Well		Adjacent Monitoring Well

Figure No.
3

Site Name:	FORMER UNION WIRE DIE SITE
Site Address:	39-40 30TH STREET, LONG ISLAND CITY, NY
Drawing Title:	GROUNDWATER SAMPLING LOCATIONS MAP



ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

16SB3 7/16/2016	
(0-2')	
Tetrachloroethene	2,400
Trichloroethene	19,000
(5-7')	
Tetrachloroethene	ND
Trichloroethene	1,000

16SB3 7/16/2016	
(10-12')	
Tetrachloroethene	ND
Trichloroethene	ND
(15-16')	
Tetrachloroethene	ND
Trichloroethene	ND

16SB4 7/16/2016	
(0-2')	
Tetrachloroethene	2,000
Trichloroethene	9,200
(5-7')	
Tetrachloroethene	ND
Trichloroethene	ND

16SB4 7/16/2016	
(10-12')	
Tetrachloroethene	ND
Trichloroethene	ND
(15-16')	
Tetrachloroethene	ND
Trichloroethene	ND

16SB1 7/16/2016	
(0-2')	
Tetrachloroethene	ND
Trichloroethene	520
(5-7')	
Tetrachloroethene	ND
Trichloroethene	ND

16SB1 7/16/2016	
(10-12')	
Tetrachloroethene	ND
Trichloroethene	ND
(15-17')	
Tetrachloroethene	ND
Trichloroethene	ND

Tank S 8/29/2016	
(12')	
Tetrachloroethene	ND
Trichloroethene	ND

Tank N 8/29/2016	
(12')	
Tetrachloroethene	ND
Trichloroethene	ND

Tank W 8/29/2016	
(12')	
Tetrachloroethene	ND
Trichloroethene	ND

Tank E 8/29/2016	
(12')	
Tetrachloroethene	ND
Trichloroethene	ND

16SB2 7/16/2016	
(0-2')	
Tetrachloroethene	6,300
Trichloroethene	ND
(5-7')	
Tetrachloroethene	ND
Trichloroethene	ND

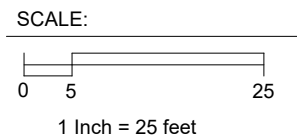
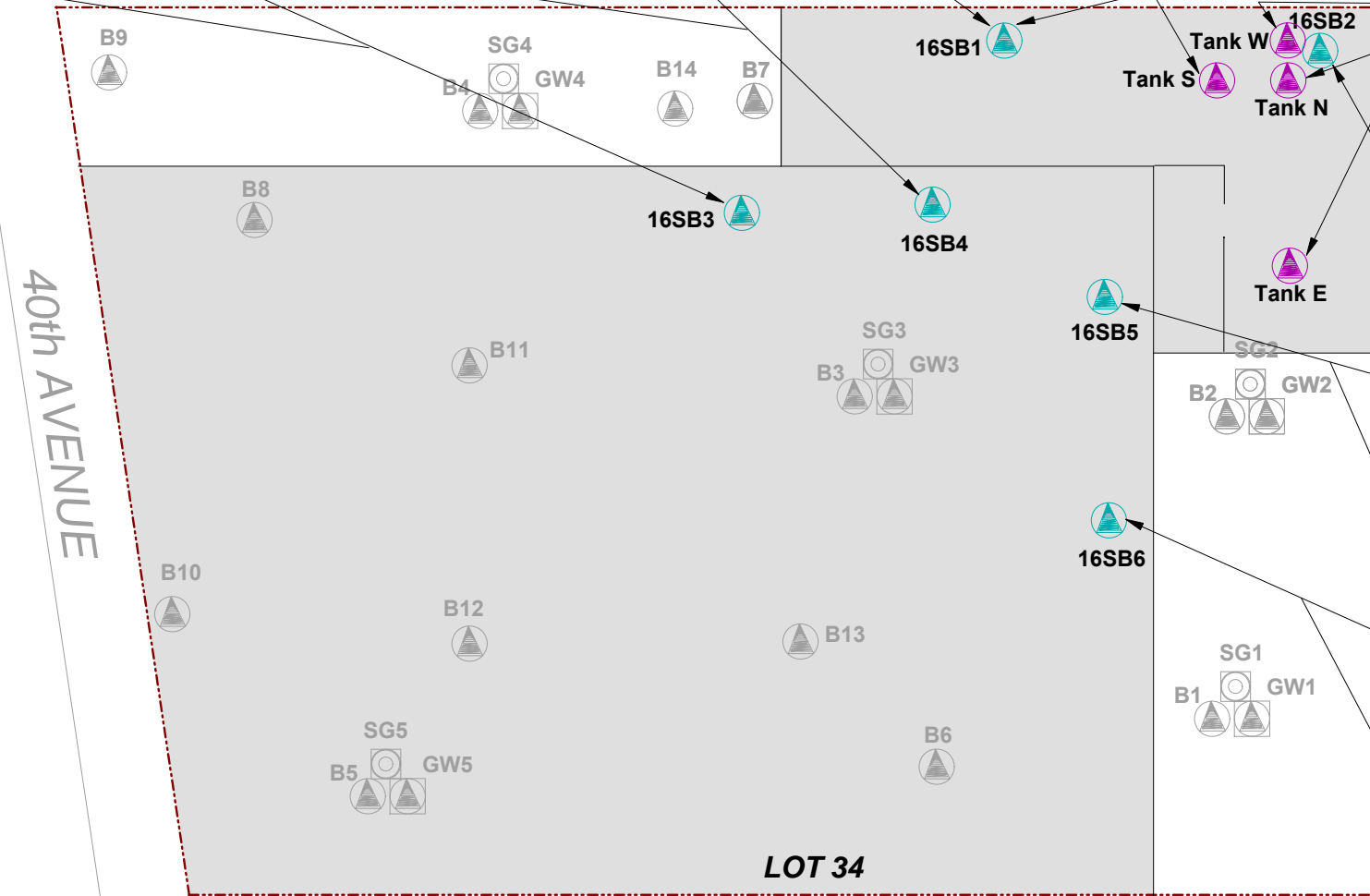
16SB2 7/16/2016	
(10-12')	
Tetrachloroethene	ND
Trichloroethene	ND
(15-16')	
Tetrachloroethene	ND
Trichloroethene	ND

16SB5 7/16/2016	
(0-2')	
Tetrachloroethene	1,320
Trichloroethene	4,800
(5-7')	
Tetrachloroethene	ND
Trichloroethene	ND

16SB5 7/16/2016	
(10-12')	
Tetrachloroethene	ND
Trichloroethene	ND

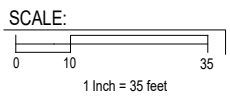
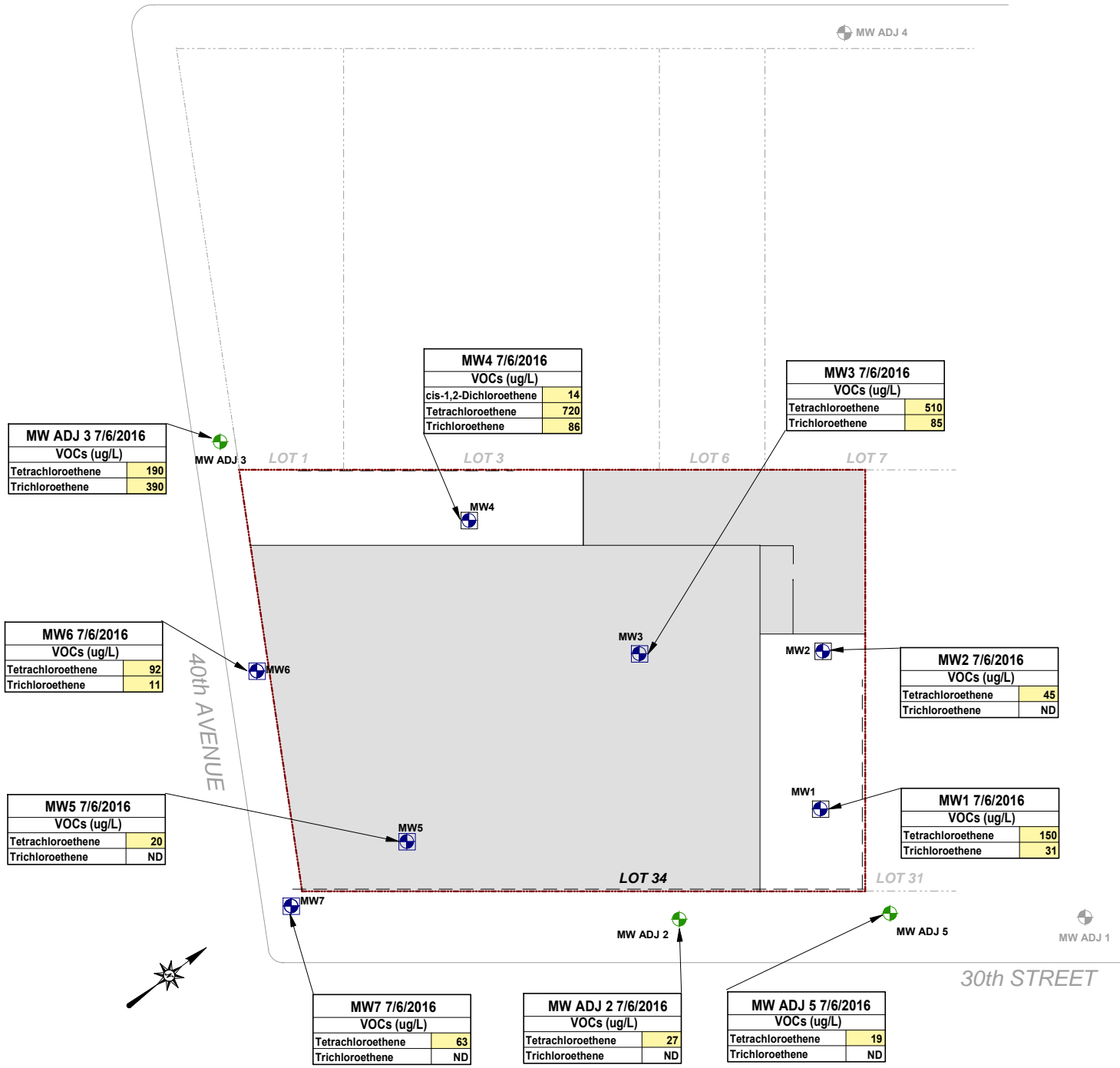
16SB6 7/16/2016	
(0-2')	
Tetrachloroethene	ND
Trichloroethene	ND
(5-7')	
Tetrachloroethene	ND
Trichloroethene	ND

16SB6 7/16/2016	
(10-12')	
Tetrachloroethene	ND
Trichloroethene	ND
(15-16')	
Tetrachloroethene	ND
Trichloroethene	ND



- KEY:
- Property Boundary
 - Groundwater Sampling Location
 - Soil Boring Location
 - Soil Gas Sampling Location
 - Exceedance of the NYSDEC UUSCO Guidance Value
 - Existing 2-Story Building*
 - 2016 Soil Boring Location
 - Tank Soil Boring Location
 - ND Not detected above UUSCO
- *Note - Existing building dimensions are approximated.

30th STREET



- KEY:
- Property Boundary
 - Monitoring Well
 - Existing Building
 - Adjacent Monitoring Well
 - Exceedance of the NYSDEC Groundwater Standard
 - ND - Not detected above NYSDEC Groundwater Standard
 - *Note - Existing and proposed building dimensions are approximated.



ENVIRONMENTAL BUSINESS CONSULTANTS

TABLES



ENVIRONMENTAL BUSINESS CONSULTANTS

1808 MIDDLE COUNTRY ROAD
RIDGE, NY 11961

PHONE 631.504.6000
FAX 631.924.2870

TABLE 2
39-40 30th Street,
Long Island City, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Tank N		Tank S		Tank E		Tank W	
			(12')		(12')		(12')		(12')	
			8/29/2016		8/29/2016		8/29/2016		8/29/2016	
			µg/Kg	RL	µg/Kg	RL	µg/Kg	RL	µg/Kg	RL
1,2,4,5-Tetrachlorobenzene			< 240	240	< 240	240	< 230	230	< 240	240
1,2,4-Trichlorobenzene			< 240	240	< 240	240	< 230	230	< 240	240
1,2-Dichlorobenzene			< 240	240	< 240	240	< 230	230	< 240	240
1,2-Diphenylhydrazine			< 240	240	< 240	240	< 230	230	< 240	240
1,3-Dichlorobenzene			< 240	240	< 240	240	< 230	230	< 240	240
1,4-Dichlorobenzene			< 240	240	< 240	240	< 230	230	< 240	240
2,4,5-Trichlorophenol			< 240	240	< 240	240	< 230	230	< 240	240
2,4,6-Trichlorophenol			< 170	170	< 170	170	< 160	160	< 170	170
2,4-Dichlorophenol			< 170	170	< 170	170	< 160	160	< 170	170
2,4-Dimethylphenol			< 240	240	< 240	240	< 230	230	< 240	240
2,4-Dinitrophenol			< 240	240	< 240	240	< 230	230	< 240	240
2,4-Dinitrotoluene			< 170	170	< 170	170	< 160	160	< 170	170
2,6-Dinitrotoluene			< 170	170	< 170	170	< 160	160	< 170	170
2-Chloronaphthalene			< 240	240	< 240	240	< 230	230	< 240	240
2-Chlorophenol			< 240	240	< 240	240	< 230	230	< 240	240
2-Methylnaphthalene			< 240	240	< 240	240	< 230	230	< 240	240
2-Methylphenol (o-cresol)	330	100,000	< 240	240	< 240	240	< 230	230	< 240	240
2-Nitroaniline			< 240	240	< 240	240	< 230	230	< 240	240
2-Nitrophenol			< 240	240	< 240	240	< 230	230	< 240	240
3&4-Methylphenol (m&p-cresol)	330	100,000	< 240	240	< 240	240	< 230	230	< 240	240
3,3'-Dichlorobenzidine			< 170	170	< 170	170	< 160	160	< 170	170
3-Nitroaniline			< 340	340	< 340	340	< 330	330	< 340	340
4,6-Dinitro-2-methylphenol			< 200	200	< 200	200	< 200	200	< 200	200
4-Bromophenyl phenyl ether			< 240	240	< 240	240	< 230	230	< 240	240
4-Chloro-3-methylphenol			< 240	240	< 240	240	< 230	230	< 240	240
4-Chloroaniline			< 270	270	< 270	270	< 260	260	< 270	270
4-Chlorophenyl phenyl ether			< 240	240	< 240	240	< 230	230	< 240	240
4-Nitroaniline			< 340	340	< 340	340	< 330	330	< 340	340
4-Nitrophenol			< 340	340	< 340	340	< 330	330	< 340	340
Acenaphthene	20,000	100,000	< 240	240	< 240	240	< 230	230	< 240	240
Acenaphthylene	100,000	100,000	< 240	240	< 240	240	< 230	230	< 240	240
Acetophenone			< 240	240	< 240	240	< 230	230	< 240	240
Aniline			< 270	270	< 270	270	< 260	260	< 270	270
Anthracene	100,000	100,000	< 240	240	< 240	240	< 230	230	< 240	240
Benz(a)anthracene	1,000	1,000	< 240	240	< 240	240	< 230	230	< 240	240
Benzidine			< 340	340	< 340	340	< 330	330	< 340	340
Benzo(a)pyrene	1,000	1,000	< 170	170	< 170	170	< 160	160	< 170	170
Benzo(b)fluoranthene	1,000	1,000	< 240	240	< 240	240	< 230	230	< 240	240
Benzo(ghi)perylene	100,000	100,000	< 240	240	< 240	240	< 230	230	< 240	240
Benzo(k)fluoranthene	800	3,900	< 240	240	< 240	240	< 230	230	< 240	240
Benzoic acid			< 1700	1,700	< 1700	1,700	< 1600	1,600	< 1700	1,700
Benzyl butyl phthalate			< 240	240	< 240	240	< 230	230	< 240	240
Bis(2-chloroethoxy)methane			< 240	240	< 240	240	< 230	230	< 240	240
Bis(2-chloroethyl)ether			< 170	170	< 170	170	< 160	160	< 170	170
Bis(2-chloroisopropyl)ether			< 240	240	< 240	240	< 230	230	< 240	240
Bis(2-ethylhexyl)phthalate			< 240	240	< 240	240	< 230	230	< 240	240
Carbazole			< 170	170	< 170	170	< 160	160	< 170	170
Chrysene	1,000	3,900	< 240	240	< 240	240	< 230	230	< 240	240
Dibenz(a,h)anthracene	330	330	< 170	170	< 170	170	< 160	160	< 170	170
Dibenzofuran	7,000	59,000	< 240	240	< 240	240	< 230	230	< 240	240
Diethyl phthalate			< 240	240	< 240	240	< 230	230	< 240	240
Dimethylphthalate			< 240	240	< 240	240	< 230	230	< 240	240
Di-n-butylphthalate			< 240	240	< 240	240	< 230	230	< 240	240
Di-n-octylphthalate			< 240	240	< 240	240	< 230	230	< 240	240
Fluoranthene	100,000	100,000	< 240	240	< 240	240	< 230	230	< 240	240
Fluorene	30,000	100,000	< 240	240	< 240	240	< 230	230	< 240	240
Hexachlorobenzene			< 170	170	< 170	170	< 160	160	< 170	170
Hexachlorobutadiene			< 240	240	< 240	240	< 230	230	< 240	240
Hexachlorocyclopentadiene			< 240	240	< 240	240	< 230	230	< 240	240
Hexachloroethane			< 170	170	< 170	170	< 160	160	< 170	170
Indeno(1,2,3-cd)pyrene	500	500	< 240	240	< 240	240	< 230	230	< 240	240
Isophorone			< 170	170	< 170	170	< 160	160	< 170	170
Naphthalene	12,000	100,000	< 240	240	< 240	240	< 230	230	< 240	240
Nitrobenzene			< 170	170	< 170	170	< 160	160	< 170	170
N-Nitrosodimethylamine			< 240	240	< 240	240	< 230	230	< 240	240
N-Nitrosodi-n-propylamine			< 170	170	< 170	170	< 160	160	< 170	170
N-Nitrosodiphenylamine			< 240	240	< 240	240	< 230	230	< 240	240
Pentachloronitrobenzene			< 240	240	< 240	240	< 230	230	< 240	240
Pentachlorophenol	800	6,700	< 200	200	< 200	200	< 200	200	< 200	200
Phenanthrene	100,000	100,000	< 240	240	< 240	240	< 230	230	< 240	240
Phenol	330	100,000	< 240	240	< 240	240	< 230	230	< 240	240
Pyrene	100,000	100,000	< 240	240	< 240	240	< 230	230	< 240	240
Pyridine			< 240	240	< 240	240	< 230	230	< 240	240

Notes:
 * - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
 RL - Reporting Limit
 Bold/highlighted - Indicated exceedance of the NYSDEC UUSCO Guidance Value
 Bold/highlighted - Indicated exceedance of the NYSDEC RRSO Guidance Value



ENVIRONMENTAL BUSINESS CONSULTANTS

APPENDIX A
BORING LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

1808 MIDDLE COUNTRY ROAD
RIDGE, NY 11961

PHONE 631.504.6000
FAX 631.924.2870

Geologic Boring Log Details



South Tank Boring Log

Location: Collected 8' from Lot 6 and 17'10" from Lot 31		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name:	Address:	Date	DTW
Former Union Wire Die Site	39-40 30th Street, Long Island City, NY	Ground Elevation	
Drilling Company: Brookside		Method: Geoprobe 420M	
Date Started: 8/29/2016		Date Completed: 8/29/2016	
Completion Depth: 12'		Geologist: Patrick Recio	
		Groundwater Depth	Well Specifications
		Not Detected	None

South Tank (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	8			2" - Concrete Rock 6" - Dark Brown Sand with Rocks and Brick (Fill)
	3				
	to	10			4" - Dark Brown Sand with Rocks 6" - Medium Brown Sand
	6				
	to	14			14" - Dark Brown/Brown Medium Sand
	9				
	to	36			12" - Dark Brown/Brown Medium Sand 24" - Light Brown Fine Sand
	12				<i>*Retained soil sample South Tank(12')</i>

Geologic Boring Log Details



West Tank Boring Log

Location: Collected 3'8" from Lot 6 and 9'10" from Lot 31		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Former Union Wire Die Site	Address: 39-40 30th Street, Long Island City, NY	Date	DTW
Drilling Company: Brookside		Groundwater Depth	
Method: Geoprobe 420M		Well Specifications	
Date Started: 8/29/2016	Date Completed: 8/29/2016	None	
Completion Depth: 12'	Geologist: Patrick Recio		

West Tank (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				4" - Concrete 4" - Dark Brown/Brown Coarse Sand with Rocks
	to	8			
	3				2" - Cave in, Concrete Material 22" - Light Brown Fine Sand
	to	24			
	6				30" - Brown Medium to Fine Sand
	to	30			
	9				<i>*Faint Turpentine Odor from Soil</i>
	to	36			18" - Brown Medium to Fine Sand 18" - Light Brown Fine Sand
	12				<i>*Faint Turpentine Odor from Soil</i> <i>*Retained soil sample West Tank(12')</i>

Geologic Boring Log Details



East Tank Boring Log

Location: Collected 9'6" from Garage Door and 9'10" from Lot 31		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: Former Union Wire Die Site	Address: 39-40 30th Street, Long Island City, NY	Date	DTW
Drilling Company: Brookside		Groundwater Depth	
Method: Geoprobe 420M		Well Specifications	
Date Started: 8/29/2016	Date Completed: 8/29/2016	None	
Completion Depth: 12'	Geologist: Patrick Recio		

East Tank (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	20			4" - Concrete Slab 16" - Dark Brown/Brown Coarse Sand with Rocks No Odor
	3				
	to	14			1" - Dark Brown/Brown Coarse Sand with Rocks 13" - Brown Medium/Fine Sand
	6				<i>*Faint Turpentine Odor from Soil</i>
	to	24			2" - Brown Medium/Fine Sand 10" - Brown Coarse Sand 12" - Light Brown Fine Sand
	9				<i>*Faint Turpentine Odor from Soil</i>
	to	30			30" - Fine Light Brown Sand
	12				<i>*Faint Turpentine Odor from Soil</i> <i>*Retained soil sample East Tank(12')</i>



ENVIRONMENTAL BUSINESS CONSULTANTS

APPENDIX B
LABORATORY REPORT



ENVIRONMENTAL BUSINESS CONSULTANTS

1808 MIDDLE COUNTRY ROAD
RIDGE, NY 11961

PHONE 631.504.6000
FAX 631.924.2870



Tuesday, September 13, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST., QUEENS
Sample ID#s: BV00495 - BV00499

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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 ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 39-40 30TH ST., QUEENS
Laboratory Project: GBV00495



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

September 13, 2016

SDG I.D.: GBV00495

Environmental Business Consultants 39-40 30TH ST., QUEENS

Methodology Summary

Volatiles

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update V, Method 8260C and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.

Accelerated Solvent Extraction (ASE)

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 3545A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8270D.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
TANK N 12 FT	BV00495	SOIL
TANK S 12 FT	BV00496	SOIL
TANK E 12 FT	BV00497	SOIL
TANK W 12 FT	BV00498	SOIL
TRIP BLANK LOW	BV00499	SOIL



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NY Analytical Services Protocol Format

September 13, 2016

SDG I.D.: GBV00495

Environmental Business Consultants 39-40 30TH ST., QUEENS

Laboratory Chronicle

The samples in this delivery group were received at 4°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BV00495	1,4-dioxane	08/29/16	09/01/16	09/01/16	JLI	Y
BV00495	Field Extraction	08/29/16	08/29/16	08/29/16		Y
BV00495	Percent Solid	08/29/16	08/30/16	08/30/16	W	Y
BV00495	Semivolatiles	08/29/16	08/30/16	08/31/16	DD	Y
BV00495	Volatiles	08/29/16	09/01/16	09/01/16	JLI	Y
BV00495	Volatiles	08/29/16	09/01/16	09/01/16	JLI	Y
BV00496	1,4-dioxane	08/29/16	09/01/16	09/01/16	JLI	Y
BV00496	Field Extraction	08/29/16	08/29/16	08/29/16		Y
BV00496	Percent Solid	08/29/16	08/30/16	08/30/16	W	Y
BV00496	Semivolatiles	08/29/16	08/30/16	08/31/16	DD	Y
BV00496	Volatiles	08/29/16	09/01/16	09/01/16	JLI	Y
BV00496	Volatiles	08/29/16	09/01/16	09/01/16	JLI	Y
BV00497	1,4-dioxane	08/29/16	09/01/16	09/01/16	JLI	Y
BV00497	Field Extraction	08/29/16	08/29/16	08/29/16		Y
BV00497	Percent Solid	08/29/16	08/30/16	08/30/16	W	Y
BV00497	Semivolatiles	08/29/16	08/30/16	08/31/16	DD	Y
BV00497	Volatiles	08/29/16	09/01/16	09/01/16	JLI	Y
BV00497	Volatiles	08/29/16	09/01/16	09/01/16	JLI	Y
BV00498	1,4-dioxane	08/29/16	09/01/16	09/01/16	JLI	Y
BV00498	Field Extraction	08/29/16	08/29/16	08/29/16		Y
BV00498	Percent Solid	08/29/16	08/30/16	08/30/16	W	Y
BV00498	Semivolatiles	08/29/16	08/30/16	08/31/16	DD	Y
BV00498	Volatiles	08/29/16	09/01/16	09/01/16	JLI	Y
BV00498	Volatiles	08/29/16	09/01/16	09/01/16	JLI	Y
BV00499	1,4-dioxane	08/29/16	09/01/16	09/01/16	JLI	Y
BV00499	Field Extraction	08/29/16	08/29/16	08/29/16		Y
BV00499	Volatiles	08/29/16	09/01/16	09/01/16	JLI	Y
BV00499	Volatiles	08/29/16	09/01/16	09/01/16	JLI	Y
BV00500	Field Extraction	08/29/16	08/29/16	08/29/16		Y
BV00500	On Hold	08/29/16				Y



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Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

September 13, 2016

SDG I.D.: GBV00495

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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

Analysis Report
 September 13, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 08/29/16
 08/30/16 17:41

Laboratory Data

SDG ID: GBV00495
 Phoenix ID: BV00495

Project ID: 39-40 30TH ST., QUEENS
 Client ID: TANK N 12 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	97			%		08/30/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					08/30/16	QJ/CKV	SW3545A
Field Extraction	Completed					08/29/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
1,1-Dichloroethene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
2-Chlorotoluene	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
2-Hexanone	ND	21	4.2	ug/Kg	1	09/01/16	JLI	SW8260C

Client ID: TANK N 12 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
4-Chlorotoluene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	21	4.2	ug/Kg	1	09/01/16	JLI	SW8260C
Acetone	ND	21	4.2	ug/Kg	1	09/01/16	JLI	SW8260C
Acrylonitrile	ND	8.4	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
Benzene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
Bromobenzene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
Bromochloromethane	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
Bromodichloromethane	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
Bromoform	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
Bromomethane	ND	4.2	1.7	ug/Kg	1	09/01/16	JLI	SW8260C
Carbon Disulfide	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
Carbon tetrachloride	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
Chlorobenzene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
Chloroethane	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
Chloroform	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
Chloromethane	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
Dibromochloromethane	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
Dibromomethane	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
Ethylbenzene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
Isopropylbenzene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
m&p-Xylene	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	25	4.2	ug/Kg	1	09/01/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.4	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
Methylene chloride	ND	4.2	4.2	ug/Kg	1	09/01/16	JLI	SW8260C
Naphthalene	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
n-Butylbenzene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
n-Propylbenzene	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
o-Xylene	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
sec-Butylbenzene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
Styrene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
tert-Butylbenzene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
Tetrachloroethene	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.4	2.1	ug/Kg	1	09/01/16	JLI	SW8260C
Toluene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.4	2.1	ug/Kg	1	09/01/16	JLI	SW8260C
Trichloroethene	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.2	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
Vinyl chloride	ND	4.2	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	93			%	1	09/01/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	103			%	1	09/01/16	JLI	70 - 130 %
% Dibromofluoromethane	104			%	1	09/01/16	JLI	70 - 130 %
% Toluene-d8	93			%	1	09/01/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	63	33	ug/kg	1	09/01/16	JLI	SW8260C
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	17	0.84	ug/Kg	1	09/01/16	JLI	SW8260C
Acrolein	ND	17	2.1	ug/Kg	1	09/01/16	JLI	SW8260C
Acrylonitrile	ND	17	0.42	ug/Kg	1	09/01/16	JLI	SW8260C
Tert-butyl alcohol	ND	84	17	ug/Kg	1	09/01/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	08/31/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
1,2-Dichlorobenzene	ND	240	96	ug/Kg	1	08/31/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	08/31/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	08/31/16	DD	SW8270D
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	08/31/16	DD	SW8270D
2,4-Dimethylphenol	ND	240	85	ug/Kg	1	08/31/16	DD	SW8270D
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	08/31/16	DD	SW8270D
2,4-Dinitrotoluene	ND	170	130	ug/Kg	1	08/31/16	DD	SW8270D
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	08/31/16	DD	SW8270D
2-Chloronaphthalene	ND	240	97	ug/Kg	1	08/31/16	DD	SW8270D
2-Chlorophenol	ND	240	97	ug/Kg	1	08/31/16	DD	SW8270D
2-Methylnaphthalene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	08/31/16	DD	SW8270D
2-Nitroaniline	ND	240	240	ug/Kg	1	08/31/16	DD	SW8270D
2-Nitrophenol	ND	240	220	ug/Kg	1	08/31/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	240	130	ug/Kg	1	08/31/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	170	160	ug/Kg	1	08/31/16	DD	SW8270D
3-Nitroaniline	ND	340	680	ug/Kg	1	08/31/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	200	68	ug/Kg	1	08/31/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	1	08/31/16	DD	SW8270D
4-Chloroaniline	ND	270	160	ug/Kg	1	08/31/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
4-Nitroaniline	ND	340	110	ug/Kg	1	08/31/16	DD	SW8270D
4-Nitrophenol	ND	340	150	ug/Kg	1	08/31/16	DD	SW8270D
Acenaphthene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
Acenaphthylene	ND	240	96	ug/Kg	1	08/31/16	DD	SW8270D
Acetophenone	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Aniline	ND	270	270	ug/Kg	1	08/31/16	DD	SW8270D
Anthracene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Benz(a)anthracene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzidine	ND	340	200	ug/Kg	1	08/31/16	DD	SW8270D

Client ID: TANK N 12 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(a)pyrene	ND	170	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzo(b)fluoranthene	ND	240	120	ug/Kg	1	08/31/16	DD	SW8270D
Benzo(ghi)perylene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzo(k)fluoranthene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzoic acid	ND	1700	680	ug/Kg	1	08/31/16	DD	SW8270D
Benzyl butyl phthalate	ND	240	88	ug/Kg	1	08/31/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	240	94	ug/Kg	1	08/31/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	170	92	ug/Kg	1	08/31/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	240	95	ug/Kg	1	08/31/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	240	98	ug/Kg	1	08/31/16	DD	SW8270D
Carbazole	ND	170	140	ug/Kg	1	08/31/16	DD	SW8270D
Chrysene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	170	110	ug/Kg	1	08/31/16	DD	SW8270D
Dibenzofuran	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
Diethyl phthalate	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Dimethylphthalate	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Di-n-butylphthalate	ND	240	91	ug/Kg	1	08/31/16	DD	SW8270D
Di-n-octylphthalate	ND	240	88	ug/Kg	1	08/31/16	DD	SW8270D
Fluoranthene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Fluorene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Hexachlorobenzene	ND	170	100	ug/Kg	1	08/31/16	DD	SW8270D
Hexachlorobutadiene	ND	240	120	ug/Kg	1	08/31/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
Hexachloroethane	ND	170	100	ug/Kg	1	08/31/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Isophorone	ND	170	96	ug/Kg	1	08/31/16	DD	SW8270D
Naphthalene	ND	240	98	ug/Kg	1	08/31/16	DD	SW8270D
Nitrobenzene	ND	170	120	ug/Kg	1	08/31/16	DD	SW8270D
N-Nitrosodimethylamine	ND	240	96	ug/Kg	1	08/31/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	170	110	ug/Kg	1	08/31/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	08/31/16	DD	SW8270D
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	08/31/16	DD	SW8270D
Pentachlorophenol	ND	200	130	ug/Kg	1	08/31/16	DD	SW8270D
Phenanthrene	ND	240	98	ug/Kg	1	08/31/16	DD	SW8270D
Phenol	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Pyrene	ND	240	120	ug/Kg	1	08/31/16	DD	SW8270D
Pyridine	ND	240	84	ug/Kg	1	08/31/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	77			%	1	08/31/16	DD	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	08/31/16	DD	30 - 130 %
% 2-Fluorophenol	63			%	1	08/31/16	DD	30 - 130 %
% Nitrobenzene-d5	63			%	1	08/31/16	DD	30 - 130 %
% Phenol-d5	68			%	1	08/31/16	DD	30 - 130 %
% Terphenyl-d14	76			%	1	08/31/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

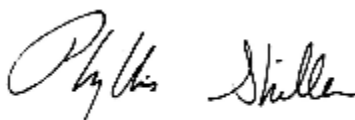
Comments:

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.

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

September 13, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 September 13, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time

08/29/16
 08/30/16 17:41

Laboratory Data

SDG ID: GBV00495
 Phoenix ID: BV00496

Project ID: 39-40 30TH ST., QUEENS
 Client ID: TANK S 12 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	96			%		08/30/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					08/30/16	QJ/CKV	SW3545A
Field Extraction	Completed					08/29/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
2-Chlorotoluene	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
2-Hexanone	ND	19	3.8	ug/Kg	1	09/01/16	JLI	SW8260C

Client ID: TANK S 12 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
4-Chlorotoluene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	19	3.8	ug/Kg	1	09/01/16	JLI	SW8260C
Acetone	ND	19	3.8	ug/Kg	1	09/01/16	JLI	SW8260C
Acrylonitrile	ND	7.6	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
Benzene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
Bromobenzene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
Bromochloromethane	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
Bromodichloromethane	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
Bromoform	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
Bromomethane	ND	3.8	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
Carbon Disulfide	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
Carbon tetrachloride	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
Chlorobenzene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
Chloroethane	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
Chloroform	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
Chloromethane	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
Dibromochloromethane	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
Dibromomethane	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
Ethylbenzene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
Isopropylbenzene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
m&p-Xylene	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	23	3.8	ug/Kg	1	09/01/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.6	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
Methylene chloride	ND	3.8	3.8	ug/Kg	1	09/01/16	JLI	SW8260C
Naphthalene	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
n-Butylbenzene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
n-Propylbenzene	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
o-Xylene	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
sec-Butylbenzene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
Styrene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
tert-Butylbenzene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
Tetrachloroethene	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.6	1.9	ug/Kg	1	09/01/16	JLI	SW8260C
Toluene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.6	1.9	ug/Kg	1	09/01/16	JLI	SW8260C
Trichloroethene	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.8	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
Vinyl chloride	ND	3.8	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	09/01/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	105			%	1	09/01/16	JLI	70 - 130 %
% Dibromofluoromethane	104			%	1	09/01/16	JLI	70 - 130 %
% Toluene-d8	93			%	1	09/01/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	57	30	ug/kg	1	09/01/16	JLI	SW8260C
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	15	0.76	ug/Kg	1	09/01/16	JLI	SW8260C
Acrolein	ND	15	1.9	ug/Kg	1	09/01/16	JLI	SW8260C
Acrylonitrile	ND	15	0.38	ug/Kg	1	09/01/16	JLI	SW8260C
Tert-butyl alcohol	ND	76	15	ug/Kg	1	09/01/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	08/31/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
1,2-Dichlorobenzene	ND	240	96	ug/Kg	1	08/31/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	08/31/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	08/31/16	DD	SW8270D
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	08/31/16	DD	SW8270D
2,4-Dimethylphenol	ND	240	84	ug/Kg	1	08/31/16	DD	SW8270D
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	08/31/16	DD	SW8270D
2,4-Dinitrotoluene	ND	170	130	ug/Kg	1	08/31/16	DD	SW8270D
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	08/31/16	DD	SW8270D
2-Chloronaphthalene	ND	240	97	ug/Kg	1	08/31/16	DD	SW8270D
2-Chlorophenol	ND	240	97	ug/Kg	1	08/31/16	DD	SW8270D
2-Methylnaphthalene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	08/31/16	DD	SW8270D
2-Nitroaniline	ND	240	240	ug/Kg	1	08/31/16	DD	SW8270D
2-Nitrophenol	ND	240	220	ug/Kg	1	08/31/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	240	130	ug/Kg	1	08/31/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	170	160	ug/Kg	1	08/31/16	DD	SW8270D
3-Nitroaniline	ND	340	680	ug/Kg	1	08/31/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	200	68	ug/Kg	1	08/31/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	1	08/31/16	DD	SW8270D
4-Chloroaniline	ND	270	160	ug/Kg	1	08/31/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
4-Nitroaniline	ND	340	110	ug/Kg	1	08/31/16	DD	SW8270D
4-Nitrophenol	ND	340	150	ug/Kg	1	08/31/16	DD	SW8270D
Acenaphthene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
Acenaphthylene	ND	240	95	ug/Kg	1	08/31/16	DD	SW8270D
Acetophenone	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Aniline	ND	270	270	ug/Kg	1	08/31/16	DD	SW8270D
Anthracene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Benz(a)anthracene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzidine	ND	340	200	ug/Kg	1	08/31/16	DD	SW8270D

Client ID: TANK S 12 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(a)pyrene	ND	170	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzo(b)fluoranthene	ND	240	120	ug/Kg	1	08/31/16	DD	SW8270D
Benzo(ghi)perylene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzo(k)fluoranthene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzoic acid	ND	1700	680	ug/Kg	1	08/31/16	DD	SW8270D
Benzyl butyl phthalate	ND	240	88	ug/Kg	1	08/31/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	240	94	ug/Kg	1	08/31/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	170	92	ug/Kg	1	08/31/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	240	95	ug/Kg	1	08/31/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	240	98	ug/Kg	1	08/31/16	DD	SW8270D
Carbazole	ND	170	140	ug/Kg	1	08/31/16	DD	SW8270D
Chrysene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	170	110	ug/Kg	1	08/31/16	DD	SW8270D
Dibenzofuran	ND	240	99	ug/Kg	1	08/31/16	DD	SW8270D
Diethyl phthalate	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Dimethylphthalate	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Di-n-butylphthalate	ND	240	91	ug/Kg	1	08/31/16	DD	SW8270D
Di-n-octylphthalate	ND	240	88	ug/Kg	1	08/31/16	DD	SW8270D
Fluoranthene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Fluorene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Hexachlorobenzene	ND	170	99	ug/Kg	1	08/31/16	DD	SW8270D
Hexachlorobutadiene	ND	240	120	ug/Kg	1	08/31/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
Hexachloroethane	ND	170	100	ug/Kg	1	08/31/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Isophorone	ND	170	95	ug/Kg	1	08/31/16	DD	SW8270D
Naphthalene	ND	240	98	ug/Kg	1	08/31/16	DD	SW8270D
Nitrobenzene	ND	170	120	ug/Kg	1	08/31/16	DD	SW8270D
N-Nitrosodimethylamine	ND	240	96	ug/Kg	1	08/31/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	170	110	ug/Kg	1	08/31/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	08/31/16	DD	SW8270D
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	08/31/16	DD	SW8270D
Pentachlorophenol	ND	200	130	ug/Kg	1	08/31/16	DD	SW8270D
Phenanthrene	ND	240	97	ug/Kg	1	08/31/16	DD	SW8270D
Phenol	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Pyrene	ND	240	120	ug/Kg	1	08/31/16	DD	SW8270D
Pyridine	ND	240	84	ug/Kg	1	08/31/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	78			%	1	08/31/16	DD	30 - 130 %
% 2-Fluorobiphenyl	67			%	1	08/31/16	DD	30 - 130 %
% 2-Fluorophenol	64			%	1	08/31/16	DD	30 - 130 %
% Nitrobenzene-d5	67			%	1	08/31/16	DD	30 - 130 %
% Phenol-d5	68			%	1	08/31/16	DD	30 - 130 %
% Terphenyl-d14	76			%	1	08/31/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

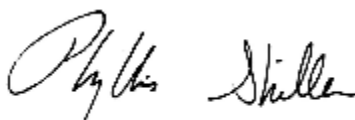
Comments:

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.

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

September 13, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 September 13, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 08/29/16
 08/30/16 17:41

Laboratory Data

SDG ID: GBV00495
 Phoenix ID: BV00497

Project ID: 39-40 30TH ST., QUEENS
 Client ID: TANK E 12 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	99			%		08/30/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					08/30/16	QJ/CKV	SW3545A
Field Extraction	Completed					08/29/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
1,1-Dichloroethane	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
1,1-Dichloroethene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
1,1-Dichloropropene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dibromoethane	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dichloroethane	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dichloropropane	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
1,3-Dichloropropane	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
2,2-Dichloropropane	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
2-Chlorotoluene	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
2-Hexanone	ND	37	7.3	ug/Kg	1	09/01/16	JLI	SW8260C

Client ID: TANK E 12 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
4-Chlorotoluene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	37	7.3	ug/Kg	1	09/01/16	JLI	SW8260C
Acetone	ND	37	7.3	ug/Kg	1	09/01/16	JLI	SW8260C
Acrylonitrile	ND	15	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
Benzene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
Bromobenzene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
Bromochloromethane	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
Bromodichloromethane	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
Bromoform	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
Bromomethane	ND	7.3	2.9	ug/Kg	1	09/01/16	JLI	SW8260C
Carbon Disulfide	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
Carbon tetrachloride	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
Chlorobenzene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
Chloroethane	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
Chloroform	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
Chloromethane	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
Dibromochloromethane	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
Dibromomethane	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
Dichlorodifluoromethane	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
Ethylbenzene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
Hexachlorobutadiene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
Isopropylbenzene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
m&p-Xylene	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	44	7.3	ug/Kg	1	09/01/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	15	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
Methylene chloride	ND	7.3	7.3	ug/Kg	1	09/01/16	JLI	SW8260C
Naphthalene	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
n-Butylbenzene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
n-Propylbenzene	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
o-Xylene	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
p-Isopropyltoluene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
sec-Butylbenzene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
Styrene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
tert-Butylbenzene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
Tetrachloroethene	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	15	3.7	ug/Kg	1	09/01/16	JLI	SW8260C
Toluene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	15	3.7	ug/Kg	1	09/01/16	JLI	SW8260C
Trichloroethene	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
Trichlorofluoromethane	ND	7.3	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
Vinyl chloride	ND	7.3	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	09/01/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	103			%	1	09/01/16	JLI	70 - 130 %
% Dibromofluoromethane	105			%	1	09/01/16	JLI	70 - 130 %
% Toluene-d8	91			%	1	09/01/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	59	ug/kg	1	09/01/16	JLI	SW8260C
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	29	1.5	ug/Kg	1	09/01/16	JLI	SW8260C
Acrolein	ND	29	3.7	ug/Kg	1	09/01/16	JLI	SW8260C
Acrylonitrile	ND	29	0.73	ug/Kg	1	09/01/16	JLI	SW8260C
Tert-butyl alcohol	ND	150	29	ug/Kg	1	09/01/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	230	120	ug/Kg	1	08/31/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	230	99	ug/Kg	1	08/31/16	DD	SW8270D
1,2-Dichlorobenzene	ND	230	92	ug/Kg	1	08/31/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	230	110	ug/Kg	1	08/31/16	DD	SW8270D
1,3-Dichlorobenzene	ND	230	97	ug/Kg	1	08/31/16	DD	SW8270D
1,4-Dichlorobenzene	ND	230	97	ug/Kg	1	08/31/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	230	180	ug/Kg	1	08/31/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	160	100	ug/Kg	1	08/31/16	DD	SW8270D
2,4-Dichlorophenol	ND	160	120	ug/Kg	1	08/31/16	DD	SW8270D
2,4-Dimethylphenol	ND	230	81	ug/Kg	1	08/31/16	DD	SW8270D
2,4-Dinitrophenol	ND	230	230	ug/Kg	1	08/31/16	DD	SW8270D
2,4-Dinitrotoluene	ND	160	130	ug/Kg	1	08/31/16	DD	SW8270D
2,6-Dinitrotoluene	ND	160	100	ug/Kg	1	08/31/16	DD	SW8270D
2-Chloronaphthalene	ND	230	93	ug/Kg	1	08/31/16	DD	SW8270D
2-Chlorophenol	ND	230	93	ug/Kg	1	08/31/16	DD	SW8270D
2-Methylnaphthalene	ND	230	98	ug/Kg	1	08/31/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	230	150	ug/Kg	1	08/31/16	DD	SW8270D
2-Nitroaniline	ND	230	230	ug/Kg	1	08/31/16	DD	SW8270D
2-Nitrophenol	ND	230	210	ug/Kg	1	08/31/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	230	130	ug/Kg	1	08/31/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	160	150	ug/Kg	1	08/31/16	DD	SW8270D
3-Nitroaniline	ND	330	650	ug/Kg	1	08/31/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	200	65	ug/Kg	1	08/31/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	230	96	ug/Kg	1	08/31/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	230	120	ug/Kg	1	08/31/16	DD	SW8270D
4-Chloroaniline	ND	260	150	ug/Kg	1	08/31/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	230	110	ug/Kg	1	08/31/16	DD	SW8270D
4-Nitroaniline	ND	330	110	ug/Kg	1	08/31/16	DD	SW8270D
4-Nitrophenol	ND	330	150	ug/Kg	1	08/31/16	DD	SW8270D
Acenaphthene	ND	230	100	ug/Kg	1	08/31/16	DD	SW8270D
Acenaphthylene	ND	230	92	ug/Kg	1	08/31/16	DD	SW8270D
Acetophenone	ND	230	100	ug/Kg	1	08/31/16	DD	SW8270D
Aniline	ND	260	260	ug/Kg	1	08/31/16	DD	SW8270D
Anthracene	ND	230	110	ug/Kg	1	08/31/16	DD	SW8270D
Benz(a)anthracene	ND	230	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzidine	ND	330	190	ug/Kg	1	08/31/16	DD	SW8270D

Client ID: TANK E 12 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(a)pyrene	ND	160	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzo(b)fluoranthene	ND	230	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzo(ghi)perylene	ND	230	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzo(k)fluoranthene	ND	230	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzoic acid	ND	1600	650	ug/Kg	1	08/31/16	DD	SW8270D
Benzyl butyl phthalate	ND	230	84	ug/Kg	1	08/31/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	230	90	ug/Kg	1	08/31/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	160	88	ug/Kg	1	08/31/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	230	91	ug/Kg	1	08/31/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	230	94	ug/Kg	1	08/31/16	DD	SW8270D
Carbazole	ND	160	130	ug/Kg	1	08/31/16	DD	SW8270D
Chrysene	ND	230	110	ug/Kg	1	08/31/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	160	110	ug/Kg	1	08/31/16	DD	SW8270D
Dibenzofuran	ND	230	96	ug/Kg	1	08/31/16	DD	SW8270D
Diethyl phthalate	ND	230	100	ug/Kg	1	08/31/16	DD	SW8270D
Dimethylphthalate	ND	230	100	ug/Kg	1	08/31/16	DD	SW8270D
Di-n-butylphthalate	ND	230	87	ug/Kg	1	08/31/16	DD	SW8270D
Di-n-octylphthalate	ND	230	84	ug/Kg	1	08/31/16	DD	SW8270D
Fluoranthene	ND	230	110	ug/Kg	1	08/31/16	DD	SW8270D
Fluorene	ND	230	110	ug/Kg	1	08/31/16	DD	SW8270D
Hexachlorobenzene	ND	160	96	ug/Kg	1	08/31/16	DD	SW8270D
Hexachlorobutadiene	ND	230	120	ug/Kg	1	08/31/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	230	100	ug/Kg	1	08/31/16	DD	SW8270D
Hexachloroethane	ND	160	98	ug/Kg	1	08/31/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	230	110	ug/Kg	1	08/31/16	DD	SW8270D
Isophorone	ND	160	92	ug/Kg	1	08/31/16	DD	SW8270D
Naphthalene	ND	230	94	ug/Kg	1	08/31/16	DD	SW8270D
Nitrobenzene	ND	160	110	ug/Kg	1	08/31/16	DD	SW8270D
N-Nitrosodimethylamine	ND	230	92	ug/Kg	1	08/31/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	160	110	ug/Kg	1	08/31/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	230	130	ug/Kg	1	08/31/16	DD	SW8270D
Pentachloronitrobenzene	ND	230	120	ug/Kg	1	08/31/16	DD	SW8270D
Pentachlorophenol	ND	200	120	ug/Kg	1	08/31/16	DD	SW8270D
Phenanthrene	ND	230	94	ug/Kg	1	08/31/16	DD	SW8270D
Phenol	ND	230	100	ug/Kg	1	08/31/16	DD	SW8270D
Pyrene	ND	230	110	ug/Kg	1	08/31/16	DD	SW8270D
Pyridine	ND	230	81	ug/Kg	1	08/31/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	69			%	1	08/31/16	DD	30 - 130 %
% 2-Fluorobiphenyl	62			%	1	08/31/16	DD	30 - 130 %
% 2-Fluorophenol	61			%	1	08/31/16	DD	30 - 130 %
% Nitrobenzene-d5	64			%	1	08/31/16	DD	30 - 130 %
% Phenol-d5	65			%	1	08/31/16	DD	30 - 130 %
% Terphenyl-d14	69			%	1	08/31/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

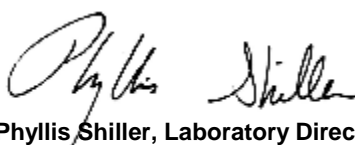
Comments:

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.

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

September 13, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 September 13, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time

08/29/16
 08/30/16 17:41

Laboratory Data

SDG ID: GBV00495
 Phoenix ID: BV00498

Project ID: 39-40 30TH ST., QUEENS
 Client ID: TANK W 12 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	98			%		08/30/16	W	SW846-%Solid
Soil Extraction for SVOA	Completed					08/30/16	QJ/CKV	SW3545A
Field Extraction	Completed					08/29/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
2-Chlorotoluene	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
2-Hexanone	ND	18	3.6	ug/Kg	1	09/01/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
4-Chlorotoluene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	18	3.6	ug/Kg	1	09/01/16	JLI	SW8260C
Acetone	ND	18	3.6	ug/Kg	1	09/01/16	JLI	SW8260C
Acrylonitrile	ND	7.1	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
Benzene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
Bromobenzene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
Bromochloromethane	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
Bromodichloromethane	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
Bromoform	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
Bromomethane	ND	3.6	1.4	ug/Kg	1	09/01/16	JLI	SW8260C
Carbon Disulfide	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
Carbon tetrachloride	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
Chlorobenzene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
Chloroethane	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
Chloroform	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
Chloromethane	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
Dibromochloromethane	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
Dibromomethane	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
Ethylbenzene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
Isopropylbenzene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
m&p-Xylene	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	21	3.6	ug/Kg	1	09/01/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.1	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
Methylene chloride	ND	3.6	3.6	ug/Kg	1	09/01/16	JLI	SW8260C
Naphthalene	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
n-Butylbenzene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
n-Propylbenzene	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
o-Xylene	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
sec-Butylbenzene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
Styrene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
tert-Butylbenzene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
Tetrachloroethene	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.1	1.8	ug/Kg	1	09/01/16	JLI	SW8260C
Toluene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.1	1.8	ug/Kg	1	09/01/16	JLI	SW8260C
Trichloroethene	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.6	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
Vinyl chloride	ND	3.6	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	09/01/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	105			%	1	09/01/16	JLI	70 - 130 %
% Dibromofluoromethane	105			%	1	09/01/16	JLI	70 - 130 %
% Toluene-d8	92			%	1	09/01/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	54	29	ug/kg	1	09/01/16	JLI	SW8260C
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	14	0.71	ug/Kg	1	09/01/16	JLI	SW8260C
Acrolein	ND	14	1.8	ug/Kg	1	09/01/16	JLI	SW8260C
Acrylonitrile	ND	14	0.36	ug/Kg	1	09/01/16	JLI	SW8260C
Tert-butyl alcohol	ND	71	14	ug/Kg	1	09/01/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	08/31/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
1,2-Dichlorobenzene	ND	240	96	ug/Kg	1	08/31/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	08/31/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	170	110	ug/Kg	1	08/31/16	DD	SW8270D
2,4-Dichlorophenol	ND	170	120	ug/Kg	1	08/31/16	DD	SW8270D
2,4-Dimethylphenol	ND	240	84	ug/Kg	1	08/31/16	DD	SW8270D
2,4-Dinitrophenol	ND	240	240	ug/Kg	1	08/31/16	DD	SW8270D
2,4-Dinitrotoluene	ND	170	130	ug/Kg	1	08/31/16	DD	SW8270D
2,6-Dinitrotoluene	ND	170	110	ug/Kg	1	08/31/16	DD	SW8270D
2-Chloronaphthalene	ND	240	96	ug/Kg	1	08/31/16	DD	SW8270D
2-Chlorophenol	ND	240	96	ug/Kg	1	08/31/16	DD	SW8270D
2-Methylnaphthalene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	08/31/16	DD	SW8270D
2-Nitroaniline	ND	240	240	ug/Kg	1	08/31/16	DD	SW8270D
2-Nitrophenol	ND	240	210	ug/Kg	1	08/31/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	240	130	ug/Kg	1	08/31/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	170	160	ug/Kg	1	08/31/16	DD	SW8270D
3-Nitroaniline	ND	340	680	ug/Kg	1	08/31/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	200	68	ug/Kg	1	08/31/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	1	08/31/16	DD	SW8270D
4-Chloroaniline	ND	270	160	ug/Kg	1	08/31/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
4-Nitroaniline	ND	340	110	ug/Kg	1	08/31/16	DD	SW8270D
4-Nitrophenol	ND	340	150	ug/Kg	1	08/31/16	DD	SW8270D
Acenaphthene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
Acenaphthylene	ND	240	95	ug/Kg	1	08/31/16	DD	SW8270D
Acetophenone	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Aniline	ND	270	270	ug/Kg	1	08/31/16	DD	SW8270D
Anthracene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Benz(a)anthracene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzidine	ND	340	200	ug/Kg	1	08/31/16	DD	SW8270D

Client ID: TANK W 12 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(a)pyrene	ND	170	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzo(b)fluoranthene	ND	240	120	ug/Kg	1	08/31/16	DD	SW8270D
Benzo(ghi)perylene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzo(k)fluoranthene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Benzoic acid	ND	1700	680	ug/Kg	1	08/31/16	DD	SW8270D
Benzyl butyl phthalate	ND	240	87	ug/Kg	1	08/31/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	240	94	ug/Kg	1	08/31/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	170	91	ug/Kg	1	08/31/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	240	94	ug/Kg	1	08/31/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	240	98	ug/Kg	1	08/31/16	DD	SW8270D
Carbazole	ND	170	140	ug/Kg	1	08/31/16	DD	SW8270D
Chrysene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	170	110	ug/Kg	1	08/31/16	DD	SW8270D
Dibenzofuran	ND	240	99	ug/Kg	1	08/31/16	DD	SW8270D
Diethyl phthalate	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Dimethylphthalate	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Di-n-butylphthalate	ND	240	90	ug/Kg	1	08/31/16	DD	SW8270D
Di-n-octylphthalate	ND	240	87	ug/Kg	1	08/31/16	DD	SW8270D
Fluoranthene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Fluorene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Hexachlorobenzene	ND	170	99	ug/Kg	1	08/31/16	DD	SW8270D
Hexachlorobutadiene	ND	240	120	ug/Kg	1	08/31/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	240	100	ug/Kg	1	08/31/16	DD	SW8270D
Hexachloroethane	ND	170	100	ug/Kg	1	08/31/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Isophorone	ND	170	95	ug/Kg	1	08/31/16	DD	SW8270D
Naphthalene	ND	240	98	ug/Kg	1	08/31/16	DD	SW8270D
Nitrobenzene	ND	170	120	ug/Kg	1	08/31/16	DD	SW8270D
N-Nitrosodimethylamine	ND	240	96	ug/Kg	1	08/31/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	170	110	ug/Kg	1	08/31/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	08/31/16	DD	SW8270D
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	08/31/16	DD	SW8270D
Pentachlorophenol	ND	200	130	ug/Kg	1	08/31/16	DD	SW8270D
Phenanthrene	ND	240	97	ug/Kg	1	08/31/16	DD	SW8270D
Phenol	ND	240	110	ug/Kg	1	08/31/16	DD	SW8270D
Pyrene	ND	240	120	ug/Kg	1	08/31/16	DD	SW8270D
Pyridine	ND	240	83	ug/Kg	1	08/31/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	73			%	1	08/31/16	DD	30 - 130 %
% 2-Fluorobiphenyl	71			%	1	08/31/16	DD	30 - 130 %
% 2-Fluorophenol	68			%	1	08/31/16	DD	30 - 130 %
% Nitrobenzene-d5	72			%	1	08/31/16	DD	30 - 130 %
% Phenol-d5	73			%	1	08/31/16	DD	30 - 130 %
% Terphenyl-d14	77			%	1	08/31/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded 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.

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

September 13, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 September 13, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 08/29/16
 08/30/16 17:41

Laboratory Data

SDG ID: GBV00495
 Phoenix ID: BV00499

Project ID: 39-40 30TH ST., QUEENS
 Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					08/29/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
2-Hexanone	ND	25	5.0	ug/Kg	1	09/01/16	JLI	SW8260C
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C

Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	09/01/16	JLI	SW8260C
Acetone	24	JS 25	5.0	ug/Kg	1	09/01/16	JLI	SW8260C
Acrylonitrile	ND	10	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
Benzene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
Bromobenzene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
Bromoform	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
Bromomethane	ND	5.0	2.0	ug/Kg	1	09/01/16	JLI	SW8260C
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
Chloroethane	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
Chloroform	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
Chloromethane	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
Dibromomethane	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	5.0	ug/Kg	1	09/01/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
Methylene chloride	ND	5.0	5.0	ug/Kg	1	09/01/16	JLI	SW8260C
Naphthalene	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
o-Xylene	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
Styrene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	09/01/16	JLI	SW8260C
Toluene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	09/01/16	JLI	SW8260C
Trichloroethene	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	09/01/16	JLI	70 - 130 %
% Bromofluorobenzene	104			%	1	09/01/16	JLI	70 - 130 %
% Dibromofluoromethane	103			%	1	09/01/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	92			%	1	09/01/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	75	40	ug/kg	1	09/01/16	JLI	SW8260C
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	20	1.0	ug/Kg	1	09/01/16	JLI	SW8260C
Acrolein	ND	20	2.5	ug/Kg	1	09/01/16	JLI	SW8260C
Acrylonitrile	ND	20	0.50	ug/Kg	1	09/01/16	JLI	SW8260C
Tert-butyl alcohol	ND	100	20	ug/Kg	1	09/01/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

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:

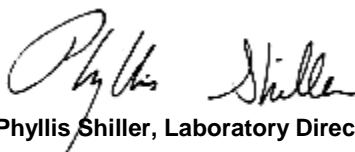
Results are reported on an ``as received`` basis, and are not corrected for dry weight., TRIP BLANK INCLUDED.

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

S - Laboratory solvent, contamination is possible.

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

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

September 13, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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QA/QC Report

September 13, 2016

QA/QC Data

SDG I.D.: GBV00495

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 357519 (ug/kg), QC Sample No: BV00495 (BV00495, BV00496, BV00498, BV00499)										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	5.0	103	109	5.7	97	96	1.0	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	104	110	5.6	100	100	0.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	106	113	6.4	91	91	0.0	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	104	113	8.3	105	101	3.9	70 - 130	30
1,1-Dichloroethane	ND	5.0	107	112	4.6	103	103	0.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	110	113	2.7	104	104	0.0	70 - 130	30
1,1-Dichloropropene	ND	5.0	103	108	4.7	101	97	4.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	113	121	6.8	105	96	9.0	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	98	104	5.9	100	97	3.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	105	110	4.7	102	96	6.1	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	100	105	4.9	96	93	3.2	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	112	118	5.2	104	102	1.9	70 - 130	30
1,2-Dibromoethane	ND	5.0	105	111	5.6	100	98	2.0	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	102	107	4.8	100	95	5.1	70 - 130	30
1,2-Dichloroethane	ND	5.0	108	115	6.3	108	104	3.8	70 - 130	30
1,2-Dichloropropane	ND	5.0	105	114	8.2	104	102	1.9	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	102	107	4.8	98	95	3.1	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	95	101	6.1	95	91	4.3	70 - 130	30
1,3-Dichloropropane	ND	5.0	103	107	3.8	98	97	1.0	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	97	104	7.0	97	92	5.3	70 - 130	30
1,4-dioxane	ND	100	123	120	2.5	123	105	15.8	70 - 130	30
2,2-Dichloropropane	ND	5.0	108	111	2.7	98	96	2.1	70 - 130	30
2-Chlorotoluene	ND	5.0	100	105	4.9	99	95	4.1	70 - 130	30
2-Hexanone	ND	25	101	106	4.8	91	91	0.0	70 - 130	30
2-Isopropyltoluene	ND	5.0	108	113	4.5	103	98	5.0	70 - 130	30
4-Chlorotoluene	ND	5.0	93	101	8.2	95	91	4.3	70 - 130	30
4-Methyl-2-pentanone	ND	25	113	121	6.8	110	106	3.7	70 - 130	30
Acetone	ND	10	97	101	4.0	101	95	6.1	70 - 130	30
Acrolein	ND	25	117	123	5.0	109	110	0.9	70 - 130	30
Acrylonitrile	ND	5.0	117	122	4.2	109	108	0.9	70 - 130	30
Benzene	ND	1.0	103	110	6.6	103	100	3.0	70 - 130	30
Bromobenzene	ND	5.0	103	109	5.7	101	98	3.0	70 - 130	30
Bromochloromethane	ND	5.0	104	111	6.5	101	100	1.0	70 - 130	30
Bromodichloromethane	ND	5.0	109	116	6.2	107	104	2.8	70 - 130	30
Bromoform	ND	5.0	100	107	6.8	95	94	1.1	70 - 130	30
Bromomethane	ND	5.0	122	123	0.8	114	114	0.0	70 - 130	30
Carbon Disulfide	ND	5.0	120	125	4.1	113	114	0.9	70 - 130	30
Carbon tetrachloride	ND	5.0	107	112	4.6	100	100	0.0	70 - 130	30
Chlorobenzene	ND	5.0	101	107	5.8	98	96	2.1	70 - 130	30
Chloroethane	ND	5.0	113	116	2.6	108	108	0.0	70 - 130	30
Chloroform	ND	5.0	103	108	4.7	100	99	1.0	70 - 130	30

QA/QC Data

SDG I.D.: GBV00495

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
Chloromethane	ND	5.0	112	116	3.5	104	104	0.0	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	108	114	5.4	104	104	0.0	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	108	115	6.3	106	101	4.8	70 - 130	30
Dibromochloromethane	ND	3.0	108	113	4.5	102	101	1.0	70 - 130	30
Dibromomethane	ND	5.0	109	118	7.9	105	104	1.0	70 - 130	30
Dichlorodifluoromethane	ND	5.0	136	140	2.9	122	123	0.8	70 - 130	30
Ethylbenzene	ND	1.0	100	106	5.8	98	96	2.1	70 - 130	30
Hexachlorobutadiene	ND	5.0	107	115	7.2	84	80	4.9	70 - 130	30
Isopropylbenzene	ND	1.0	98	103	5.0	97	94	3.1	70 - 130	30
m&p-Xylene	ND	2.0	100	104	3.9	95	94	1.1	70 - 130	30
Methyl ethyl ketone	ND	5.0	104	109	4.7	102	94	8.2	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	113	118	4.3	109	108	0.9	70 - 130	30
Methylene chloride	ND	5.0	107	112	4.6	110	110	0.0	70 - 130	30
Naphthalene	ND	5.0	130	141	8.1	120	114	5.1	70 - 130	30
n-Butylbenzene	ND	1.0	108	112	3.6	100	94	6.2	70 - 130	30
n-Propylbenzene	ND	1.0	101	103	2.0	97	92	5.3	70 - 130	30
o-Xylene	ND	2.0	100	106	5.8	97	96	1.0	70 - 130	30
p-Isopropyltoluene	ND	1.0	102	108	5.7	98	93	5.2	70 - 130	30
sec-Butylbenzene	ND	1.0	104	109	4.7	99	95	4.1	70 - 130	30
Styrene	ND	5.0	100	103	3.0	96	95	1.0	70 - 130	30
tert-butyl alcohol	ND	100	119	111	7.0	115	99	15.0	70 - 130	30
tert-Butylbenzene	ND	1.0	101	107	5.8	97	94	3.1	70 - 130	30
Tetrachloroethene	ND	5.0	108	113	4.5	109	104	4.7	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	112	118	5.2	107	106	0.9	70 - 130	30
Toluene	ND	1.0	109	114	4.5	108	104	3.8	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	112	116	3.5	107	106	0.9	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	106	113	6.4	103	100	3.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	111	117	5.3	99	96	3.1	70 - 130	30
Trichloroethene	ND	5.0	104	110	5.6	111	108	2.7	70 - 130	30
Trichlorofluoromethane	ND	5.0	109	112	2.7	103	103	0.0	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	114	118	3.4	107	107	0.0	70 - 130	30
Vinyl chloride	ND	5.0	114	119	4.3	108	107	0.9	70 - 130	30
% 1,2-dichlorobenzene-d4	93	%	101	102	1.0	101	101	0.0	70 - 130	30
% Bromofluorobenzene	104	%	103	101	2.0	101	103	2.0	70 - 130	30
% Dibromofluoromethane	103	%	101	101	0.0	98	100	2.0	70 - 130	30
% Toluene-d8	92	%	104	105	1.0	106	105	0.9	70 - 130	30

QA/QC Batch 357318 (ug/Kg), QC Sample No: BV00498 (BV00495, BV00496, BV00497, BV00498)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	63	65	3.1	68	71	4.3	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	63	63	0.0	67	68	1.5	30 - 130	30
1,2-Dichlorobenzene	ND	180	61	60	1.7	62	62	0.0	30 - 130	30
1,2-Diphenylhydrazine	ND	230	76	75	1.3	75	76	1.3	30 - 130	30
1,3-Dichlorobenzene	ND	230	59	58	1.7	59	60	1.7	30 - 130	30
1,4-Dichlorobenzene	ND	230	60	59	1.7	61	61	0.0	30 - 130	30
2,4,5-Trichlorophenol	ND	230	70	70	0.0	67	70	4.4	30 - 130	30
2,4,6-Trichlorophenol	ND	130	69	68	1.5	65	68	4.5	30 - 130	30
2,4-Dichlorophenol	ND	130	64	65	1.6	66	68	3.0	30 - 130	30
2,4-Dimethylphenol	ND	230	63	63	0.0	65	65	0.0	30 - 130	30
2,4-Dinitrophenol	ND	230	<10	<10	NC	14	22	44.4	30 - 130	30
2,4-Dinitrotoluene	ND	130	78	80	2.5	86	91	5.6	30 - 130	30
2,6-Dinitrotoluene	ND	130	80	83	3.7	85	89	4.6	30 - 130	30
2-Chloronaphthalene	ND	230	74	73	1.4	74	76	2.7	30 - 130	30

I,m,r
m

QA/QC Data

SDG I.D.: GBV00495

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
	Blank	RL									
2-Chlorophenol	ND	230	65	65	0.0	65	68	4.5	30 - 130	30	
2-Methylnaphthalene	ND	230	70	69	1.4	72	75	4.1	30 - 130	30	
2-Methylphenol (o-cresol)	ND	230	64	64	0.0	66	67	1.5	30 - 130	30	
2-Nitroaniline	ND	330	65	64	1.6	73	73	0.0	30 - 130	30	
2-Nitrophenol	ND	230	65	66	1.5	63	67	6.2	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230	73	72	1.4	73	75	2.7	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	67	66	1.5	64	67	4.6	30 - 130	30	
3-Nitroaniline	ND	330	69	70	1.4	75	76	1.3	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	13	17	26.7	41	53	25.5	30 - 130	30	I
4-Bromophenyl phenyl ether	ND	230	71	72	1.4	74	76	2.7	30 - 130	30	
4-Chloro-3-methylphenol	ND	230	68	69	1.5	71	72	1.4	30 - 130	30	
4-Chloroaniline	ND	230	72	71	1.4	69	70	1.4	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	77	77	0.0	79	80	1.3	30 - 130	30	
4-Nitroaniline	ND	230	76	77	1.3	81	83	2.4	30 - 130	30	
4-Nitrophenol	ND	230	76	74	2.7	70	74	5.6	30 - 130	30	
Acenaphthene	ND	230	77	76	1.3	77	79	2.6	30 - 130	30	
Acenaphthylene	ND	130	72	72	0.0	72	75	4.1	30 - 130	30	
Acetophenone	ND	230	68	67	1.5	68	70	2.9	30 - 130	30	
Aniline	ND	330	64	62	3.2	61	60	1.7	30 - 130	30	
Anthracene	ND	230	78	77	1.3	78	81	3.8	30 - 130	30	
Benz(a)anthracene	ND	230	76	74	2.7	75	79	5.2	30 - 130	30	
Benzidine	ND	330	27	22	20.4	20	20	0.0	30 - 130	30	I,m
Benzo(a)pyrene	ND	130	73	70	4.2	71	74	4.1	30 - 130	30	
Benzo(b)fluoranthene	ND	160	76	73	4.0	73	77	5.3	30 - 130	30	
Benzo(ghi)perylene	ND	230	76	73	4.0	74	77	4.0	30 - 130	30	
Benzo(k)fluoranthene	ND	230	77	76	1.3	76	79	3.9	30 - 130	30	
Benzoic Acid	ND	330	<10	<10	NC	<10	<10	NC	30 - 130	30	I,m
Benzyl butyl phthalate	ND	230	79	75	5.2	78	81	3.8	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	70	71	1.4	71	73	2.8	30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	59	58	1.7	60	61	1.7	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	60	59	1.7	60	60	0.0	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	79	75	5.2	78	81	3.8	30 - 130	30	
Carbazole	ND	230	75	74	1.3	76	78	2.6	30 - 130	30	
Chrysene	ND	230	82	79	3.7	81	83	2.4	30 - 130	30	
Dibenz(a,h)anthracene	ND	130	75	73	2.7	73	77	5.3	30 - 130	30	
Dibenzofuran	ND	230	75	74	1.3	76	78	2.6	30 - 130	30	
Diethyl phthalate	ND	230	76	76	0.0	76	78	2.6	30 - 130	30	
Dimethylphthalate	ND	230	74	73	1.4	75	76	1.3	30 - 130	30	
Di-n-butylphthalate	ND	230	81	78	3.8	78	80	2.5	30 - 130	30	
Di-n-octylphthalate	ND	230	74	70	5.6	73	76	4.0	30 - 130	30	
Fluoranthene	ND	230	76	74	2.7	77	79	2.6	30 - 130	30	
Fluorene	ND	230	78	78	0.0	79	80	1.3	30 - 130	30	
Hexachlorobenzene	ND	130	76	73	4.0	74	79	6.5	30 - 130	30	
Hexachlorobutadiene	ND	230	61	61	0.0	63	66	4.7	30 - 130	30	
Hexachlorocyclopentadiene	ND	230	60	60	0.0	63	67	6.2	30 - 130	30	
Hexachloroethane	ND	130	58	56	3.5	58	59	1.7	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	73	71	2.8	71	75	5.5	30 - 130	30	
Isophorone	ND	130	65	64	1.6	65	67	3.0	30 - 130	30	
Naphthalene	ND	230	70	69	1.4	70	72	2.8	30 - 130	30	
Nitrobenzene	ND	130	68	69	1.5	70	72	2.8	30 - 130	30	
N-Nitrosodimethylamine	ND	230	57	56	1.8	58	57	1.7	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	130	70	70	0.0	69	72	4.3	30 - 130	30	
N-Nitrosodiphenylamine	ND	130	82	80	2.5	83	84	1.2	30 - 130	30	

QA/QC Data

SDG I.D.: GBV00495

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
Pentachloronitrobenzene	ND	230	74	74	0.0	75	79	5.2	30 - 130	30
Pentachlorophenol	ND	230	50	51	2.0	47	49	4.2	30 - 130	30
Phenanthrene	ND	130	77	76	1.3	77	80	3.8	30 - 130	30
Phenol	ND	230	66	66	0.0	66	69	4.4	30 - 130	30
Pyrene	ND	230	79	77	2.6	79	81	2.5	30 - 130	30
Pyridine	ND	230	44	41	7.1	41	42	2.4	30 - 130	30
% 2,4,6-Tribromophenol	72	%	79	76	3.9	60	62	3.3	30 - 130	30
% 2-Fluorobiphenyl	66	%	69	68	1.5	58	59	1.7	30 - 130	30
% 2-Fluorophenol	65	%	66	65	1.5	54	55	1.8	30 - 130	30
% Nitrobenzene-d5	65	%	66	65	1.5	55	57	3.6	30 - 130	30
% Phenol-d5	69	%	69	69	0.0	58	60	3.4	30 - 130	30
% Terphenyl-d14	75	%	75	74	1.3	61	62	1.6	30 - 130	30

QA/QC Batch 357717 (ug/kg), QC Sample No: BV00775 (BV00497)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	5.0	101	100	1.0	95	90	5.4	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	102	100	2.0	107	104	2.8	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	110	103	6.6	93	89	4.4	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	106	103	2.9	96	91	5.3	70 - 130	30
1,1-Dichloroethane	ND	5.0	105	102	2.9	105	101	3.9	70 - 130	30
1,1-Dichloroethene	ND	5.0	107	102	4.8	106	102	3.8	70 - 130	30
1,1-Dichloropropene	ND	5.0	100	95	5.1	99	96	3.1	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	113	110	2.7	56	50	11.3	70 - 130	30 m
1,2,3-Trichloropropane	ND	5.0	99	101	2.0	101	94	7.2	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	108	105	2.8	53	50	5.8	70 - 130	30 m
1,2,4-Trimethylbenzene	ND	1.0	98	94	4.2	87	82	5.9	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	112	105	6.5	95	87	8.8	70 - 130	30
1,2-Dibromoethane	ND	5.0	103	101	2.0	83	78	6.2	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	104	100	3.9	74	70	5.6	70 - 130	30
1,2-Dichloroethane	ND	5.0	108	106	1.9	94	91	3.2	70 - 130	30
1,2-Dichloropropane	ND	5.0	107	104	2.8	100	98	2.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	99	95	4.1	95	90	5.4	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	98	94	4.2	70	66	5.9	70 - 130	30 m
1,3-Dichloropropane	ND	5.0	102	100	2.0	89	86	3.4	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	101	96	5.1	67	65	3.0	70 - 130	30 m
1,4-dioxane	ND	100	108	106	1.9	102	106	3.8	70 - 130	30
2,2-Dichloropropane	ND	5.0	105	105	0.0	103	100	3.0	70 - 130	30
2-Chlorotoluene	ND	5.0	100	96	4.1	91	84	8.0	70 - 130	30
2-Hexanone	ND	25	99	97	2.0	86	82	4.8	70 - 130	30
2-Isopropyltoluene	ND	5.0	106	101	4.8	98	93	5.2	70 - 130	30
4-Chlorotoluene	ND	5.0	97	91	6.4	79	75	5.2	70 - 130	30
4-Methyl-2-pentanone	ND	25	113	109	3.6	105	99	5.9	70 - 130	30
Acetone	ND	10	95	92	3.2	93	91	2.2	70 - 130	30
Acrolein	ND	25	113	112	0.9	104	100	3.9	70 - 130	30
Acrylonitrile	ND	5.0	113	113	0.0	104	98	5.9	70 - 130	30
Benzene	ND	1.0	103	100	3.0	99	96	3.1	70 - 130	30
Bromobenzene	ND	5.0	104	101	2.9	83	77	7.5	70 - 130	30
Bromochloromethane	ND	5.0	103	103	0.0	89	89	0.0	70 - 130	30
Bromodichloromethane	ND	5.0	110	106	3.7	98	95	3.1	70 - 130	30
Bromoform	ND	5.0	102	99	3.0	80	78	2.5	70 - 130	30
Bromomethane	ND	5.0	119	114	4.3	107	104	2.8	70 - 130	30
Carbon Disulfide	ND	5.0	117	112	4.4	104	101	2.9	70 - 130	30
Carbon tetrachloride	ND	5.0	105	100	4.9	107	104	2.8	70 - 130	30

QA/QC Data

SDG I.D.: GBV00495

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
Chlorobenzene	ND	5.0	100	98	2.0	84	79	6.1	70 - 130	30
Chloroethane	ND	5.0	102	105	2.9	105	103	1.9	70 - 130	30
Chloroform	ND	5.0	102	99	3.0	99	96	3.1	70 - 130	30
Chloromethane	ND	5.0	105	102	2.9	99	95	4.1	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	107	104	2.8	93	90	3.3	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	110	105	4.7	81	80	1.2	70 - 130	30
Dibromochloromethane	ND	3.0	107	106	0.9	93	89	4.4	70 - 130	30
Dibromomethane	ND	5.0	110	107	2.8	86	83	3.6	70 - 130	30
Dichlorodifluoromethane	ND	5.0	115	104	10.0	116	113	2.6	70 - 130	30
Ethylbenzene	ND	1.0	99	97	2.0	95	90	5.4	70 - 130	30
Hexachlorobutadiene	ND	5.0	97	92	5.3	71	67	5.8	70 - 130	30 m
Isopropylbenzene	ND	1.0	98	93	5.2	102	95	7.1	70 - 130	30
m&p-Xylene	ND	2.0	98	94	4.2	90	85	5.7	70 - 130	30
Methyl ethyl ketone	ND	5.0	107	102	4.8	96	91	5.3	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	111	109	1.8	106	103	2.9	70 - 130	30
Methylene chloride	ND	5.0	106	104	1.9	96	94	2.1	70 - 130	30
Naphthalene	ND	5.0	130	126	3.1	68	61	10.9	70 - 130	30 m
n-Butylbenzene	ND	1.0	101	93	8.2	88	83	5.8	70 - 130	30
n-Propylbenzene	ND	1.0	96	91	5.3	95	89	6.5	70 - 130	30
o-Xylene	ND	2.0	98	96	2.1	89	85	4.6	70 - 130	30
p-Isopropyltoluene	ND	1.0	97	93	4.2	92	87	5.6	70 - 130	30
sec-Butylbenzene	ND	1.0	99	95	4.1	99	93	6.3	70 - 130	30
Styrene	ND	5.0	100	97	3.0	77	74	4.0	70 - 130	30
tert-butyl alcohol	ND	100	107	103	3.8	97	101	4.0	70 - 130	30
tert-Butylbenzene	ND	1.0	99	96	3.1	99	94	5.2	70 - 130	30
Tetrachloroethene	ND	5.0	103	97	6.0	102	98	4.0	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	111	107	3.7	106	103	2.9	70 - 130	30
Toluene	ND	1.0	107	104	2.8	100	97	3.0	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	109	105	3.7	97	94	3.1	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	108	106	1.9	70	68	2.9	70 - 130	30 m
trans-1,4-dichloro-2-butene	ND	5.0	115	110	4.4	73	70	4.2	70 - 130	30
Trichloroethene	ND	5.0	102	99	3.0	100	97	3.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	102	97	5.0	107	104	2.8	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	104	96	8.0	117	112	4.4	70 - 130	30
Vinyl chloride	ND	5.0	110	104	5.6	103	99	4.0	70 - 130	30
% 1,2-dichlorobenzene-d4	93	%	102	101	1.0	102	102	0.0	70 - 130	30
% Bromofluorobenzene	104	%	102	102	0.0	98	98	0.0	70 - 130	30
% Dibromofluoromethane	105	%	98	102	4.0	98	99	1.0	70 - 130	30
% Toluene-d8	92	%	105	105	0.0	104	104	0.0	70 - 130	30

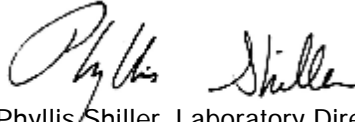
l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

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
 September 13, 2016

Tuesday, September 13, 2016

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedences Report

Page 1 of 1

GBV00495 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

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



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



NY Temperature Narration

September 13, 2016

SDG I.D.: GBV00495

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

Coolant: PK ICE No No
 Temp: °C °F of

Contact Options:
 Fax: _____
 Phone: (631) 504-6000
 Email: Csosik@ebcincny.com

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



Customer: Environmental Business Consultants
 Address: 1808 Middle Country Road
 Ridge, New York 11961

Project: 39-40 30th Street, Queens, NY
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants

This section **MUST** be completed with **Bottle Quantities.**

Sampler's Signature: *[Signature]* Date: 8/29/16
 Client Sample - Information - Identification
 Matrix Code: 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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
00495	TANK N (12')	S	8/29/16		VOCS 8250
00496	TANK S (12')	S	8/29/16		VOCS 8270
00497	TANK E (12')	S	8/29/16		VOCS 8270
00498	TANK W (12')	S	8/29/16		VOCS 8270
00499	Trip Blank Low				
00500	Trip Blank High				

Relinquished by: *[Signature]* Accepted by: *[Signature]* Date: 8-30-16 Time: 12:05
 Date: 8-30-16 Time: 12:11

Comments, Special Requirements or Regulations:
 * VOA Row empty TF

<input type="checkbox"/> Res. Criteria <input type="checkbox"/> Non-Res. Criteria <input type="checkbox"/> Impact to GW Soil <input type="checkbox"/> Cleanup Criteria <input type="checkbox"/> GW Criteria	<input type="checkbox"/> TAGM 4046 GW <input type="checkbox"/> TAGM 4046 SOIL <input type="checkbox"/> NY375 Unrestricted Use Soil <input checked="" type="checkbox"/> NY375 Residential <input type="checkbox"/> Restricted/Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial	<input type="checkbox"/> Phoenix Std Report <input type="checkbox"/> Excel <input type="checkbox"/> PDF <input type="checkbox"/> GIS/Key <input checked="" type="checkbox"/> EQUIS <input type="checkbox"/> NJ Hazsite EDD <input type="checkbox"/> NY EZ EDD (ASP) <input type="checkbox"/> Other
---	--	---

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

Slate where samples were collected: NY

*



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

Cooler: Yes No
 Ice: No
 Temp: °C Pg of
 Contact Options:
 Fax: (631) 504-6000
 Phone: (860) 645-8726
 Email: info@phoenixlabs.com

Customer: Environmental Business Consultants
 Address: 1808 Middle Country Road
 Ridge, New York 11961

Project: Environmental Business Consultants
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants

Project P.O.:
 This section **MUST** be completed with Bottle Quantities.

Client Sample - Information - Identification
 Samplers Signature: *[Signature]* Date: *12/10/05*

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
 OL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request	Turnaround:	State where samples were collected:	Data Package
CC1995	TRAIL N (120)	S	12/10/05		VOCs 8260 SVOCs 8270 Resistatocap/Specs TAL-Metals	<input type="checkbox"/> 1 Day* <input type="checkbox"/> 2 Days* <input type="checkbox"/> 3 Days* <input checked="" type="checkbox"/> 5 Days <input type="checkbox"/> 10 Days <input type="checkbox"/> Other	NY	<input type="checkbox"/> Phoenix Std Report <input type="checkbox"/> Excel <input type="checkbox"/> PDF <input type="checkbox"/> GIS/Key <input checked="" type="checkbox"/> EQUIS <input type="checkbox"/> NJ Hazsite EDD <input type="checkbox"/> NY EZ EDD (ASP) <input type="checkbox"/> Other
CC1996	TRAIL S (120)	S	12/10/05				NY	
CC1997	TRAIL E (120)	S	12/10/05				NY	
CC1998	TRAIL W (120)	S	12/10/05				NY	
CC1999	TRAIL S (120)	S	12/10/05				NY	
CC2000	TRAIL N (120)	S	12/10/05				NY	

Soil VOA Vials (X) methanol (X) H2O
 GL Soil container (8) oz
 GL Soil container () oz
 40 ml VOA Vial () oz
 GL Amber 1000ml () HCl
 PL As is () 250ml
 PL H2SO4 () 250ml
 PL HNO3 250ml
 PL NaOH 250ml
 Bacteria Bottle

Relinquished by: *[Signature]* Accepted by: *[Signature]* Date: *12/10/05* Time: *12:05*

Comments, Special Requirements or Regulations:
 A container was used for the sample.
 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
 Restricted/Residential
 Commercial
 Industrial
 Data Package
 NJ Reduced Deliv. *
 NY Enhanced (ASP B) *
 Other

Shannon Copy

Shannon Wilhelm

From: Patrick Recio <recio@ebcincny.com>
Sent: Wednesday, August 31, 2016 01:39 PM
To: Shannon Wilhelm
Cc: 'Chawinie Reilly'
Subject: RE: Problem with TB

Sorry about that Shannon, I probably grabbed it quick when the courier arrived for the pick-up and didn't notice that it was empty.

Thank you for the notification.

Patrick Recio
Environmental Scientist
EBC
Environmental Business Consultants
Ph: 631.504.6000 ext. 119
Fax: 631.924.2870
Cell: 516.220.2997
recio@ebcincny.com

From: Shannon Wilhelm [<mailto:shannon@phoenixlabs.com>]
Sent: Wednesday, August 31, 2016 1:29 PM
To: recio@ebcincny.com
Subject: Problem with TB

Good Afternoon,
Please see attached regarding High level trip blank we received empty and let me know if you have any questions.
Thank you.

Shannon Wilhelm
Phoenix Environmental Labs



Tuesday, October 18, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST., QUEENS, NY
Sample ID#s: BN74859 - BN74871

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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 ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 39-40 30TH ST., QUEENS, NY
Laboratory Project: GBN74859



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

October 18, 2016

SDG I.D.: GBN74859

Environmental Business Consultants 39-40 30TH ST., QUEENS, NY

Methodology Summary

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260C and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
16SB3 0-2 FT	BN74859	SOIL
16SB3 5-7 FT	BN74860	SOIL
16SB3 10-12 FT	BN74861	SOIL
16SB3 15-17 FT	BN74862	SOIL
16SB5 0-2 FT	BN74863	SOIL
16SB5 5-7 FT	BN74864	SOIL
16SB5 10-12 FT	BN74865	SOIL
16SB6 0-2 FT	BN74866	SOIL
16SB6 5-7 FT	BN74867	SOIL
16SB6 10-12 FT	BN74868	SOIL
16SB6 15-17 FT	BN74869	SOIL
TRIP BLANK LOW	BN74870	SOIL
TRIP BLANK HIGH	BN74871	SOIL



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

October 18, 2016

SDG I.D.: GBN74859

Environmental Business Consultants 39-40 30TH ST., QUEENS, NY

Laboratory Chronicle

The samples in this delivery group were received at 4°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BN74859	1,4-dioxane	07/16/16	07/19/16	07/19/16	JLI	Y
BN74859	Field Extraction	07/16/16	07/16/16	07/16/16		Y
BN74859	Volatiles	07/16/16	07/19/16	07/19/16	JLI	Y
BN74859	Volatiles	07/16/16	07/20/16	07/20/16	JLI	Y
BN74860	1,4-dioxane	07/16/16	07/20/16	07/20/16	JLI	Y
BN74860	Field Extraction	07/16/16	07/16/16	07/16/16		Y
BN74860	Volatiles	07/16/16	07/19/16	07/19/16	JLI	Y
BN74860	Volatiles	07/16/16	07/20/16	07/20/16	JLI	Y
BN74861	1,4-dioxane	07/16/16	07/20/16	07/20/16	JLI	Y
BN74861	Field Extraction	07/16/16	07/16/16	07/16/16		Y
BN74861	Volatiles	07/16/16	07/20/16	07/20/16	JLI	Y
BN74861	Volatiles	07/16/16	07/20/16	07/20/16	JLI	Y
BN74862	1,4-dioxane	07/16/16	07/20/16	07/20/16	JLI	Y
BN74862	Field Extraction	07/16/16	07/16/16	07/16/16		Y
BN74862	Volatiles	07/16/16	07/20/16	07/20/16	JLI	Y
BN74862	Volatiles	07/16/16	07/20/16	07/20/16	JLI	Y
BN74863	1,4-dioxane	07/16/16	07/19/16	07/19/16	JLI	Y
BN74863	Field Extraction	07/16/16	07/16/16	07/16/16		Y
BN74863	Volatiles	07/16/16	07/19/16	07/19/16	JLI	Y
BN74863	Volatiles	07/16/16	07/19/16	07/19/16	JLI	Y
BN74864	1,4-dioxane	07/16/16	07/20/16	07/20/16	JLI	Y
BN74864	Field Extraction	07/16/16	07/16/16	07/16/16		Y
BN74864	Volatiles	07/16/16	07/20/16	07/20/16	JLI	Y
BN74864	Volatiles	07/16/16	07/20/16	07/20/16	JLI	Y
BN74865	1,4-dioxane	07/16/16	07/20/16	07/20/16	JLI	Y
BN74865	Field Extraction	07/16/16	07/16/16	07/16/16		Y
BN74865	Volatiles	07/16/16	07/20/16	07/20/16	JLI	Y
BN74865	Volatiles	07/16/16	07/20/16	07/20/16	JLI	Y
BN74866	1,4-dioxane	07/16/16	07/21/16	07/21/16	JLI	Y
BN74866	Field Extraction	07/16/16	07/16/16	07/16/16		Y
BN74866	Volatiles	07/16/16	07/19/16	07/19/16	JLI	Y
BN74866	Volatiles	07/16/16	07/21/16	07/21/16	JLI	Y



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NY Analytical Services Protocol Format

October 18, 2016

SDG I.D.: GBN74859

Environmental Business Consultants 39-40 30TH ST., QUEENS, NY

BN74867	1,4-dioxane	07/16/16	07/21/16	07/21/16	JLI	Y
BN74867	Field Extraction	07/16/16	07/16/16	07/16/16		Y
BN74867	Volatiles	07/16/16	07/19/16	07/19/16	JLI	Y
BN74867	Volatiles	07/16/16	07/21/16	07/21/16	JLI	Y
BN74868	1,4-dioxane	07/16/16	07/21/16	07/21/16	JLI	Y
BN74868	Field Extraction	07/16/16	07/16/16	07/16/16		Y
BN74868	Volatiles	07/16/16	07/21/16	07/21/16	JLI	Y
BN74868	Volatiles	07/16/16	07/21/16	07/21/16	JLI	Y
BN74869	1,4-dioxane	07/16/16	07/21/16	07/21/16	JLI	Y
BN74869	Field Extraction	07/16/16	07/16/16	07/16/16		Y
BN74869	Volatiles	07/16/16	07/21/16	07/21/16	JLI	Y
BN74869	Volatiles	07/16/16	07/21/16	07/21/16	JLI	Y
BN74870	1,4-dioxane	07/16/16	07/20/16	07/20/16	JLI	Y
BN74870	Field Extraction	07/16/16	07/16/16	07/16/16		Y
BN74870	Volatiles	07/16/16	07/20/16	07/20/16	JLI	Y
BN74870	Volatiles	07/16/16	07/20/16	07/20/16	JLI	Y
BN74871	1,4-dioxane	07/16/16	07/20/16	07/20/16	JLI	Y
BN74871	Field Extraction	07/16/16	07/16/16	07/16/16		Y
BN74871	Volatiles	07/16/16	07/20/16	07/20/16	JLI	Y
BN74871	Volatiles	07/16/16	07/20/16	07/20/16	JLI	Y



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SDG Comments

October 18, 2016

SDG I.D.: GBN74859

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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

Analysis Report
 October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

07/16/16
 07/18/16

Time

15:06

Laboratory Data

SDG ID: GBN74859
 Phoenix ID: BN74859

Project ID: 39-40 30TH ST., QUEENS, NY
 Client ID: 16SB3 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/16/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
1,1,1-Trichloroethane	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
1,1,2-Trichloroethane	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
1,1-Dichloroethane	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
1,1-Dichloroethene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
1,1-Dichloropropene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
1,2,3-Trichloropropane	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
1,2,4-Trimethylbenzene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
1,2-Dibromoethane	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
1,2-Dichlorobenzene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
1,2-Dichloroethane	ND	20	17	ug/Kg	50	07/19/16	J/P	SW8260C
1,2-Dichloropropane	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
1,3-Dichlorobenzene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
1,3-Dichloropropane	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
1,4-Dichlorobenzene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
2,2-Dichloropropane	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
2-Chlorotoluene	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
2-Hexanone	ND	850	170	ug/Kg	50	07/19/16	J/P	SW8260C
2-Isopropyltoluene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
4-Chlorotoluene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	850	170	ug/Kg	50	07/19/16	J/P	SW8260C
Acetone	ND	170	170	ug/Kg	50	07/19/16	J/P	SW8260C
Acrylonitrile	ND	340	34	ug/Kg	50	07/19/16	J/P	SW8260C
Benzene	ND	58	17	ug/Kg	50	07/19/16	J/P	SW8260C
Bromobenzene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
Bromochloromethane	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
Bromodichloromethane	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
Bromoform	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
Bromomethane	ND	170	68	ug/Kg	50	07/19/16	J/P	SW8260C
Carbon Disulfide	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
Carbon tetrachloride	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
Chlorobenzene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
Chloroethane	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
Chloroform	40	J 170	17	ug/Kg	50	07/19/16	J/P	SW8260C
Chloromethane	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
cis-1,2-Dichloroethene	33	J 170	17	ug/Kg	50	07/19/16	J/P	SW8260C
cis-1,3-Dichloropropene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
Dibromochloromethane	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
Dibromomethane	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
Dichlorodifluoromethane	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
Ethylbenzene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
Hexachlorobutadiene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
Isopropylbenzene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
m&p-Xylene	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
Methyl Ethyl Ketone	ND	170	170	ug/Kg	50	07/19/16	J/P	SW8260C
Methyl t-butyl ether (MTBE)	ND	340	34	ug/Kg	50	07/19/16	J/P	SW8260C
Methylene chloride	ND	170	170	ug/Kg	50	07/19/16	J/P	SW8260C
Naphthalene	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
n-Butylbenzene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
n-Propylbenzene	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
o-Xylene	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
p-Isopropyltoluene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
sec-Butylbenzene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
Styrene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
tert-Butylbenzene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
Tetrachloroethene	2400	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
Tetrahydrofuran (THF)	ND	340	85	ug/Kg	50	07/19/16	J/P	SW8260C
Toluene	43	J 170	17	ug/Kg	50	07/19/16	J/P	SW8260C
trans-1,2-Dichloroethene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
trans-1,3-Dichloropropene	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
trans-1,4-dichloro-2-butene	ND	340	85	ug/Kg	50	07/19/16	J/P	SW8260C
Trichloroethene	19000	D 1700	170	ug/Kg	500	07/20/16	J/P	SW8260C
Trichlorofluoromethane	ND	170	34	ug/Kg	50	07/19/16	J/P	SW8260C
Trichlorotrifluoroethane	ND	170	17	ug/Kg	50	07/19/16	J/P	SW8260C
Vinyl chloride	ND	20	17	ug/Kg	50	07/19/16	J/P	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	93			%	50	07/19/16	J/P	70 - 130 %
% Bromofluorobenzene	101			%	50	07/19/16	J/P	70 - 130 %
% Dibromofluoromethane	99			%	50	07/19/16	J/P	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	128			%	50	07/19/16	J/P	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	1400	1400	ug/kg	50	07/19/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	93			%	50	07/19/16	JLI	70 - 130 %
% Bromofluorobenzene	101			%	50	07/19/16	JLI	70 - 130 %
% Toluene-d8	128			%	50	07/19/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	680	34	ug/Kg	50	07/19/16	JLI	SW8260C
Acrolein	ND	680	85	ug/Kg	50	07/19/16	JLI	SW8260C
Acrylonitrile	ND	680	17	ug/Kg	50	07/19/16	JLI	SW8260C
Tert-butyl alcohol	ND	3400	680	ug/Kg	50	07/19/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

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:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

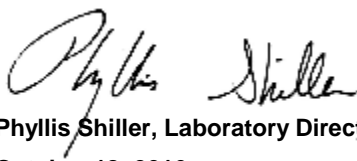
Volatile Comment:

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

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report
 October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

07/16/16
 07/18/16

Time

15:06

Laboratory Data

SDG ID: GBN74859
 Phoenix ID: BN74860

Project ID: 39-40 30TH ST., QUEENS, NY
 Client ID: 16SB3 5-7 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/16/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
2-Chlorotoluene	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
2-Hexanone	ND	17	3.4	ug/Kg	1	07/20/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
4-Chlorotoluene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	17	3.4	ug/Kg	1	07/20/16	JLI	SW8260C
Acetone	ND	34	3.4	ug/Kg	1	07/20/16	JLI	SW8260C
Acrylonitrile	ND	6.8	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
Benzene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
Bromobenzene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
Bromochloromethane	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
Bromodichloromethane	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
Bromoform	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
Bromomethane	ND	3.4	1.4	ug/Kg	1	07/20/16	JLI	SW8260C
Carbon Disulfide	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
Carbon tetrachloride	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
Chlorobenzene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
Chloroethane	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
Chloroform	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
Chloromethane	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
Dibromochloromethane	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
Dibromomethane	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
Ethylbenzene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
Isopropylbenzene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
m&p-Xylene	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	20	3.4	ug/Kg	1	07/20/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	6.8	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
Methylene chloride	ND	3.4	3.4	ug/Kg	1	07/20/16	JLI	SW8260C
Naphthalene	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
n-Butylbenzene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
n-Propylbenzene	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
o-Xylene	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
sec-Butylbenzene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
Styrene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
tert-Butylbenzene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
Tetrachloroethene	450	230	46	ug/Kg	50	07/19/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	6.8	1.7	ug/Kg	1	07/20/16	JLI	SW8260C
Toluene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	6.8	1.7	ug/Kg	1	07/20/16	JLI	SW8260C
Trichloroethene	1000	230	23	ug/Kg	50	07/19/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.4	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
Vinyl chloride	ND	3.4	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	07/20/16	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	07/20/16	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	07/20/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101			%	1	07/20/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	68	27	ug/kg	1	07/20/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	07/20/16	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	07/20/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	07/20/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	14	0.68	ug/Kg	1	07/20/16	JLI	SW8260C
Acrolein	ND	14	1.7	ug/Kg	1	07/20/16	JLI	SW8260C
Acrylonitrile	ND	14	0.34	ug/Kg	1	07/20/16	JLI	SW8260C
Tert-butyl alcohol	ND	68	14	ug/Kg	1	07/20/16	JLI	SW8260C

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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

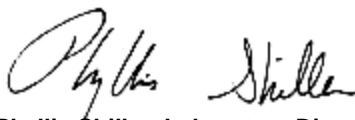
Comments:

Results are reported on an "as received" basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report
 October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

07/16/16
 07/18/16

Time

15:06

Laboratory Data

SDG ID: GBN74859
 Phoenix ID: BN74861

Project ID: 39-40 30TH ST., QUEENS, NY
 Client ID: 16SB3 10-12 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/16/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloroethane	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloroethene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloropropene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dibromoethane	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichloroethane	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichloropropane	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
1,3-Dichloropropane	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
2,2-Dichloropropane	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
2-Chlorotoluene	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
2-Hexanone	ND	14	2.9	ug/Kg	1	07/20/16	JLI	SW8260C
2-Isopropyltoluene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
4-Chlorotoluene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	14	2.9	ug/Kg	1	07/20/16	JLI	SW8260C
Acetone	19	JS 29	2.9	ug/Kg	1	07/20/16	JLI	SW8260C
Acrylonitrile	ND	5.7	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
Benzene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
Bromobenzene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
Bromochloromethane	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
Bromodichloromethane	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
Bromoform	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
Bromomethane	ND	2.9	1.1	ug/Kg	1	07/20/16	JLI	SW8260C
Carbon Disulfide	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
Carbon tetrachloride	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
Chlorobenzene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
Chloroethane	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
Chloroform	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
Chloromethane	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
Dibromochloromethane	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
Dibromomethane	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
Dichlorodifluoromethane	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
Ethylbenzene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
Hexachlorobutadiene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
Isopropylbenzene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
m&p-Xylene	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	17	2.9	ug/Kg	1	07/20/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	5.7	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
Methylene chloride	ND	2.9	2.9	ug/Kg	1	07/20/16	JLI	SW8260C
Naphthalene	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
n-Butylbenzene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
n-Propylbenzene	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
o-Xylene	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
p-Isopropyltoluene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
sec-Butylbenzene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
Styrene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
tert-Butylbenzene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
Tetrachloroethene	1.0	J 2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	5.7	1.4	ug/Kg	1	07/20/16	JLI	SW8260C
Toluene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	5.7	1.4	ug/Kg	1	07/20/16	JLI	SW8260C
Trichloroethene	1.9	J 2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
Trichlorofluoromethane	ND	2.9	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
Vinyl chloride	ND	2.9	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	07/20/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/20/16	JLI	70 - 130 %
% Dibromofluoromethane	107			%	1	07/20/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	90			%	1	07/20/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	57	23	ug/kg	1	07/20/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	07/20/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/20/16	JLI	70 - 130 %
% Toluene-d8	90			%	1	07/20/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	11	0.57	ug/Kg	1	07/20/16	JLI	SW8260C
Acrolein	ND	11	1.4	ug/Kg	1	07/20/16	JLI	SW8260C
Acrylonitrile	ND	11	0.29	ug/Kg	1	07/20/16	JLI	SW8260C
Tert-butyl alcohol	ND	57	11	ug/Kg	1	07/20/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

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:

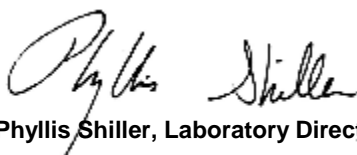
Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

S - Laboratory solvent, contamination is possible.

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

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Phyllis Shiller, Laboratory Director

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report
 October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

07/16/16
 07/18/16

Time

15:06

Laboratory Data

SDG ID: GBN74859
 Phoenix ID: BN74862

Project ID: 39-40 30TH ST., QUEENS, NY
 Client ID: 16SB3 15-17 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/16/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
2-Chlorotoluene	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
2-Hexanone	ND	18	3.7	ug/Kg	1	07/20/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
4-Chlorotoluene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	18	3.7	ug/Kg	1	07/20/16	JLI	SW8260C
Acetone	ND	37	3.7	ug/Kg	1	07/20/16	JLI	SW8260C
Acrylonitrile	ND	7.3	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
Benzene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
Bromobenzene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
Bromochloromethane	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
Bromodichloromethane	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
Bromoform	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
Bromomethane	ND	3.7	1.5	ug/Kg	1	07/20/16	JLI	SW8260C
Carbon Disulfide	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
Carbon tetrachloride	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
Chlorobenzene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
Chloroethane	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
Chloroform	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
Chloromethane	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
Dibromochloromethane	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
Dibromomethane	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
Ethylbenzene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
Isopropylbenzene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
m&p-Xylene	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	22	3.7	ug/Kg	1	07/20/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.3	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
Methylene chloride	ND	3.7	3.7	ug/Kg	1	07/20/16	JLI	SW8260C
Naphthalene	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
n-Butylbenzene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
n-Propylbenzene	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
o-Xylene	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
sec-Butylbenzene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
Styrene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
tert-Butylbenzene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
Tetrachloroethene	4.0	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.3	1.8	ug/Kg	1	07/20/16	JLI	SW8260C
Toluene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.3	1.8	ug/Kg	1	07/20/16	JLI	SW8260C
Trichloroethene	6.0	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.7	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
Vinyl chloride	ND	3.7	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	07/20/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/20/16	JLI	70 - 130 %
% Dibromofluoromethane	105			%	1	07/20/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	91			%	1	07/20/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	73	29	ug/kg	1	07/20/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	07/20/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/20/16	JLI	70 - 130 %
% Toluene-d8	91			%	1	07/20/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	15	0.73	ug/Kg	1	07/20/16	JLI	SW8260C
Acrolein	ND	15	1.8	ug/Kg	1	07/20/16	JLI	SW8260C
Acrylonitrile	ND	15	0.37	ug/Kg	1	07/20/16	JLI	SW8260C
Tert-butyl alcohol	ND	73	15	ug/Kg	1	07/20/16	JLI	SW8260C

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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

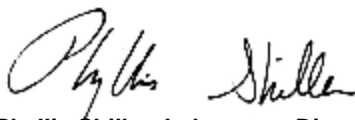
Comments:

Results are reported on an "as received" basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

07/16/16

Time

15:06

Laboratory Data

SDG ID: GBN74859
 Phoenix ID: BN74863

Project ID: 39-40 30TH ST., QUEENS, NY
 Client ID: 16SB5 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/16/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
1,1-Dichloroethane	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
1,1-Dichloroethene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
1,1-Dichloropropene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
1,2-Dibromoethane	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
1,2-Dichloroethane	ND	20	20	ug/Kg	50	07/19/16	J/P	SW8260C
1,2-Dichloropropane	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
1,3-Dichloropropane	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
2,2-Dichloropropane	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
2-Chlorotoluene	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
2-Hexanone	ND	1300	250	ug/Kg	50	07/19/16	J/P	SW8260C
2-Isopropyltoluene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
4-Chlorotoluene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	07/19/16	J/P	SW8260C
Acetone	ND	250	250	ug/Kg	50	07/19/16	J/P	SW8260C
Acrylonitrile	ND	500	50	ug/Kg	50	07/19/16	J/P	SW8260C
Benzene	ND	50	25	ug/Kg	50	07/19/16	J/P	SW8260C
Bromobenzene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
Bromochloromethane	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
Bromodichloromethane	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
Bromoform	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
Bromomethane	ND	250	100	ug/Kg	50	07/19/16	J/P	SW8260C
Carbon Disulfide	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
Carbon tetrachloride	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
Chlorobenzene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
Chloroethane	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
Chloroform	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
Chloromethane	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
cis-1,2-Dichloroethene	ND	130	25	ug/Kg	50	07/19/16	J/P	SW8260C
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
Dibromochloromethane	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
Dibromomethane	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
Ethylbenzene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
Hexachlorobutadiene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
Isopropylbenzene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
m&p-Xylene	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
Methyl Ethyl Ketone	ND	250	250	ug/Kg	50	07/19/16	J/P	SW8260C
Methyl t-butyl ether (MTBE)	ND	500	50	ug/Kg	50	07/19/16	J/P	SW8260C
Methylene chloride	ND	250	250	ug/Kg	50	07/19/16	J/P	SW8260C
Naphthalene	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
n-Butylbenzene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
n-Propylbenzene	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
o-Xylene	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
p-Isopropyltoluene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
sec-Butylbenzene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
Styrene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
tert-Butylbenzene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
Tetrachloroethene	1320	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	07/19/16	J/P	SW8260C
Toluene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
trans-1,2-Dichloroethene	ND	130	25	ug/Kg	50	07/19/16	J/P	SW8260C
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	07/19/16	J/P	SW8260C
Trichloroethene	4800	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
Trichlorofluoromethane	ND	250	50	ug/Kg	50	07/19/16	J/P	SW8260C
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	07/19/16	J/P	SW8260C
Vinyl chloride	ND	20	20	ug/Kg	50	07/19/16	J/P	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	50	07/19/16	J/P	70 - 130 %
% Bromofluorobenzene	99			%	50	07/19/16	J/P	70 - 130 %
% Dibromofluoromethane	99			%	50	07/19/16	J/P	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101			%	50	07/19/16	J/P	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	2000	2000	ug/kg	50	07/19/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	50	07/19/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	50	07/19/16	JLI	70 - 130 %
% Toluene-d8	101			%	50	07/19/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1000	50	ug/Kg	50	07/19/16	JLI	SW8260C
Acrolein	ND	1000	130	ug/Kg	50	07/19/16	JLI	SW8260C
Acrylonitrile	ND	1000	25	ug/Kg	50	07/19/16	JLI	SW8260C
Tert-butyl alcohol	ND	5000	1000	ug/Kg	50	07/19/16	JLI	SW8260C

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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an "as received" basis, and are not corrected for dry weight.

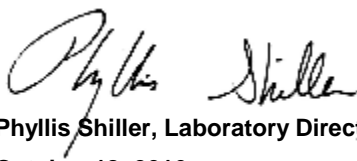
Volatile Comment:

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

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Phyllis Shiller, Laboratory Director

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report
 October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

07/16/16
 07/18/16

Time

15:06

Laboratory Data

SDG ID: GBN74859
 Phoenix ID: BN74864

Project ID: 39-40 30TH ST., QUEENS, NY
 Client ID: 16SB5 5-7 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/16/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloroethene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
2-Chlorotoluene	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
2-Hexanone	ND	21	4.2	ug/Kg	1	07/20/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
4-Chlorotoluene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	21	4.2	ug/Kg	1	07/20/16	JLI	SW8260C
Acetone	14	JS 42	4.2	ug/Kg	1	07/20/16	JLI	SW8260C
Acrylonitrile	ND	8.4	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
Benzene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
Bromobenzene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
Bromochloromethane	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
Bromodichloromethane	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
Bromoform	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
Bromomethane	ND	4.2	1.7	ug/Kg	1	07/20/16	JLI	SW8260C
Carbon Disulfide	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
Carbon tetrachloride	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
Chlorobenzene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
Chloroethane	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
Chloroform	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
Chloromethane	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
Dibromochloromethane	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
Dibromomethane	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
Ethylbenzene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
Isopropylbenzene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
m&p-Xylene	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	25	4.2	ug/Kg	1	07/20/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.4	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
Methylene chloride	ND	4.2	4.2	ug/Kg	1	07/20/16	JLI	SW8260C
Naphthalene	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
n-Butylbenzene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
n-Propylbenzene	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
o-Xylene	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
sec-Butylbenzene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
Styrene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
tert-Butylbenzene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
Tetrachloroethene	0.84	J 4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.4	2.1	ug/Kg	1	07/20/16	JLI	SW8260C
Toluene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.4	2.1	ug/Kg	1	07/20/16	JLI	SW8260C
Trichloroethene	0.87	J 4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.2	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
Vinyl chloride	ND	4.2	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	07/20/16	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	07/20/16	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	07/20/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	90			%	1	07/20/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	84	34	ug/kg	1	07/20/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	1	07/20/16	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	07/20/16	JLI	70 - 130 %
% Toluene-d8	90			%	1	07/20/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	17	0.84	ug/Kg	1	07/20/16	JLI	SW8260C
Acrolein	ND	17	2.1	ug/Kg	1	07/20/16	JLI	SW8260C
Acrylonitrile	ND	17	0.42	ug/Kg	1	07/20/16	JLI	SW8260C
Tert-butyl alcohol	ND	84	17	ug/Kg	1	07/20/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

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:

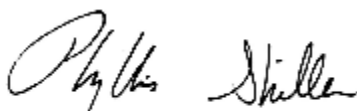
Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

S - Laboratory solvent, contamination is possible.

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

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Phyllis Shiller, Laboratory Director

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

07/16/16

Time

15:06

Laboratory Data

SDG ID: GBN74859
 Phoenix ID: BN74865

Project ID: 39-40 30TH ST., QUEENS, NY
 Client ID: 16SB5 10-12 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/16/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
2-Chlorotoluene	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
2-Hexanone	ND	19	3.9	ug/Kg	1	07/20/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
4-Chlorotoluene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	19	3.9	ug/Kg	1	07/20/16	JLI	SW8260C
Acetone	ND	39	3.9	ug/Kg	1	07/20/16	JLI	SW8260C
Acrylonitrile	ND	7.7	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
Benzene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
Bromobenzene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
Bromochloromethane	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
Bromodichloromethane	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
Bromoform	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
Bromomethane	ND	3.9	1.5	ug/Kg	1	07/20/16	JLI	SW8260C
Carbon Disulfide	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
Carbon tetrachloride	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
Chlorobenzene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
Chloroethane	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
Chloroform	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
Chloromethane	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
Dibromochloromethane	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
Dibromomethane	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
Ethylbenzene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
Isopropylbenzene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
m&p-Xylene	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	23	3.9	ug/Kg	1	07/20/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.7	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
Methylene chloride	ND	3.9	3.9	ug/Kg	1	07/20/16	JLI	SW8260C
Naphthalene	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
n-Butylbenzene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
n-Propylbenzene	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
o-Xylene	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
sec-Butylbenzene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
Styrene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
tert-Butylbenzene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
Tetrachloroethene	2.1	J 3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.7	1.9	ug/Kg	1	07/20/16	JLI	SW8260C
Toluene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.7	1.9	ug/Kg	1	07/20/16	JLI	SW8260C
Trichloroethene	1.4	J 3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.9	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
Vinyl chloride	ND	3.9	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	07/20/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	07/20/16	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	07/20/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	90			%	1	07/20/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	77	31	ug/kg	1	07/20/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	1	07/20/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	07/20/16	JLI	70 - 130 %
% Toluene-d8	90			%	1	07/20/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	15	0.77	ug/Kg	1	07/20/16	JLI	SW8260C
Acrolein	ND	15	1.9	ug/Kg	1	07/20/16	JLI	SW8260C
Acrylonitrile	ND	15	0.39	ug/Kg	1	07/20/16	JLI	SW8260C
Tert-butyl alcohol	ND	77	15	ug/Kg	1	07/20/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

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.

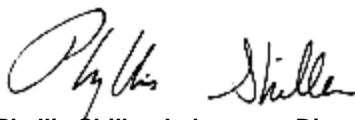
Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

07/16/16

Time

15:06

Laboratory Data

SDG ID: GBN74859
 Phoenix ID: BN74866

Project ID: 39-40 30TH ST., QUEENS, NY
 Client ID: 16SB6 0-2 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/16/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
1,1-Dichloroethane	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
1,1-Dichloroethene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
1,1-Dichloropropene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dibromoethane	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dichloroethane	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dichloropropane	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
1,3-Dichloropropane	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
2,2-Dichloropropane	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
2-Chlorotoluene	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
2-Hexanone	ND	12	2.5	ug/Kg	1	07/21/16	JLI	SW8260C
2-Isopropyltoluene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
4-Chlorotoluene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	12	2.5	ug/Kg	1	07/21/16	JLI	SW8260C
Acetone	ND	25	2.5	ug/Kg	1	07/21/16	JLI	SW8260C
Acrylonitrile	ND	4.9	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
Benzene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
Bromobenzene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
Bromochloromethane	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
Bromodichloromethane	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
Bromoform	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
Bromomethane	ND	2.5	0.98	ug/Kg	1	07/21/16	JLI	SW8260C
Carbon Disulfide	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
Carbon tetrachloride	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
Chlorobenzene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
Chloroethane	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
Chloroform	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
Chloromethane	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
Dibromochloromethane	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
Dibromomethane	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
Dichlorodifluoromethane	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
Ethylbenzene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
Hexachlorobutadiene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
Isopropylbenzene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
m&p-Xylene	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	15	2.5	ug/Kg	1	07/21/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	4.9	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
Methylene chloride	ND	2.5	2.5	ug/Kg	1	07/21/16	JLI	SW8260C
Naphthalene	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
n-Butylbenzene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
n-Propylbenzene	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
o-Xylene	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
p-Isopropyltoluene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
sec-Butylbenzene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
Styrene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
tert-Butylbenzene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
Tetrachloroethene	110	J 210	42	ug/Kg	50	07/19/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	4.9	1.2	ug/Kg	1	07/21/16	JLI	SW8260C
Toluene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	4.9	1.2	ug/Kg	1	07/21/16	JLI	SW8260C
Trichloroethene	360	210	21	ug/Kg	50	07/19/16	JLI	SW8260C
Trichlorofluoromethane	ND	2.5	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
Vinyl chloride	ND	2.5	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	07/21/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	07/21/16	JLI	70 - 130 %
% Dibromofluoromethane	103			%	1	07/21/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	92			%	1	07/21/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	49	20	ug/kg	1	07/21/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	1	07/21/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	07/21/16	JLI	70 - 130 %
% Toluene-d8	92			%	1	07/21/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	9.8	0.49	ug/Kg	1	07/21/16	JLI	SW8260C
Acrolein	ND	9.8	1.2	ug/Kg	1	07/21/16	JLI	SW8260C
Acrylonitrile	ND	9.8	0.25	ug/Kg	1	07/21/16	JLI	SW8260C
Tert-butyl alcohol	ND	49	9.8	ug/Kg	1	07/21/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

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.

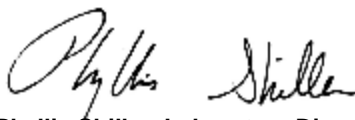
Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

07/16/16
 07/18/16

Time

15:06

Laboratory Data

SDG ID: GBN74859
 Phoenix ID: BN74867

Project ID: 39-40 30TH ST., QUEENS, NY
 Client ID: 16SB6 5-7 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/16/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
2-Chlorotoluene	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
2-Hexanone	ND	19	3.7	ug/Kg	1	07/21/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
4-Chlorotoluene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	19	3.7	ug/Kg	1	07/21/16	JLI	SW8260C
Acetone	ND	37	3.7	ug/Kg	1	07/21/16	JLI	SW8260C
Acrylonitrile	ND	7.4	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
Benzene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
Bromobenzene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
Bromochloromethane	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
Bromodichloromethane	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
Bromoform	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
Bromomethane	ND	3.7	1.5	ug/Kg	1	07/21/16	JLI	SW8260C
Carbon Disulfide	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
Carbon tetrachloride	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
Chlorobenzene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
Chloroethane	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
Chloroform	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
Chloromethane	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
Dibromochloromethane	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
Dibromomethane	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
Ethylbenzene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
Isopropylbenzene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
m&p-Xylene	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	22	3.7	ug/Kg	1	07/21/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.4	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
Methylene chloride	ND	3.7	3.7	ug/Kg	1	07/21/16	JLI	SW8260C
Naphthalene	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
n-Butylbenzene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
n-Propylbenzene	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
o-Xylene	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
sec-Butylbenzene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
Styrene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
tert-Butylbenzene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
Tetrachloroethene	3.6	J 3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	J 7.4	1.9	ug/Kg	1	07/21/16	JLI	SW8260C
Toluene	20	J 190	19	ug/Kg	50	07/19/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.4	1.9	ug/Kg	1	07/21/16	JLI	SW8260C
Trichloroethene	7.8	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.7	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
Vinyl chloride	ND	3.7	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	07/21/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	07/21/16	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	07/21/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	90			%	1	07/21/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	74	30	ug/kg	1	07/21/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	1	07/21/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	07/21/16	JLI	70 - 130 %
% Toluene-d8	90			%	1	07/21/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	15	0.74	ug/Kg	1	07/21/16	JLI	SW8260C
Acrolein	ND	15	1.9	ug/Kg	1	07/21/16	JLI	SW8260C
Acrylonitrile	ND	15	0.37	ug/Kg	1	07/21/16	JLI	SW8260C
Tert-butyl alcohol	ND	74	15	ug/Kg	1	07/21/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

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.

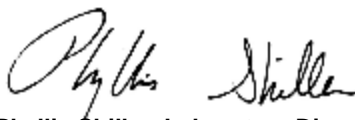
Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

07/16/16

Time

15:06

Laboratory Data

SDG ID: GBN74859
 Phoenix ID: BN74868

Project ID: 39-40 30TH ST., QUEENS, NY
 Client ID: 16SB6 10-12 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/16/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
2-Chlorotoluene	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
2-Hexanone	ND	19	3.9	ug/Kg	1	07/21/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
4-Chlorotoluene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	19	3.9	ug/Kg	1	07/21/16	JLI	SW8260C
Acetone	ND	39	3.9	ug/Kg	1	07/21/16	JLI	SW8260C
Acrylonitrile	ND	7.7	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
Benzene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
Bromobenzene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
Bromochloromethane	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
Bromodichloromethane	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
Bromoform	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
Bromomethane	ND	3.9	1.5	ug/Kg	1	07/21/16	JLI	SW8260C
Carbon Disulfide	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
Carbon tetrachloride	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
Chlorobenzene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
Chloroethane	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
Chloroform	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
Chloromethane	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
Dibromochloromethane	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
Dibromomethane	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
Ethylbenzene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
Isopropylbenzene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
m&p-Xylene	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	23	3.9	ug/Kg	1	07/21/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.7	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
Methylene chloride	ND	3.9	3.9	ug/Kg	1	07/21/16	JLI	SW8260C
Naphthalene	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
n-Butylbenzene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
n-Propylbenzene	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
o-Xylene	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
sec-Butylbenzene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
Styrene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
tert-Butylbenzene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
Tetrachloroethene	3.3	J 3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.7	1.9	ug/Kg	1	07/21/16	JLI	SW8260C
Toluene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.7	1.9	ug/Kg	1	07/21/16	JLI	SW8260C
Trichloroethene	3.3	J 3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.9	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
Vinyl chloride	ND	3.9	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	07/21/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/21/16	JLI	70 - 130 %
% Dibromofluoromethane	103			%	1	07/21/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	91			%	1	07/21/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	77	31	ug/kg	1	07/21/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	1	07/21/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/21/16	JLI	70 - 130 %
% Toluene-d8	91			%	1	07/21/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	15	0.77	ug/Kg	1	07/21/16	JLI	SW8260C
Acrolein	ND	15	1.9	ug/Kg	1	07/21/16	JLI	SW8260C
Acrylonitrile	ND	15	0.39	ug/Kg	1	07/21/16	JLI	SW8260C
Tert-butyl alcohol	ND	77	15	ug/Kg	1	07/21/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

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.

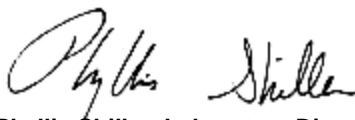
Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

07/16/16

Time

15:06

Laboratory Data

SDG ID: GBN74859
 Phoenix ID: BN74869

Project ID: 39-40 30TH ST., QUEENS, NY
 Client ID: 16SB6 15-17 FT

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/16/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
1,1-Dichloroethene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
2-Chlorotoluene	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
2-Hexanone	ND	24	4.8	ug/Kg	1	07/21/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
4-Chlorotoluene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	24	4.8	ug/Kg	1	07/21/16	JLI	SW8260C
Acetone	ND	48	4.8	ug/Kg	1	07/21/16	JLI	SW8260C
Acrylonitrile	ND	9.6	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
Benzene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
Bromobenzene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
Bromochloromethane	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
Bromodichloromethane	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
Bromoform	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
Bromomethane	ND	4.8	1.9	ug/Kg	1	07/21/16	JLI	SW8260C
Carbon Disulfide	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
Carbon tetrachloride	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
Chlorobenzene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
Chloroethane	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
Chloroform	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
Chloromethane	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
Dibromochloromethane	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
Dibromomethane	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
Ethylbenzene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
Isopropylbenzene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
m&p-Xylene	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	29	4.8	ug/Kg	1	07/21/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.6	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
Methylene chloride	ND	4.8	4.8	ug/Kg	1	07/21/16	JLI	SW8260C
Naphthalene	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
n-Butylbenzene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
n-Propylbenzene	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
o-Xylene	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
sec-Butylbenzene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
Styrene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
tert-Butylbenzene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
Tetrachloroethene	5.1	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.6	2.4	ug/Kg	1	07/21/16	JLI	SW8260C
Toluene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.6	2.4	ug/Kg	1	07/21/16	JLI	SW8260C
Trichloroethene	2.7	J 4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.8	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
Vinyl chloride	ND	4.8	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	93			%	1	07/21/16	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	07/21/16	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	07/21/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	90			%	1	07/21/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	96	38	ug/kg	1	07/21/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	93			%	1	07/21/16	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	07/21/16	JLI	70 - 130 %
% Toluene-d8	90			%	1	07/21/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	19	0.96	ug/Kg	1	07/21/16	JLI	SW8260C
Acrolein	ND	19	2.4	ug/Kg	1	07/21/16	JLI	SW8260C
Acrylonitrile	ND	19	0.48	ug/Kg	1	07/21/16	JLI	SW8260C
Tert-butyl alcohol	ND	96	19	ug/Kg	1	07/21/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

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.

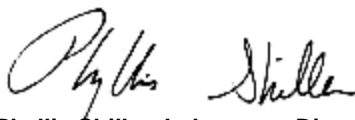
Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

07/16/16
 07/18/16

Time

15:06

Laboratory Data

SDG ID: GBN74859
 Phoenix ID: BN74870

Project ID: 39-40 30TH ST., QUEENS, NY
 Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/16/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
2-Hexanone	ND	25	5.0	ug/Kg	1	07/20/16	JLI	SW8260C
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	07/20/16	JLI	SW8260C
Acetone	ND	50	5.0	ug/Kg	1	07/20/16	JLI	SW8260C
Acrylonitrile	ND	10	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
Benzene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
Bromobenzene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
Bromoform	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
Bromomethane	ND	5.0	2.0	ug/Kg	1	07/20/16	JLI	SW8260C
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
Chloroethane	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
Chloroform	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
Chloromethane	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
Dibromomethane	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	5.0	ug/Kg	1	07/20/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
Methylene chloride	ND	5.0	5.0	ug/Kg	1	07/20/16	JLI	SW8260C
Naphthalene	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
o-Xylene	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
Styrene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	07/20/16	JLI	SW8260C
Toluene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	07/20/16	JLI	SW8260C
Trichloroethene	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	07/20/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	07/20/16	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	07/20/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	89			%	1	07/20/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	40	ug/kg	1	07/20/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	1	07/20/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	07/20/16	JLI	70 - 130 %
% Toluene-d8	89			%	1	07/20/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	20	1.0	ug/Kg	1	07/20/16	JLI	SW8260C
Acrolein	ND	20	2.5	ug/Kg	1	07/20/16	JLI	SW8260C
Acrylonitrile	ND	20	0.50	ug/Kg	1	07/20/16	JLI	SW8260C
Tert-butyl alcohol	ND	100	20	ug/Kg	1	07/20/16	JLI	SW8260C

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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

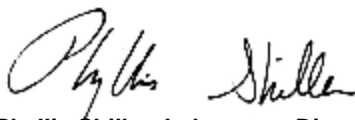
Comments:

Results are reported on an "as received" basis, and are not corrected for dry weight., TRIP BLANK INCLUDED.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date

07/16/16
 07/18/16

Time

15:06

Laboratory Data

SDG ID: GBN74859
 Phoenix ID: BN74871

Project ID: 39-40 30TH ST., QUEENS, NY
 Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/16/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
1,1-Dichloroethane	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
1,1-Dichloroethene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
1,1-Dichloropropene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
1,2-Dibromoethane	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
1,2-Dichloroethane	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
1,2-Dichloropropane	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
1,3-Dichloropropane	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
2,2-Dichloropropane	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
2-Chlorotoluene	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
2-Hexanone	ND	1300	250	ug/Kg	50	07/20/16	JLI	SW8260C
2-Isopropyltoluene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
4-Chlorotoluene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	07/20/16	JLI	SW8260C
Acetone	ND	2500	250	ug/Kg	50	07/20/16	JLI	SW8260C
Acrylonitrile	ND	500	50	ug/Kg	50	07/20/16	JLI	SW8260C
Benzene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
Bromobenzene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
Bromochloromethane	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
Bromodichloromethane	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
Bromoform	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
Bromomethane	ND	250	100	ug/Kg	50	07/20/16	JLI	SW8260C
Carbon Disulfide	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
Carbon tetrachloride	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
Chlorobenzene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
Chloroethane	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
Chloroform	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
Chloromethane	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
Dibromochloromethane	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
Dibromomethane	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
Ethylbenzene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
Hexachlorobutadiene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
Isopropylbenzene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
m&p-Xylene	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	1500	250	ug/Kg	50	07/20/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	500	50	ug/Kg	50	07/20/16	JLI	SW8260C
Methylene chloride	ND	250	250	ug/Kg	50	07/20/16	JLI	SW8260C
Naphthalene	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
n-Butylbenzene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
n-Propylbenzene	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
o-Xylene	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
p-Isopropyltoluene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
sec-Butylbenzene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
Styrene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
tert-Butylbenzene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
Tetrachloroethene	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	07/20/16	JLI	SW8260C
Toluene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	07/20/16	JLI	SW8260C
Trichloroethene	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
Trichlorofluoromethane	ND	250	50	ug/Kg	50	07/20/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
Vinyl chloride	ND	250	25	ug/Kg	50	07/20/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	94			%	50	07/20/16	JLI	70 - 130 %
% Bromofluorobenzene	101			%	50	07/20/16	JLI	70 - 130 %
% Dibromofluoromethane	99			%	50	07/20/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	92			%	50	07/20/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	5000	2000	ug/kg	50	07/20/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	50	07/20/16	JLI	70 - 130 %
% Bromofluorobenzene	101			%	50	07/20/16	JLI	70 - 130 %
% Toluene-d8	92			%	50	07/20/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1000	50	ug/Kg	50	07/20/16	JLI	SW8260C
Acrolein	ND	1000	130	ug/Kg	50	07/20/16	JLI	SW8260C
Acrylonitrile	ND	1000	25	ug/Kg	50	07/20/16	JLI	SW8260C
Tert-butyl alcohol	ND	5000	1000	ug/Kg	50	07/20/16	JLI	SW8260C

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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit
 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.

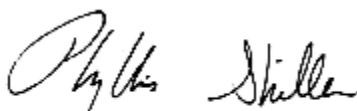
Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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QA/QC Report

October 18, 2016

QA/QC Data

SDG I.D.: GBN74859

Parameter	BIK		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
QA/QC Batch 352953 (ug/kg), QC Sample No: BN74855 (BN74859 (500X) , BN74860, BN74861, BN74862, BN74864, BN74865, BN74870, BN74871 (50X))										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	5.0	90	88	2.2	86	92	6.7	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	94	93	1.1	92	96	4.3	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	89	86	3.4	84	85	1.2	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	89	89	0.0	86	89	3.4	70 - 130	30
1,1-Dichloroethane	ND	5.0	94	93	1.1	92	96	4.3	70 - 130	30
1,1-Dichloroethene	ND	5.0	98	97	1.0	90	93	3.3	70 - 130	30
1,1-Dichloropropene	ND	5.0	94	95	1.1	93	99	6.3	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	97	89	8.6	86	93	7.8	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	83	83	0.0	81	83	2.4	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	97	91	6.4	87	92	5.6	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	93	92	1.1	92	96	4.3	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	86	85	1.2	85	84	1.2	70 - 130	30
1,2-Dibromoethane	ND	5.0	86	85	1.2	85	87	2.3	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	91	91	0.0	90	94	4.3	70 - 130	30
1,2-Dichloroethane	ND	5.0	91	90	1.1	89	93	4.4	70 - 130	30
1,2-Dichloropropane	ND	5.0	94	93	1.1	92	97	5.3	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	94	93	1.1	91	97	6.4	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	89	89	0.0	87	90	3.4	70 - 130	30
1,3-Dichloropropane	ND	5.0	85	84	1.2	84	87	3.5	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	93	92	1.1	90	95	5.4	70 - 130	30
1,4-dioxane	ND	100	95	92	3.2	89	90	1.1	70 - 130	30
2,2-Dichloropropane	ND	5.0	88	92	4.4	83	88	5.8	70 - 130	30
2-Chlorotoluene	ND	5.0	94	93	1.1	90	95	5.4	70 - 130	30
2-Hexanone	ND	25	79	78	1.3	76	77	1.3	70 - 130	30
2-Isopropyltoluene	ND	5.0	96	95	1.0	94	99	5.2	70 - 130	30
4-Chlorotoluene	ND	5.0	90	88	2.2	87	92	5.6	70 - 130	30
4-Methyl-2-pentanone	ND	25	86	85	1.2	82	82	0.0	70 - 130	30
Acetone	ND	10	87	83	4.7	74	74	0.0	70 - 130	30
Acrolein	ND	25	95	90	5.4	78	78	0.0	70 - 130	30
Acrylonitrile	ND	5.0	89	86	3.4	86	82	4.8	70 - 130	30
Benzene	ND	1.0	91	92	1.1	91	95	4.3	70 - 130	30
Bromobenzene	ND	5.0	95	94	1.1	92	97	5.3	70 - 130	30
Bromochloromethane	ND	5.0	93	90	3.3	87	90	3.4	70 - 130	30
Bromodichloromethane	ND	5.0	94	95	1.1	91	96	5.3	70 - 130	30
Bromoform	ND	5.0	85	83	2.4	77	78	1.3	70 - 130	30
Bromomethane	ND	5.0	112	111	0.9	77	88	13.3	70 - 130	30
Carbon Disulfide	ND	5.0	99	98	1.0	88	93	5.5	70 - 130	30
Carbon tetrachloride	ND	5.0	94	93	1.1	89	96	7.6	70 - 130	30
Chlorobenzene	ND	5.0	89	88	1.1	88	93	5.5	70 - 130	30
Chloroethane	ND	5.0	106	107	0.9	38	37	2.7	70 - 130	30

QA/QC Data

SDG I.D.: GBN74859

Parameter	BIK		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
Chloroform	ND	5.0	93	90	3.3	91	89	2.2	70 - 130	30
Chloromethane	ND	5.0	101	99	2.0	96	101	5.1	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	94	93	1.1	92	95	3.2	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	90	91	1.1	86	90	4.5	70 - 130	30
Dibromochloromethane	ND	3.0	89	89	0.0	84	88	4.7	70 - 130	30
Dibromomethane	ND	5.0	93	92	1.1	90	94	4.3	70 - 130	30
Dichlorodifluoromethane	ND	5.0	92	90	2.2	87	94	7.7	70 - 130	30
Ethylbenzene	ND	1.0	91	91	0.0	91	98	7.4	70 - 130	30
Hexachlorobutadiene	ND	5.0	93	92	1.1	93	99	6.3	70 - 130	30
Isopropylbenzene	ND	1.0	93	92	1.1	91	97	6.4	70 - 130	30
m&p-Xylene	ND	2.0	89	88	1.1	88	92	4.4	70 - 130	30
Methyl ethyl ketone	ND	5.0	83	78	6.2	78	76	2.6	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	87	85	2.3	84	85	1.2	70 - 130	30
Methylene chloride	ND	5.0	77	75	2.6	72	76	5.4	70 - 130	30
Naphthalene	ND	5.0	106	99	6.8	89	97	8.6	70 - 130	30
n-Butylbenzene	ND	1.0	96	95	1.0	95	100	5.1	70 - 130	30
n-Propylbenzene	ND	1.0	94	93	1.1	92	97	5.3	70 - 130	30
o-Xylene	ND	2.0	90	89	1.1	89	93	4.4	70 - 130	30
p-Isopropyltoluene	ND	1.0	95	94	1.1	93	98	5.2	70 - 130	30
sec-Butylbenzene	ND	1.0	94	95	1.1	93	99	6.3	70 - 130	30
Styrene	ND	5.0	87	87	0.0	85	90	5.7	70 - 130	30
tert-butyl alcohol	ND	100	95	95	0.0	86	86	0.0	70 - 130	30
tert-Butylbenzene	ND	1.0	92	92	0.0	91	97	6.4	70 - 130	30
Tetrachloroethene	ND	5.0	96	97	1.0	95	99	4.1	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	84	82	2.4	83	79	4.9	70 - 130	30
Toluene	ND	1.0	95	96	1.0	96	100	4.1	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	97	96	1.0	94	99	5.2	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	88	89	1.1	83	87	4.7	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	89	89	0.0	79	80	1.3	70 - 130	30
Trichloroethene	ND	5.0	92	91	1.1	90	95	5.4	70 - 130	30
Trichlorofluoromethane	ND	5.0	100	100	0.0	25	27	7.7	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	99	101	2.0	93	98	5.2	70 - 130	30
Vinyl chloride	ND	5.0	106	103	2.9	106	113	6.4	70 - 130	30
% 1,2-dichlorobenzene-d4	94	%	102	101	1.0	100	100	0.0	70 - 130	30
% Bromofluorobenzene	102	%	99	98	1.0	96	96	0.0	70 - 130	30
% Dibromofluoromethane	101	%	102	98	4.0	97	97	0.0	70 - 130	30
% Toluene-d8	89	%	103	104	1.0	104	104	0.0	70 - 130	30

QA/QC Batch 352796 (ug/kg), QC Sample No: BN75123 (BN74859 (50X) , BN74860 (50X) , BN74863 (50X) , BN74866 (50X) , BN74867 (50X))

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	5.0	87	89	2.3	86			70 - 130	30
1,1,1-Trichloroethane	ND	5.0	88	90	2.2	88			70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	87	88	1.1	87			70 - 130	30
1,1,2-Trichloroethane	ND	5.0	89	88	1.1	88			70 - 130	30
1,1-Dichloroethane	ND	5.0	89	91	2.2	86			70 - 130	30
1,1-Dichloroethene	ND	5.0	91	95	4.3	84			70 - 130	30
1,1-Dichloropropene	ND	5.0	89	94	5.5	89			70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	89	83	7.0	86			70 - 130	30
1,2,3-Trichloropropane	ND	5.0	82	84	2.4	81			70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	89	85	4.6	85			70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	87	90	3.4	89			70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	88	85	3.5	84			70 - 130	30

QA/QC Data

SDG I.D.: GBN74859

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dibromoethane	ND	5.0	85	87	2.3	87			70 - 130	30
1,2-Dichlorobenzene	ND	5.0	89	91	2.2	89			70 - 130	30
1,2-Dichloroethane	ND	5.0	88	90	2.2	90			70 - 130	30
1,2-Dichloropropane	ND	5.0	88	92	4.4	90			70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	88	92	4.4	91			70 - 130	30
1,3-Dichlorobenzene	ND	5.0	86	88	2.3	86			70 - 130	30
1,3-Dichloropropane	ND	5.0	85	86	1.2	86			70 - 130	30
1,4-Dichlorobenzene	ND	5.0	90	92	2.2	90			70 - 130	30
1,4-dioxane	ND	100	86	85	1.2	91			70 - 130	30
2,2-Dichloropropane	ND	5.0	91	90	1.1	82			70 - 130	30
2-Chlorotoluene	ND	5.0	90	93	3.3	91			70 - 130	30
2-Hexanone	ND	25	80	78	2.5	76			70 - 130	30
2-Isopropyltoluene	ND	5.0	91	94	3.2	94			70 - 130	30
4-Chlorotoluene	ND	5.0	85	89	4.6	85			70 - 130	30
4-Methyl-2-pentanone	ND	25	85	86	1.2	85			70 - 130	30
Acetone	ND	10	80	78	2.5	73			70 - 130	30
Acrolein	ND	25	82	88	7.1	82			70 - 130	30
Acrylonitrile	ND	5.0	87	83	4.7	85			70 - 130	30
Benzene	ND	1.0	87	91	4.5	88			70 - 130	30
Bromobenzene	ND	5.0	92	94	2.2	92			70 - 130	30
Bromochloromethane	ND	5.0	88	87	1.1	88			70 - 130	30
Bromodichloromethane	ND	5.0	90	93	3.3	90			70 - 130	30
Bromoform	ND	5.0	84	83	1.2	77			70 - 130	30
Bromomethane	ND	5.0	102	100	2.0	70			70 - 130	30
Carbon Disulfide	ND	5.0	89	93	4.4	80			70 - 130	30
Carbon tetrachloride	ND	5.0	89	91	2.2	83			70 - 130	30
Chlorobenzene	ND	5.0	87	89	2.3	88			70 - 130	30
Chloroethane	ND	5.0	93	99	6.3	33			70 - 130	30 m
Chloroform	ND	5.0	87	88	1.1	89			70 - 130	30
Chloromethane	ND	5.0	88	92	4.4	87			70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	89	89	0.0	88			70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	88	90	2.2	86			70 - 130	30
Dibromochloromethane	ND	3.0	88	88	0.0	83			70 - 130	30
Dibromomethane	ND	5.0	91	92	1.1	93			70 - 130	30
Dichlorodifluoromethane	ND	5.0	75	80	6.5	74			70 - 130	30
Ethylbenzene	ND	1.0	89	92	3.3	88			70 - 130	30
Hexachlorobutadiene	ND	5.0	89	92	3.3	92			70 - 130	30
Isopropylbenzene	ND	1.0	89	92	3.3	89			70 - 130	30
m&p-Xylene	ND	2.0	86	88	2.3	85			70 - 130	30
Methyl ethyl ketone	ND	5.0	79	78	1.3	78			70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	84	82	2.4	84			70 - 130	30
Methylene chloride	ND	5.0	72	73	1.4	69			70 - 130	30 m
Naphthalene	ND	5.0	95	91	4.3	89			70 - 130	30
n-Butylbenzene	ND	1.0	93	96	3.2	92			70 - 130	30
n-Propylbenzene	ND	1.0	90	94	4.3	89			70 - 130	30
o-Xylene	ND	2.0	87	89	2.3	87			70 - 130	30
p-Isopropyltoluene	ND	1.0	91	93	2.2	92			70 - 130	30
sec-Butylbenzene	ND	1.0	90	93	3.3	91			70 - 130	30
Styrene	ND	5.0	85	85	0.0	86			70 - 130	30
tert-butyl alcohol	ND	100	89	85	4.6	87			70 - 130	30
tert-Butylbenzene	ND	1.0	89	91	2.2	90			70 - 130	30
Tetrachloroethene	ND	5.0	91	95	4.3	92			70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	84	80	4.9	81			70 - 130	30

QA/QC Data

SDG I.D.: GBN74859

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
Toluene	ND	1.0	90	96	6.5	93			70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	90	94	4.3	89			70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	88	88	0.0	85			70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	91	90	1.1	83			70 - 130	30
Trichloroethene	ND	5.0	88	92	4.4	89			70 - 130	30
Trichlorofluoromethane	ND	5.0	92	94	2.2	22			70 - 130	30
Trichlorotrifluoroethane	ND	5.0	89	99	10.6	88			70 - 130	30
Vinyl chloride	ND	5.0	92	97	5.3	96			70 - 130	30
% 1,2-dichlorobenzene-d4	94	%	102	101	1.0	101			70 - 130	30
% Bromofluorobenzene	100	%	98	97	1.0	98			70 - 130	30
% Dibromofluoromethane	101	%	98	97	1.0	98			70 - 130	30
% Toluene-d8	89	%	103	103	0.0	104			70 - 130	30

Comment:

The MSD is not reported for this batch.

QA/QC Batch 353161 (ug/kg), QC Sample No: BN76261 (BN74866, BN74867, BN74868, BN74869)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	5.0	91	91	0.0	91	89	2.2	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	95	97	2.1	95	96	1.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	97	92	5.3	86	86	0.0	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	93	94	1.1	91	89	2.2	70 - 130	30
1,1-Dichloroethane	ND	5.0	97	97	0.0	94	92	2.2	70 - 130	30
1,1-Dichloroethene	ND	5.0	99	99	0.0	92	89	3.3	70 - 130	30
1,1-Dichloropropene	ND	5.0	92	96	4.3	98	97	1.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	91	93	2.2	101	102	1.0	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	92	88	4.4	84	80	4.9	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	88	91	3.4	100	98	2.0	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	91	90	1.1	94	92	2.2	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	97	99	2.0	84	86	2.4	70 - 130	30
1,2-Dibromoethane	ND	5.0	92	90	2.2	87	86	1.2	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	91	91	0.0	92	91	1.1	70 - 130	30
1,2-Dichloroethane	ND	5.0	95	94	1.1	92	92	0.0	70 - 130	30
1,2-Dichloropropane	ND	5.0	94	94	0.0	94	93	1.1	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	91	93	2.2	94	94	0.0	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	87	86	1.2	89	88	1.1	70 - 130	30
1,3-Dichloropropane	ND	5.0	89	88	1.1	85	84	1.2	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	90	91	1.1	93	92	1.1	70 - 130	30
1,4-dioxane	ND	100	88	86	2.3	87	88	1.1	70 - 130	30
2,2-Dichloropropane	ND	5.0	90	90	0.0	89	89	0.0	70 - 130	30
2-Chlorotoluene	ND	5.0	93	93	0.0	95	93	2.1	70 - 130	30
2-Hexanone	ND	25	92	89	3.3	77	76	1.3	70 - 130	30
2-Isopropyltoluene	ND	5.0	93	94	1.1	98	97	1.0	70 - 130	30
4-Chlorotoluene	ND	5.0	87	87	0.0	90	89	1.1	70 - 130	30
4-Methyl-2-pentanone	ND	25	97	97	0.0	84	83	1.2	70 - 130	30
Acetone	ND	10	94	93	1.1	78	85	8.6	70 - 130	30
Acrolein	ND	25	111	107	3.7	81	82	1.2	70 - 130	30
Acrylonitrile	ND	5.0	98	98	0.0	82	83	1.2	70 - 130	30
Benzene	ND	1.0	91	92	1.1	94	93	1.1	70 - 130	30
Bromobenzene	ND	5.0	96	95	1.0	95	94	1.1	70 - 130	30
Bromochloromethane	ND	5.0	96	94	2.1	91	89	2.2	70 - 130	30
Bromodichloromethane	ND	5.0	96	98	2.1	94	96	2.1	70 - 130	30
Bromoform	ND	5.0	91	90	1.1	77	78	1.3	70 - 130	30
Bromomethane	ND	5.0	112	104	7.4	80	86	7.2	70 - 130	30

QA/QC Data

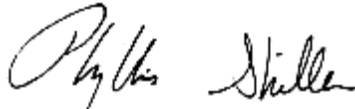
SDG I.D.: GBN74859

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
Carbon Disulfide	ND	5.0	99	100	1.0	90	89	1.1	70 - 130	30
Carbon tetrachloride	ND	5.0	96	99	3.1	92	92	0.0	70 - 130	30
Chlorobenzene	ND	5.0	88	91	3.4	91	91	0.0	70 - 130	30
Chloroethane	ND	5.0	105	105	0.0	38	38	0.0	70 - 130	30 m
Chloroform	ND	5.0	93	95	2.1	93	92	1.1	70 - 130	30
Chloromethane	ND	5.0	99	99	0.0	95	93	2.1	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	95	94	1.1	93	92	1.1	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	91	92	1.1	90	88	2.2	70 - 130	30
Dibromochloromethane	ND	3.0	94	92	2.2	87	85	2.3	70 - 130	30
Dibromomethane	ND	5.0	97	96	1.0	92	92	0.0	70 - 130	30
Dichlorodifluoromethane	ND	5.0	89	90	1.1	83	82	1.2	70 - 130	30
Ethylbenzene	ND	1.0	91	93	2.2	94	93	1.1	70 - 130	30
Hexachlorobutadiene	ND	5.0	87	91	4.5	95	96	1.0	70 - 130	30
Isopropylbenzene	ND	1.0	91	92	1.1	93	93	0.0	70 - 130	30
m&p-Xylene	ND	2.0	86	90	4.5	90	89	1.1	70 - 130	30
Methyl ethyl ketone	ND	5.0	93	95	2.1	80	78	2.5	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	93	91	2.2	84	83	1.2	70 - 130	30
Methylene chloride	ND	5.0	77	77	0.0	77	75	2.6	70 - 130	30
Naphthalene	ND	5.0	104	106	1.9	104	105	1.0	70 - 130	30
n-Butylbenzene	ND	1.0	92	94	2.2	97	97	0.0	70 - 130	30
n-Propylbenzene	ND	1.0	91	93	2.2	93	92	1.1	70 - 130	30
o-Xylene	ND	2.0	89	90	1.1	91	91	0.0	70 - 130	30
p-Isopropyltoluene	ND	1.0	91	93	2.2	96	95	1.0	70 - 130	30
sec-Butylbenzene	ND	1.0	92	94	2.2	96	95	1.0	70 - 130	30
Styrene	ND	5.0	86	87	1.2	87	88	1.1	70 - 130	30
tert-butyl alcohol	ND	100	99	95	4.1	86	90	4.5	70 - 130	30
tert-Butylbenzene	ND	1.0	90	93	3.3	93	93	0.0	70 - 130	30
Tetrachloroethene	ND	5.0	92	95	3.2	97	96	1.0	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	100	95	5.1	84	82	2.4	70 - 130	30
Toluene	ND	1.0	95	97	2.1	97	99	2.0	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	96	99	3.1	97	96	1.0	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	91	90	1.1	87	87	0.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	97	95	2.1	82	82	0.0	70 - 130	30
Trichloroethene	ND	5.0	91	94	3.2	94	94	0.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	100	102	2.0	27	27	0.0	70 - 130	30 m
Trichlorotrifluoroethane	ND	5.0	99	99	0.0	94	95	1.1	70 - 130	30
Vinyl chloride	ND	5.0	104	104	0.0	106	105	0.9	70 - 130	30
% 1,2-dichlorobenzene-d4	95	%	103	101	2.0	102	101	1.0	70 - 130	30
% Bromofluorobenzene	100	%	99	100	1.0	96	98	2.1	70 - 130	30
% Dibromofluoromethane	105	%	100	103	3.0	96	97	1.0	70 - 130	30
% Toluene-d8	89	%	101	103	2.0	102	103	1.0	70 - 130	30

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
 October 18, 2016

Criteria: NY: 375, 375GWP, 375RRS, 375RS

Sample Criteria Exceedences Report

GBN74859 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	Analysis Units
BN74859	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	170	50	50	ug/Kg
BN74859	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	170	50	50	ug/Kg
BN74859	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	170	50	50	ug/Kg
BN74859	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	170	50	50	ug/Kg
BN74859	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	170	120	120	ug/Kg
BN74859	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	170	120	120	ug/Kg
BN74859	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	19000	1700	470	470	ug/Kg
BN74859	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Residential	19000	1700	10000	10000	ug/Kg
BN74859	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	19000	1700	470	470	ug/Kg
BN74859	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	2400	170	1300	1300	ug/Kg
BN74859	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	2400	170	1300	1300	ug/Kg
BN74859	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1400	100	100	ug/kg
BN74859	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1400	100	100	ug/kg
BN74860	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	1000	230	470	470	ug/Kg
BN74860	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1000	230	470	470	ug/Kg
BN74863	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	250	50	50	ug/Kg
BN74863	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	50	50	ug/Kg
BN74863	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	250	50	50	ug/Kg
BN74863	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	50	50	ug/Kg
BN74863	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	250	120	120	ug/Kg
BN74863	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	120	120	ug/Kg
BN74863	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	4800	250	470	470	ug/Kg
BN74863	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	4800	250	470	470	ug/Kg
BN74863	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	1320	250	1300	1300	ug/Kg
BN74863	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1320	250	1300	1300	ug/Kg
BN74863	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2000	100	100	ug/kg
BN74863	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2000	100	100	ug/kg

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



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



NY Temperature Narration

October 18, 2016

SDG I.D.: GBN74859

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



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

Cooler: Yes No
 Codant: IPK ICE
 Temp 4 °C Pg 1 of 3
 Contact Options:

Fax:
 Phone: 631-504-6000
 Email: CRILL@PHOENIXLABS.COM

Project P.O.: 39-40 30th St Queens NY

Project: 39-40 30th St Queens NY
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants

Customer: Environmental Business Consultants
 Address: 1808 Middle Country Road
Ridge, NY 11961

Client Sample - Information - Identification
 Sampler's Signature: Thomas Gallo Date: 7-16-16

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

PHOENIX USE ONLY	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
74859	16SB3 (0-2')	S	7-16-16		X
74860	16SB3 (5-7')	S			X
74861	16SB3 (10-12')	S			X
74862	16SB3 (15-17')	S			X
74863	16SB5 (0-2')	S			X
74864	16SB5 (5-7')	S			X
74865	16SB5 (10-12')	S			X
74866	16SB6 (0-2')	S			X
74867	16SB6 (5-7')	S			X
74868	16SB6 (10-12')	S			X
74869	16SB6 (15-17')	S			X

Requisitioned by: [Signature] Accepted by: [Signature]
 Date: 7-18-16 Time: 16:30
 Date: 7-18-16 Time: 15:00

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

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

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

Data Format
 Phoenix Std Report
 Excel
 PDF
 GIS/Key
 EQ/IS
 NJ Hazsite EDD
 NY EZ EDD (ASP)
 Other

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

State where samples were collected: NY

Comments, Special Requirements or Regulations:

Cooler: Yes No
 Coolant: IPK ICE No No
 Temp 4 °C Pg 2 of 2

Contact Options:
 Fax: Phone: 631-504-6000
 Email:

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Email: info@phoenixlabs.com Fax (860) 645-9823
 Client Services (860) 645-8726



Customer: Environmental Business Consultants
 Address: 1808 Middle Country Road
 Ridge, NY 11961

Project: 39-40 30th St Queens NY
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants

Project P.O.:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Thomas Balk Date: 7-16-16
 Matrix Code: 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: VOCs

40% NQA Val () oz	PL Asst () 250ml () 500ml () 1000ml	PL H2O () 250ml () 500ml () 1000ml	PL NACH 250ml
GL Soil container () oz	GL 500ml container () oz	GL 1000ml container () oz	Bacteria Bottle

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Date	Time	Turnaround:	NJ	NY	Data Format
<u>148716</u>	<u>Tripblanks L</u>				<u>7-16-16</u>	<u>1130</u>	<input type="checkbox"/> 1 Day* <input type="checkbox"/> 2 Days* <input type="checkbox"/> 3 Days* <input type="checkbox"/> 5 Days <input type="checkbox"/> 10 Days <input type="checkbox"/> Other *SURCHARGE APPLIES	<input type="checkbox"/> Res. Criteria <input type="checkbox"/> Non-Res. Criteria <input type="checkbox"/> Impact to GW Soil Cleanup Criteria <input type="checkbox"/> GW Criteria	<input type="checkbox"/> NY 375 GWP <input type="checkbox"/> NY375 Unrestricted Use Soil <input type="checkbox"/> NY375 Residential Soil <input type="checkbox"/> Restricted/Residential Commercial <input type="checkbox"/> Industrial	<input type="checkbox"/> Phoenix Std Report <input type="checkbox"/> Excel <input type="checkbox"/> PDF <input type="checkbox"/> GIS/Key <input type="checkbox"/> EQUIS <input type="checkbox"/> NJ Hazsite EDD <input type="checkbox"/> NY EZ EDD (ASP) <input type="checkbox"/> Other
<u>148717</u>	<u>TBH</u>									

Relinquished by: [Signature] Accepted by: [Signature]
 Date: 7-16-16 Time: 1130
 Date: 7-18-16 Time: 1500

Comments, Special Requirements or Regulations:

State where samples were collected:

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

Sarah Bell

From: Chawinie Reilly <creilly@ebcincny.com>
Sent: Tuesday, October 18, 2016 2:55 PM
To: Sarah Bell
Subject: Re: GBN72943 & GBN74859

Ok that would be totally fine; would we get the edited results today ?

From: Sarah Bell
Sent: Tuesday, October 18, 2016 2:52 PM
To: Chawinie Reilly
Subject: RE: GBN72943 & GBN74859

I can scan your email up to the files that works for me. We will have to redo the Data Package but I can send you a revised report now with the new names but the DP will take a couple days to update their files.

Sarah Bell
Client Services - Project Manager
Accounts Receivable
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102

From: Chawinie Reilly [<mailto:creilly@ebcincny.com>]
Sent: Tuesday, October 18, 2016 2:51 PM
To: Sarah Bell
Subject: re: GBN72943 & GBN74859

Hi Sarah,

I need some edits to the sample names for these results.

GBN72943:

16SB2 15-17 should be 16SB2 15-16
16SB4 15-17 should be 16SB4 15-16

GBN74859:

16SB3 15-17 should be 16SB3 15-16
16SB6 15-17 should be 16SB6 15-16

Are you guys able to changes this in the results ? Do you need a marked up copy of the COC ?

Thanks,

Chawinie Reilly
Project Manager / Industrial Hygienist
EBC
Environmental Business Consultants
Ph: (631) 504-6000 ext. 123
Fax: (631) 924-2870
Cell: (631) 827-5007
creilly@ebcincny.com



Tuesday, October 18, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST QUEENS NY
Sample ID#s: BN72943 - BN72957, BN72962

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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 ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 39-40 30TH ST QUEENS NY
Laboratory Project: GBN72943



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

October 18, 2016

SDG I.D.: GBN72943

Environmental Business Consultants 39-40 30TH ST QUEENS NY

Methodology Summary

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260C and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
165B1(0-2 FT)	BN72943	SOLID
165B1(5-7 FT)	BN72944	SOLID
165B1(10-12 FT)	BN72945	SOLID
165B1(15-17 FT)	BN72946	SOLID
165B2(0-2 FT)	BN72947	SOLID
165B2(5-7 FT)	BN72948	SOLID
165B2(10-12 FT)	BN72949	SOLID
165B2(15-16 FT)	BN72950	SOLID
SOIL DUPLICATE 1	BN72951	SOLID
SOIL DUPLICATE 2	BN72952	SOLID
TRIP BLANK LL	BN72953	SOLID
165B4(0-2 FT)	BN72954	SOLID
165B4(5-7 FT)	BN72955	SOLID
165B4(10-12 FT)	BN72956	SOLID
165B4(15-16 FT)	BN72957	SOLID
TRIP BLANK HL	BN72962	SOLID



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NY Analytical Services Protocol Format

October 18, 2016

SDG I.D.: GBN72943

Environmental Business Consultants 39-40 30TH ST QUEENS NY

Laboratory Chronicle

The samples in this delivery group were received at 4°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BN72943	1,4-dioxane	07/13/16	07/18/16	07/18/16	JLI	Y
BN72943	Field Extraction	07/13/16	07/13/16	07/13/16		Y
BN72943	Volatiles	07/13/16	07/15/16	07/15/16	JLI	Y
BN72943	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y
BN72944	1,4-dioxane	07/13/16	07/15/16	07/15/16	JLI	Y
BN72944	Field Extraction	07/13/16	07/13/16	07/13/16		Y
BN72944	Volatiles	07/13/16	07/15/16	07/15/16	JLI	Y
BN72944	Volatiles	07/13/16	07/15/16	07/15/16	JLI	Y
BN72945	1,4-dioxane	07/13/16	07/15/16	07/15/16	JLI	Y
BN72945	Field Extraction	07/13/16	07/13/16	07/13/16		Y
BN72945	Volatiles	07/13/16	07/15/16	07/15/16	JLI	Y
BN72945	Volatiles	07/13/16	07/15/16	07/15/16	JLI	Y
BN72946	1,4-dioxane	07/13/16	07/15/16	07/15/16	JLI	Y
BN72946	Field Extraction	07/13/16	07/13/16	07/13/16		Y
BN72946	Volatiles	07/13/16	07/15/16	07/15/16	JLI	Y
BN72946	Volatiles	07/13/16	07/15/16	07/15/16	JLI	Y
BN72947	1,4-dioxane	07/13/16	07/15/16	07/15/16	J/P	Y
BN72947	Field Extraction	07/13/16	07/13/16	07/13/16		Y
BN72947	Volatiles	07/13/16	07/15/16	07/15/16	JLI	Y
BN72947	Volatiles	07/13/16	07/15/16	07/15/16	J/P	Y
BN72948	1,4-dioxane	07/13/16	07/18/16	07/18/16	JLI	Y
BN72948	Field Extraction	07/13/16	07/13/16	07/13/16		Y
BN72948	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y
BN72948	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y
BN72949	1,4-dioxane	07/13/16	07/18/16	07/18/16	JLI	Y
BN72949	Field Extraction	07/13/16	07/13/16	07/13/16		Y
BN72949	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y
BN72949	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y
BN72950	1,4-dioxane	07/13/16	07/18/16	07/18/16	JLI	Y
BN72950	Field Extraction	07/13/16	07/13/16	07/13/16		Y
BN72950	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y
BN72950	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y



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NY Analytical Services Protocol Format

October 18, 2016

SDG I.D.: GBN72943

Environmental Business Consultants 39-40 30TH ST QUEENS NY

BN72951	1,4-dioxane	07/13/16	07/18/16	07/18/16	JLI	Y
BN72951	Field Extraction	07/13/16	07/13/16	07/13/16		Y
BN72951	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y
BN72951	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y
BN72952	1,4-dioxane	07/13/16	07/18/16	07/18/16	JLI	Y
BN72952	Field Extraction	07/13/16	07/13/16	07/13/16		Y
BN72952	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y
BN72952	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y
BN72953	1,4-dioxane	07/13/16	07/15/16	07/15/16	JLI	Y
BN72953	Field Extraction	07/13/16	07/13/16	07/13/16		Y
BN72953	Volatiles	07/13/16	07/15/16	07/15/16	JLI	Y
BN72953	Volatiles	07/13/16	07/15/16	07/15/16	JLI	Y
BN72954	1,4-dioxane	07/13/16	07/15/16	07/15/16	JLI	Y
BN72954	Field Extraction	07/13/16	07/13/16	07/13/16		Y
BN72954	Volatiles	07/13/16	07/15/16	07/15/16	JLI	Y
BN72954	Volatiles	07/13/16	07/18/16	07/18/16	J/P	Y
BN72955	1,4-dioxane	07/13/16	07/18/16	07/18/16	JLI	Y
BN72955	Field Extraction	07/13/16	07/13/16	07/13/16		Y
BN72955	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y
BN72955	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y
BN72956	1,4-dioxane	07/13/16	07/18/16	07/18/16	JLI	Y
BN72956	Field Extraction	07/13/16	07/13/16	07/13/16		Y
BN72956	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y
BN72956	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y
BN72957	1,4-dioxane	07/13/16	07/18/16	07/18/16	JLI	Y
BN72957	Field Extraction	07/13/16	07/13/16	07/13/16		Y
BN72957	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y
BN72957	Volatiles	07/13/16	07/18/16	07/18/16	JLI	Y
BN72962	1,4-dioxane	07/13/16	07/15/16	07/15/16	JLI	Y
BN72962	Field Extraction	07/13/16	07/13/16	07/13/16		Y
BN72962	Volatiles	07/13/16	07/15/16	07/15/16	JLI	Y
BN72962	Volatiles	07/13/16	07/15/16	07/15/16	JLI	Y



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Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

October 18, 2016

SDG I.D.: GBN72943

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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

Analysis Report
 October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

07/13/16
 07/14/16

Time

14:58

Laboratory Data

SDG ID: GBN72943
 Phoenix ID: BN72943

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: 165B1(0-2 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/13/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
2-Chlorotoluene	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
2-Hexanone	ND	15	3.1	ug/Kg	1	07/18/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
4-Chlorotoluene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	15	3.1	ug/Kg	1	07/18/16	JLI	SW8260C
Acetone	37	S 31	3.1	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	6.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
Benzene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
Bromobenzene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
Bromochloromethane	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
Bromodichloromethane	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
Bromoform	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
Bromomethane	ND	3.1	1.2	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon Disulfide	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon tetrachloride	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
Chlorobenzene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroethane	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroform	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
Chloromethane	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromochloromethane	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromomethane	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
Ethylbenzene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
Isopropylbenzene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
m&p-Xylene	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl Ethyl Ketone	7.0	J 18	3.1	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	6.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
Methylene chloride	ND	3.1	3.1	ug/Kg	1	07/18/16	JLI	SW8260C
Naphthalene	100	J 230	46	ug/Kg	50	07/15/16	JLI	SW8260C
n-Butylbenzene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
n-Propylbenzene	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
o-Xylene	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
sec-Butylbenzene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
Styrene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
tert-Butylbenzene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrachloroethene	1200	230	46	ug/Kg	50	07/15/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	6.1	1.5	ug/Kg	1	07/18/16	JLI	SW8260C
Toluene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	6.1	1.5	ug/Kg	1	07/18/16	JLI	SW8260C
Trichloroethene	520	230	23	ug/Kg	50	07/15/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.1	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
Vinyl chloride	ND	3.1	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/18/16	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	07/18/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	1	07/18/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	61	24	ug/kg	1	07/18/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/18/16	JLI	70 - 130 %
% Toluene-d8	98			%	1	07/18/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	12	0.61	ug/Kg	1	07/18/16	JLI	SW8260C
Acrolein	ND	12	1.5	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	12	0.31	ug/Kg	1	07/18/16	JLI	SW8260C
Tert-butyl alcohol	ND	61	12	ug/Kg	1	07/18/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

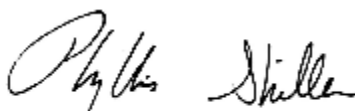
Results are reported on an "as received" basis, and are not corrected for dry weight.

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

S - Laboratory solvent, contamination is possible.

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

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Phyllis Shiller, Laboratory Director

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

07/13/16

Time

14:58

Laboratory Data

SDG ID: GBN72943
 Phoenix ID: BN72944

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: 165B1(5-7 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/13/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
2-Chlorotoluene	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
2-Hexanone	ND	15	3.0	ug/Kg	1	07/15/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
4-Chlorotoluene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	15	3.0	ug/Kg	1	07/15/16	JLI	SW8260C
Acetone	ND	30	3.0	ug/Kg	1	07/15/16	JLI	SW8260C
Acrylonitrile	ND	6.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
Benzene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
Bromobenzene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
Bromochloromethane	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
Bromodichloromethane	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
Bromoform	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
Bromomethane	ND	3.0	1.2	ug/Kg	1	07/15/16	JLI	SW8260C
Carbon Disulfide	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
Carbon tetrachloride	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
Chlorobenzene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
Chloroethane	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
Chloroform	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
Chloromethane	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
Dibromochloromethane	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
Dibromomethane	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
Ethylbenzene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
Isopropylbenzene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
m&p-Xylene	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	18	3.0	ug/Kg	1	07/15/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	6.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
Methylene chloride	ND	3.0	3.0	ug/Kg	1	07/15/16	JLI	SW8260C
Naphthalene	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
n-Butylbenzene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
n-Propylbenzene	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
o-Xylene	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
sec-Butylbenzene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
Styrene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
tert-Butylbenzene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
Tetrachloroethene	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	6.0	1.5	ug/Kg	1	07/15/16	JLI	SW8260C
Toluene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	6.0	1.5	ug/Kg	1	07/15/16	JLI	SW8260C
Trichloroethene	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.0	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
Vinyl chloride	ND	3.0	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	07/15/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/15/16	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	07/15/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	07/15/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	60	24	ug/kg	1	07/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	07/15/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/15/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	07/15/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	12	0.60	ug/Kg	1	07/15/16	JLI	SW8260C
Acrolein	ND	12	1.5	ug/Kg	1	07/15/16	JLI	SW8260C
Acrylonitrile	ND	12	0.30	ug/Kg	1	07/15/16	JLI	SW8260C
Tert-butyl alcohol	ND	60	12	ug/Kg	1	07/15/16	JLI	SW8260C

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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

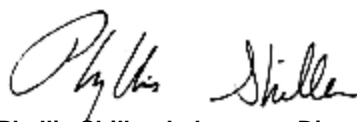
Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report
 October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

07/13/16
 07/14/16

Time

14:58

Laboratory Data

SDG ID: GBN72943
 Phoenix ID: BN72945

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: 165B1(10-12 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/13/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
1,1-Dichloroethane	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
1,1-Dichloroethene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
1,1-Dichloropropene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dibromoethane	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dichloroethane	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dichloropropane	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
1,3-Dichloropropane	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
2,2-Dichloropropane	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
2-Chlorotoluene	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
2-Hexanone	ND	12	2.3	ug/Kg	1	07/15/16	JLI	SW8260C
2-Isopropyltoluene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
4-Chlorotoluene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	12	2.3	ug/Kg	1	07/15/16	JLI	SW8260C
Acetone	ND	23	2.3	ug/Kg	1	07/15/16	JLI	SW8260C
Acrylonitrile	ND	4.6	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
Benzene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
Bromobenzene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
Bromochloromethane	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
Bromodichloromethane	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
Bromoform	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
Bromomethane	ND	2.3	0.92	ug/Kg	1	07/15/16	JLI	SW8260C
Carbon Disulfide	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
Carbon tetrachloride	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
Chlorobenzene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
Chloroethane	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
Chloroform	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
Chloromethane	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
Dibromochloromethane	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
Dibromomethane	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
Dichlorodifluoromethane	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
Ethylbenzene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
Hexachlorobutadiene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
Isopropylbenzene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
m&p-Xylene	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	14	2.3	ug/Kg	1	07/15/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	4.6	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
Methylene chloride	ND	2.3	2.3	ug/Kg	1	07/15/16	JLI	SW8260C
Naphthalene	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
n-Butylbenzene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
n-Propylbenzene	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
o-Xylene	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
p-Isopropyltoluene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
sec-Butylbenzene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
Styrene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
tert-Butylbenzene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
Tetrachloroethene	0.96	J 2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	4.6	1.2	ug/Kg	1	07/15/16	JLI	SW8260C
Toluene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	4.6	1.2	ug/Kg	1	07/15/16	JLI	SW8260C
Trichloroethene	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
Trichlorofluoromethane	ND	2.3	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
Vinyl chloride	ND	2.3	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	07/15/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/15/16	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	07/15/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	07/15/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	46	18	ug/kg	1	07/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	07/15/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/15/16	JLI	70 - 130 %
% Toluene-d8	99			%	1	07/15/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	9.2	0.46	ug/Kg	1	07/15/16	JLI	SW8260C
Acrolein	ND	9.2	1.2	ug/Kg	1	07/15/16	JLI	SW8260C
Acrylonitrile	ND	9.2	0.23	ug/Kg	1	07/15/16	JLI	SW8260C
Tert-butyl alcohol	ND	46	9.2	ug/Kg	1	07/15/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

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.

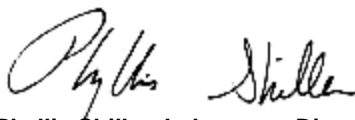
Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

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Phyllis Shiller, Laboratory Director

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

07/13/16

Time

14:58

Laboratory Data

SDG ID: GBN72943
 Phoenix ID: BN72946

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: 165B1(15-17 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/13/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
1,1-Dichloroethene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
2-Chlorotoluene	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
2-Hexanone	ND	20	4.0	ug/Kg	1	07/15/16	JLI	SW8260C
2-Isopropyltoluene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
4-Chlorotoluene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	20	4.0	ug/Kg	1	07/15/16	JLI	SW8260C
Acetone	ND	40	4.0	ug/Kg	1	07/15/16	JLI	SW8260C
Acrylonitrile	ND	7.9	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
Benzene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
Bromobenzene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
Bromochloromethane	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
Bromodichloromethane	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
Bromoform	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
Bromomethane	ND	4.0	1.6	ug/Kg	1	07/15/16	JLI	SW8260C
Carbon Disulfide	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
Carbon tetrachloride	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
Chlorobenzene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
Chloroethane	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
Chloroform	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
Chloromethane	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
Dibromochloromethane	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
Dibromomethane	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
Dichlorodifluoromethane	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
Ethylbenzene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
Hexachlorobutadiene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
Isopropylbenzene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
m&p-Xylene	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	24	4.0	ug/Kg	1	07/15/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.9	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
Methylene chloride	ND	4.0	4.0	ug/Kg	1	07/15/16	JLI	SW8260C
Naphthalene	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
n-Butylbenzene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
n-Propylbenzene	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
o-Xylene	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
p-Isopropyltoluene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
sec-Butylbenzene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
Styrene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
tert-Butylbenzene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
Tetrachloroethene	3.5	J 4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.9	2.0	ug/Kg	1	07/15/16	JLI	SW8260C
Toluene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.9	2.0	ug/Kg	1	07/15/16	JLI	SW8260C
Trichloroethene	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
Trichlorofluoromethane	ND	4.0	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
Vinyl chloride	ND	4.0	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	07/15/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/15/16	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	07/15/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	1	07/15/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	79	32	ug/kg	1	07/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	07/15/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/15/16	JLI	70 - 130 %
% Toluene-d8	98			%	1	07/15/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	16	0.79	ug/Kg	1	07/15/16	JLI	SW8260C
Acrolein	ND	16	2.0	ug/Kg	1	07/15/16	JLI	SW8260C
Acrylonitrile	ND	16	0.40	ug/Kg	1	07/15/16	JLI	SW8260C
Tert-butyl alcohol	ND	79	16	ug/Kg	1	07/15/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

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.

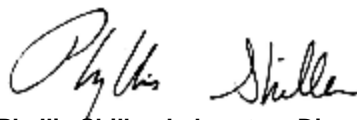
Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

07/13/16

Time

14:58

Laboratory Data

SDG ID: GBN72943
 Phoenix ID: BN72947

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: 165B2(0-2 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/13/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
1,1,1-Trichloroethane	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
1,1,2-Trichloroethane	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
1,1-Dichloroethane	ND	130	63	ug/Kg	50	07/15/16	J/P	SW8260C
1,1-Dichloroethene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
1,1-Dichloropropene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
1,2,3-Trichloropropane	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
1,2,4-Trimethylbenzene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
1,2-Dibromoethane	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
1,2-Dichlorobenzene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
1,2-Dichloroethane	ND	31	31	ug/Kg	50	07/15/16	J/P	SW8260C
1,2-Dichloropropane	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
1,3-Dichlorobenzene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
1,3-Dichloropropane	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
1,4-Dichlorobenzene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
2,2-Dichloropropane	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
2-Chlorotoluene	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
2-Hexanone	ND	1600	310	ug/Kg	50	07/15/16	J/P	SW8260C
2-Isopropyltoluene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
4-Chlorotoluene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	1600	310	ug/Kg	50	07/15/16	J/P	SW8260C
Acetone	ND	310	310	ug/Kg	50	07/15/16	J/P	SW8260C
Acrylonitrile	ND	630	63	ug/Kg	50	07/15/16	J/P	SW8260C
Benzene	ND	57	31	ug/Kg	50	07/15/16	J/P	SW8260C
Bromobenzene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
Bromochloromethane	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
Bromodichloromethane	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
Bromoform	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
Bromomethane	ND	310	130	ug/Kg	50	07/15/16	J/P	SW8260C
Carbon Disulfide	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
Carbon tetrachloride	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
Chlorobenzene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
Chloroethane	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
Chloroform	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
Chloromethane	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
cis-1,2-Dichloroethene	ND	130	31	ug/Kg	50	07/15/16	J/P	SW8260C
cis-1,3-Dichloropropene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
Dibromochloromethane	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
Dibromomethane	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
Dichlorodifluoromethane	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
Ethylbenzene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
Hexachlorobutadiene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
Isopropylbenzene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
m&p-Xylene	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
Methyl Ethyl Ketone	ND	310	310	ug/Kg	50	07/15/16	J/P	SW8260C
Methyl t-butyl ether (MTBE)	ND	630	63	ug/Kg	50	07/15/16	J/P	SW8260C
Methylene chloride	ND	310	310	ug/Kg	50	07/15/16	J/P	SW8260C
Naphthalene	100	J 310	63	ug/Kg	50	07/15/16	J/P	SW8260C
n-Butylbenzene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
n-Propylbenzene	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
o-Xylene	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
p-Isopropyltoluene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
sec-Butylbenzene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
Styrene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
tert-Butylbenzene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
Tetrachloroethene	6300	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
Tetrahydrofuran (THF)	ND	630	160	ug/Kg	50	07/15/16	J/P	SW8260C
Toluene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
trans-1,2-Dichloroethene	ND	130	31	ug/Kg	50	07/15/16	J/P	SW8260C
trans-1,3-Dichloropropene	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
trans-1,4-dichloro-2-butene	ND	630	160	ug/Kg	50	07/15/16	J/P	SW8260C
Trichloroethene	120	J 310	31	ug/Kg	50	07/15/16	J/P	SW8260C
Trichlorofluoromethane	ND	310	63	ug/Kg	50	07/15/16	J/P	SW8260C
Trichlorotrifluoroethane	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
Vinyl chloride	ND	310	31	ug/Kg	50	07/15/16	J/P	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	50	07/15/16	J/P	70 - 130 %
% Bromofluorobenzene	100			%	50	07/15/16	J/P	70 - 130 %
% Dibromofluoromethane	96			%	50	07/15/16	J/P	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	50	07/15/16	J/P	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	6300	2500	ug/kg	50	07/15/16	J/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	50	07/15/16	J/P	70 - 130 %
% Bromofluorobenzene	100			%	50	07/15/16	J/P	70 - 130 %
% Toluene-d8	98			%	50	07/15/16	J/P	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1300	63	ug/Kg	50	07/15/16	JLI	SW8260C
Acrolein	ND	1300	160	ug/Kg	50	07/15/16	JLI	SW8260C
Acrylonitrile	ND	1300	31	ug/Kg	50	07/15/16	JLI	SW8260C
Tert-butyl alcohol	ND	6300	1300	ug/Kg	50	07/15/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an "as received" basis, and are not corrected for dry weight.

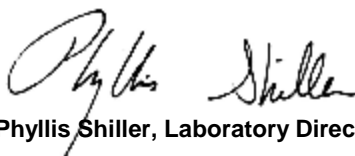
Volatile Comment:

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

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October 18, 2016

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Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

07/13/16
 07/14/16

Time

14:58

Laboratory Data

SDG ID: GBN72943
 Phoenix ID: BN72948

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: 165B2(5-7 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/13/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethane	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloropropene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromoethane	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloroethane	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloropropane	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichloropropane	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
2,2-Dichloropropane	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
2-Chlorotoluene	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
2-Hexanone	ND	12	2.3	ug/Kg	1	07/18/16	JLI	SW8260C
2-Isopropyltoluene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
4-Chlorotoluene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	12	2.3	ug/Kg	1	07/18/16	JLI	SW8260C
Acetone	ND	23	2.3	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	4.6	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
Benzene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
Bromobenzene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
Bromochloromethane	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
Bromodichloromethane	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
Bromoform	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
Bromomethane	ND	2.3	0.92	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon Disulfide	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon tetrachloride	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
Chlorobenzene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroethane	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroform	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
Chloromethane	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromochloromethane	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromomethane	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
Dichlorodifluoromethane	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
Ethylbenzene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
Hexachlorobutadiene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
Isopropylbenzene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
m&p-Xylene	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	14	2.3	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	4.6	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
Methylene chloride	ND	2.3	2.3	ug/Kg	1	07/18/16	JLI	SW8260C
Naphthalene	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
n-Butylbenzene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
n-Propylbenzene	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
o-Xylene	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
p-Isopropyltoluene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
sec-Butylbenzene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
Styrene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
tert-Butylbenzene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrachloroethene	0.93	J 2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	4.6	1.2	ug/Kg	1	07/18/16	JLI	SW8260C
Toluene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	4.6	1.2	ug/Kg	1	07/18/16	JLI	SW8260C
Trichloroethene	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorofluoromethane	ND	2.3	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
Vinyl chloride	ND	2.3	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/18/16	JLI	70 - 130 %
% Dibromofluoromethane	98			%	1	07/18/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	1	07/18/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	46	18	ug/kg	1	07/18/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/18/16	JLI	70 - 130 %
% Toluene-d8	98			%	1	07/18/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	9.2	0.46	ug/Kg	1	07/18/16	JLI	SW8260C
Acrolein	ND	9.2	1.2	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	9.2	0.23	ug/Kg	1	07/18/16	JLI	SW8260C
Tert-butyl alcohol	ND	46	9.2	ug/Kg	1	07/18/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

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.

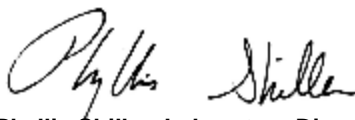
Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

07/13/16
 07/14/16

Time

14:58

Laboratory Data

SDG ID: GBN72943
 Phoenix ID: BN72949

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: 165B2(10-12 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/13/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
2-Chlorotoluene	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
2-Hexanone	ND	17	3.5	ug/Kg	1	07/18/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
4-Chlorotoluene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	17	3.5	ug/Kg	1	07/18/16	JLI	SW8260C
Acetone	ND	35	3.5	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	6.9	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Benzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Bromobenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Bromochloromethane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Bromodichloromethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Bromoform	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Bromomethane	ND	3.5	1.4	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon Disulfide	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon tetrachloride	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Chlorobenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroethane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroform	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Chloromethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromochloromethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromomethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Ethylbenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Isopropylbenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
m&p-Xylene	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	21	3.5	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	6.9	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Methylene chloride	ND	3.5	3.5	ug/Kg	1	07/18/16	JLI	SW8260C
Naphthalene	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
n-Butylbenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
n-Propylbenzene	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
o-Xylene	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
sec-Butylbenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Styrene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
tert-Butylbenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrachloroethene	4.8	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	6.9	1.7	ug/Kg	1	07/18/16	JLI	SW8260C
Toluene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	6.9	1.7	ug/Kg	1	07/18/16	JLI	SW8260C
Trichloroethene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Vinyl chloride	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	07/18/16	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	07/18/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	07/18/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	69	28	ug/kg	1	07/18/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	07/18/16	JLI	70 - 130 %
% Toluene-d8	99			%	1	07/18/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	14	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Acrolein	ND	14	1.7	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	14	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Tert-butyl alcohol	ND	69	14	ug/Kg	1	07/18/16	JLI	SW8260C

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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

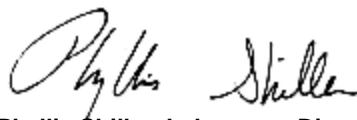
Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

07/13/16

Time

14:58

Laboratory Data

SDG ID: GBN72943
 Phoenix ID: BN72950

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: 165B2(15-16 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/13/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
2-Chlorotoluene	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
2-Hexanone	ND	17	3.5	ug/Kg	1	07/18/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
4-Chlorotoluene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	17	3.5	ug/Kg	1	07/18/16	JLI	SW8260C
Acetone	ND	35	3.5	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	6.9	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Benzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Bromobenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Bromochloromethane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Bromodichloromethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Bromoform	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Bromomethane	ND	3.5	1.4	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon Disulfide	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon tetrachloride	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Chlorobenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroethane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroform	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Chloromethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromochloromethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromomethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Ethylbenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Isopropylbenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
m&p-Xylene	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	21	3.5	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	6.9	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Methylene chloride	ND	3.5	3.5	ug/Kg	1	07/18/16	JLI	SW8260C
Naphthalene	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
n-Butylbenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
n-Propylbenzene	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
o-Xylene	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
sec-Butylbenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Styrene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
tert-Butylbenzene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrachloroethene	4.8	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	6.9	1.7	ug/Kg	1	07/18/16	JLI	SW8260C
Toluene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	6.9	1.7	ug/Kg	1	07/18/16	JLI	SW8260C
Trichloroethene	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.5	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Vinyl chloride	ND	3.5	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	07/18/16	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	07/18/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	1	07/18/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	69	28	ug/kg	1	07/18/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	07/18/16	JLI	70 - 130 %
% Toluene-d8	98			%	1	07/18/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	14	0.69	ug/Kg	1	07/18/16	JLI	SW8260C
Acrolein	ND	14	1.7	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	14	0.35	ug/Kg	1	07/18/16	JLI	SW8260C
Tert-butyl alcohol	ND	69	14	ug/Kg	1	07/18/16	JLI	SW8260C

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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

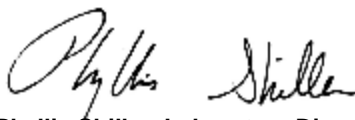
Comments:

Results are reported on an "as received" basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

07/13/16

Time

14:58

Laboratory Data

SDG ID: GBN72943
 Phoenix ID: BN72951

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SOIL DUPLICATE 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/13/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
2-Chlorotoluene	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
2-Hexanone	ND	16	3.2	ug/Kg	1	07/18/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
4-Chlorotoluene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C

Client ID: SOIL DUPLICATE 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	16	3.2	ug/Kg	1	07/18/16	JLI	SW8260C
Acetone	ND	32	3.2	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	6.3	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
Benzene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
Bromobenzene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
Bromochloromethane	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
Bromodichloromethane	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
Bromoform	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
Bromomethane	ND	3.2	1.3	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon Disulfide	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon tetrachloride	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
Chlorobenzene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroethane	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroform	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
Chloromethane	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromochloromethane	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromomethane	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
Ethylbenzene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
Isopropylbenzene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
m&p-Xylene	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	19	3.2	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	6.3	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
Methylene chloride	ND	3.2	3.2	ug/Kg	1	07/18/16	JLI	SW8260C
Naphthalene	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
n-Butylbenzene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
n-Propylbenzene	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
o-Xylene	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
sec-Butylbenzene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
Styrene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
tert-Butylbenzene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrachloroethene	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	6.3	1.6	ug/Kg	1	07/18/16	JLI	SW8260C
Toluene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	6.3	1.6	ug/Kg	1	07/18/16	JLI	SW8260C
Trichloroethene	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.2	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
Vinyl chloride	ND	3.2	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/18/16	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	07/18/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	07/18/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	63	25	ug/kg	1	07/18/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/18/16	JLI	70 - 130 %
% Toluene-d8	99			%	1	07/18/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	13	0.63	ug/Kg	1	07/18/16	JLI	SW8260C
Acrolein	ND	13	1.6	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	13	0.32	ug/Kg	1	07/18/16	JLI	SW8260C
Tert-butyl alcohol	ND	63	13	ug/Kg	1	07/18/16	JLI	SW8260C

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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

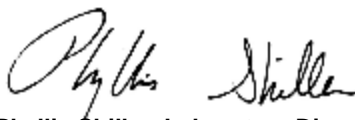
Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

07/13/16
 07/14/16

Time

14:58

Laboratory Data

SDG ID: GBN72943
 Phoenix ID: BN72952

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SOIL DUPLICATE 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/13/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethane	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloropropene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromoethane	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloroethane	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloropropane	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichloropropane	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
2,2-Dichloropropane	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
2-Chlorotoluene	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
2-Hexanone	ND	11	2.2	ug/Kg	1	07/18/16	JLI	SW8260C
2-Isopropyltoluene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
4-Chlorotoluene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C

Client ID: SOIL DUPLICATE 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	11	2.2	ug/Kg	1	07/18/16	JLI	SW8260C
Acetone	ND	22	2.2	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	4.4	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
Benzene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
Bromobenzene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
Bromochloromethane	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
Bromodichloromethane	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
Bromoform	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
Bromomethane	ND	2.2	0.88	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon Disulfide	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon tetrachloride	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
Chlorobenzene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroethane	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroform	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
Chloromethane	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromochloromethane	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromomethane	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
Dichlorodifluoromethane	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
Ethylbenzene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
Hexachlorobutadiene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
Isopropylbenzene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
m&p-Xylene	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	13	2.2	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	4.4	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
Methylene chloride	ND	2.2	2.2	ug/Kg	1	07/18/16	JLI	SW8260C
Naphthalene	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
n-Butylbenzene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
n-Propylbenzene	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
o-Xylene	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
p-Isopropyltoluene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
sec-Butylbenzene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
Styrene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
tert-Butylbenzene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrachloroethene	1.1	J 2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	4.4	1.1	ug/Kg	1	07/18/16	JLI	SW8260C
Toluene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	4.4	1.1	ug/Kg	1	07/18/16	JLI	SW8260C
Trichloroethene	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorofluoromethane	ND	2.2	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
Vinyl chloride	ND	2.2	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/18/16	JLI	70 - 130 %
% Dibromofluoromethane	98			%	1	07/18/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	07/18/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	44	18	ug/kg	1	07/18/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/18/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	07/18/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	8.8	0.44	ug/Kg	1	07/18/16	JLI	SW8260C
Acrolein	ND	8.8	1.1	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	8.8	0.22	ug/Kg	1	07/18/16	JLI	SW8260C
Tert-butyl alcohol	ND	44	8.8	ug/Kg	1	07/18/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

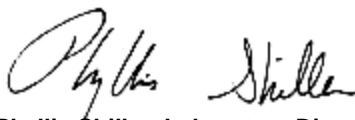
Comments:

Results are reported on an "as received" basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

07/13/16

Time

14:58

Laboratory Data

SDG ID: GBN72943
 Phoenix ID: BN72953

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: TRIP BLANK LL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/13/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
2-Hexanone	ND	25	5.0	ug/Kg	1	07/15/16	JLI	SW8260C
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C

Client ID: TRIP BLANK LL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	07/15/16	JLI	SW8260C
Acetone	ND	50	5.0	ug/Kg	1	07/15/16	JLI	SW8260C
Acrylonitrile	ND	10	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
Benzene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
Bromobenzene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
Bromoform	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
Bromomethane	ND	5.0	2.0	ug/Kg	1	07/15/16	JLI	SW8260C
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
Chloroethane	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
Chloroform	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
Chloromethane	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
Dibromomethane	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	5.0	ug/Kg	1	07/15/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
Methylene chloride	ND	5.0	5.0	ug/Kg	1	07/15/16	JLI	SW8260C
Naphthalene	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
o-Xylene	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
Styrene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	07/15/16	JLI	SW8260C
Toluene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	07/15/16	JLI	SW8260C
Trichloroethene	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	07/15/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/15/16	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	07/15/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	07/15/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	40	ug/kg	1	07/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	07/15/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/15/16	JLI	70 - 130 %
% Toluene-d8	99			%	1	07/15/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	20	1.0	ug/Kg	1	07/15/16	JLI	SW8260C
Acrolein	ND	20	2.5	ug/Kg	1	07/15/16	JLI	SW8260C
Acrylonitrile	ND	20	0.50	ug/Kg	1	07/15/16	JLI	SW8260C
Tert-butyl alcohol	ND	100	20	ug/Kg	1	07/15/16	JLI	SW8260C

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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

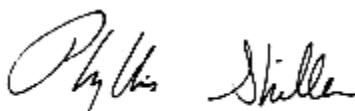
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Results are reported on an "as received" basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

07/13/16

Time

14:58

Laboratory Data

SDG ID: GBN72943
 Phoenix ID: BN72954

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: 165B4(0-2 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/13/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
1,1,1-Trichloroethane	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
1,1,2-Trichloroethane	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
1,1-Dichloroethane	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
1,1-Dichloroethene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
1,1-Dichloropropene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
1,2,3-Trichloropropane	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
1,2,4-Trimethylbenzene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
1,2-Dibromoethane	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
1,2-Dichlorobenzene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
1,2-Dichloroethane	ND	26	26	ug/Kg	50	07/15/16	J/P	SW8260C
1,2-Dichloropropane	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
1,3-Dichlorobenzene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
1,3-Dichloropropane	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
1,4-Dichlorobenzene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
2,2-Dichloropropane	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
2-Chlorotoluene	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
2-Hexanone	ND	1300	260	ug/Kg	50	07/15/16	J/P	SW8260C
2-Isopropyltoluene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
4-Chlorotoluene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	1300	260	ug/Kg	50	07/15/16	J/P	SW8260C
Acetone	ND	260	260	ug/Kg	50	07/15/16	J/P	SW8260C
Acrylonitrile	ND	510	51	ug/Kg	50	07/15/16	J/P	SW8260C
Benzene	ND	60	26	ug/Kg	50	07/15/16	J/P	SW8260C
Bromobenzene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
Bromochloromethane	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
Bromodichloromethane	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
Bromoform	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
Bromomethane	ND	260	100	ug/Kg	50	07/15/16	J/P	SW8260C
Carbon Disulfide	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
Carbon tetrachloride	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
Chlorobenzene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
Chloroethane	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
Chloroform	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
Chloromethane	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
cis-1,2-Dichloroethene	ND	250	26	ug/Kg	50	07/15/16	J/P	SW8260C
cis-1,3-Dichloropropene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
Dibromochloromethane	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
Dibromomethane	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
Dichlorodifluoromethane	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
Ethylbenzene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
Hexachlorobutadiene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
Isopropylbenzene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
m&p-Xylene	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
Methyl Ethyl Ketone	ND	260	260	ug/Kg	50	07/15/16	J/P	SW8260C
Methyl t-butyl ether (MTBE)	ND	510	51	ug/Kg	50	07/15/16	J/P	SW8260C
Methylene chloride	ND	260	260	ug/Kg	50	07/15/16	J/P	SW8260C
Naphthalene	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
n-Butylbenzene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
n-Propylbenzene	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
o-Xylene	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
p-Isopropyltoluene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
sec-Butylbenzene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
Styrene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
tert-Butylbenzene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
Tetrachloroethene	2000	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
Tetrahydrofuran (THF)	ND	510	130	ug/Kg	50	07/15/16	J/P	SW8260C
Toluene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
trans-1,2-Dichloroethene	ND	190	26	ug/Kg	50	07/15/16	J/P	SW8260C
trans-1,3-Dichloropropene	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
trans-1,4-dichloro-2-butene	ND	510	130	ug/Kg	50	07/15/16	J/P	SW8260C
Trichloroethene	9200	D 510	51	ug/Kg	100	07/18/16	J/P	SW8260C
Trichlorofluoromethane	ND	260	51	ug/Kg	50	07/15/16	J/P	SW8260C
Trichlorotrifluoroethane	ND	260	26	ug/Kg	50	07/15/16	J/P	SW8260C
Vinyl chloride	ND	26	26	ug/Kg	50	07/15/16	J/P	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	50	07/15/16	J/P	70 - 130 %
% Bromofluorobenzene	99			%	50	07/15/16	J/P	70 - 130 %
% Dibromofluoromethane	97			%	50	07/15/16	J/P	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102			%	50	07/15/16	J/P	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	5100	2000	ug/kg	50	07/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	50	07/15/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	50	07/15/16	JLI	70 - 130 %
% Toluene-d8	102			%	50	07/15/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1000	51	ug/Kg	50	07/15/16	JLI	SW8260C
Acrolein	ND	1000	130	ug/Kg	50	07/15/16	JLI	SW8260C
Acrylonitrile	ND	1000	26	ug/Kg	50	07/15/16	JLI	SW8260C
Tert-butyl alcohol	ND	5100	1000	ug/Kg	50	07/15/16	JLI	SW8260C

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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an "as received" basis, and are not corrected for dry weight.

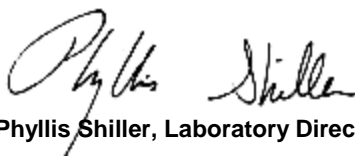
Volatile Comment:

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

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Phyllis Shiller, Laboratory Director

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

07/13/16

Time

14:58

Laboratory Data

SDG ID: GBN72943
 Phoenix ID: BN72955

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: 165B4(5-7 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/13/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethane	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloropropene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromoethane	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloroethane	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloropropane	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichloropropane	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
2,2-Dichloropropane	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
2-Chlorotoluene	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
2-Hexanone	ND	13	2.6	ug/Kg	1	07/18/16	JLI	SW8260C
2-Isopropyltoluene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
4-Chlorotoluene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	13	2.6	ug/Kg	1	07/18/16	JLI	SW8260C
Acetone	ND	26	2.6	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	5.1	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
Benzene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
Bromobenzene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
Bromochloromethane	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
Bromodichloromethane	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
Bromoform	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
Bromomethane	ND	2.6	1.0	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon Disulfide	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon tetrachloride	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
Chlorobenzene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroethane	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroform	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
Chloromethane	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromochloromethane	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromomethane	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
Dichlorodifluoromethane	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
Ethylbenzene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
Hexachlorobutadiene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
Isopropylbenzene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
m&p-Xylene	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	15	2.6	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	5.1	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
Methylene chloride	ND	2.6	2.6	ug/Kg	1	07/18/16	JLI	SW8260C
Naphthalene	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
n-Butylbenzene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
n-Propylbenzene	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
o-Xylene	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
p-Isopropyltoluene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
sec-Butylbenzene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
Styrene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
tert-Butylbenzene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrachloroethene	1.4	J 2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	5.1	1.3	ug/Kg	1	07/18/16	JLI	SW8260C
Toluene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	5.1	1.3	ug/Kg	1	07/18/16	JLI	SW8260C
Trichloroethene	1.3	J 2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorofluoromethane	ND	2.6	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
Vinyl chloride	ND	2.6	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/18/16	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	07/18/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	07/18/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	51	20	ug/kg	1	07/18/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	07/18/16	JLI	70 - 130 %
% Toluene-d8	99			%	1	07/18/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	10	0.51	ug/Kg	1	07/18/16	JLI	SW8260C
Acrolein	ND	10	1.3	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	10	0.26	ug/Kg	1	07/18/16	JLI	SW8260C
Tert-butyl alcohol	ND	51	10	ug/Kg	1	07/18/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

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.

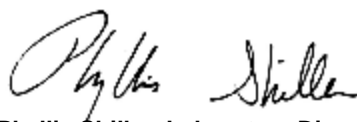
Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report
 October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

07/13/16
 07/14/16

Time

14:58

Laboratory Data

SDG ID: GBN72943
 Phoenix ID: BN72956

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: 165B4(10-12 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/13/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
2-Chlorotoluene	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
2-Hexanone	ND	17	3.3	ug/Kg	1	07/18/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
4-Chlorotoluene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	17	3.3	ug/Kg	1	07/18/16	JLI	SW8260C
Acetone	ND	33	3.3	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	6.6	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
Benzene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
Bromobenzene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
Bromochloromethane	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
Bromodichloromethane	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
Bromoform	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
Bromomethane	ND	3.3	1.3	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon Disulfide	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon tetrachloride	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
Chlorobenzene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroethane	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroform	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
Chloromethane	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromochloromethane	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromomethane	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
Ethylbenzene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
Isopropylbenzene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
m&p-Xylene	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	20	3.3	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	6.6	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
Methylene chloride	ND	3.3	3.3	ug/Kg	1	07/18/16	JLI	SW8260C
Naphthalene	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
n-Butylbenzene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
n-Propylbenzene	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
o-Xylene	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
sec-Butylbenzene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
Styrene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
tert-Butylbenzene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrachloroethene	1.2	J 3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	6.6	1.7	ug/Kg	1	07/18/16	JLI	SW8260C
Toluene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	6.6	1.7	ug/Kg	1	07/18/16	JLI	SW8260C
Trichloroethene	0.80	J 3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.3	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
Vinyl chloride	ND	3.3	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	07/18/16	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	07/18/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	1	07/18/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	66	26	ug/kg	1	07/18/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	07/18/16	JLI	70 - 130 %
% Toluene-d8	98			%	1	07/18/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	13	0.66	ug/Kg	1	07/18/16	JLI	SW8260C
Acrolein	ND	13	1.7	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	13	0.33	ug/Kg	1	07/18/16	JLI	SW8260C
Tert-butyl alcohol	ND	66	13	ug/Kg	1	07/18/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

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.

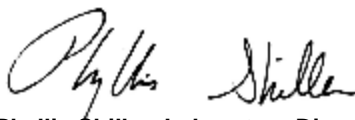
Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report

October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

07/13/16

Time

14:58

Laboratory Data

SDG ID: GBN72943
 Phoenix ID: BN72957

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: 165B4(15-16 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/13/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethane	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloroethene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
1,1-Dichloropropene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dibromoethane	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloroethane	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
1,2-Dichloropropane	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
1,3-Dichloropropane	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
2,2-Dichloropropane	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
2-Chlorotoluene	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
2-Hexanone	ND	19	3.8	ug/Kg	1	07/18/16	JLI	SW8260C
2-Isopropyltoluene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
4-Chlorotoluene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	19	3.8	ug/Kg	1	07/18/16	JLI	SW8260C
Acetone	ND	38	3.8	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	7.5	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
Benzene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
Bromobenzene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
Bromochloromethane	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
Bromodichloromethane	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
Bromoform	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
Bromomethane	ND	3.8	1.5	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon Disulfide	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
Carbon tetrachloride	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
Chlorobenzene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroethane	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
Chloroform	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
Chloromethane	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromochloromethane	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
Dibromomethane	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
Dichlorodifluoromethane	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
Ethylbenzene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
Hexachlorobutadiene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
Isopropylbenzene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
m&p-Xylene	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	23	3.8	ug/Kg	1	07/18/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.5	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
Methylene chloride	ND	3.8	3.8	ug/Kg	1	07/18/16	JLI	SW8260C
Naphthalene	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
n-Butylbenzene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
n-Propylbenzene	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
o-Xylene	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
p-Isopropyltoluene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
sec-Butylbenzene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
Styrene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
tert-Butylbenzene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrachloroethene	2.5	J 3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.5	1.9	ug/Kg	1	07/18/16	JLI	SW8260C
Toluene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.5	1.9	ug/Kg	1	07/18/16	JLI	SW8260C
Trichloroethene	1.3	J 3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorofluoromethane	ND	3.8	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
Vinyl chloride	ND	3.8	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	07/18/16	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	07/18/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	1	07/18/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	75	30	ug/kg	1	07/18/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	07/18/16	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	07/18/16	JLI	70 - 130 %
% Toluene-d8	98			%	1	07/18/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	15	0.75	ug/Kg	1	07/18/16	JLI	SW8260C
Acrolein	ND	15	1.9	ug/Kg	1	07/18/16	JLI	SW8260C
Acrylonitrile	ND	15	0.38	ug/Kg	1	07/18/16	JLI	SW8260C
Tert-butyl alcohol	ND	75	15	ug/Kg	1	07/18/16	JLI	SW8260C

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 BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

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.

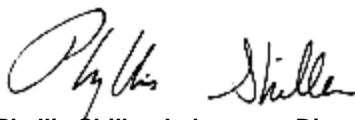
Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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

Analysis Report
 October 18, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOLID
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

07/13/16
 07/14/16

Time

14:58

Laboratory Data

SDG ID: GBN72943
 Phoenix ID: BN72962

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: TRIP BLANK HL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed					07/13/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
1,1-Dichloroethane	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
1,1-Dichloroethene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
1,1-Dichloropropene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
1,2-Dibromoethane	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
1,2-Dichloroethane	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
1,2-Dichloropropane	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
1,3-Dichloropropane	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
2,2-Dichloropropane	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
2-Chlorotoluene	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
2-Hexanone	ND	1300	250	ug/Kg	50	07/15/16	JLI	SW8260C
2-Isopropyltoluene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
4-Chlorotoluene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C

Client ID: TRIP BLANK HL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	07/15/16	JLI	SW8260C
Acetone	ND	2500	250	ug/Kg	50	07/15/16	JLI	SW8260C
Acrylonitrile	ND	500	50	ug/Kg	50	07/15/16	JLI	SW8260C
Benzene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
Bromobenzene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
Bromochloromethane	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
Bromodichloromethane	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
Bromoform	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
Bromomethane	ND	250	100	ug/Kg	50	07/15/16	JLI	SW8260C
Carbon Disulfide	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
Carbon tetrachloride	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
Chlorobenzene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
Chloroethane	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
Chloroform	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
Chloromethane	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
Dibromochloromethane	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
Dibromomethane	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
Ethylbenzene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
Hexachlorobutadiene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
Isopropylbenzene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
m&p-Xylene	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	1500	250	ug/Kg	50	07/15/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	500	50	ug/Kg	50	07/15/16	JLI	SW8260C
Methylene chloride	ND	250	250	ug/Kg	50	07/15/16	JLI	SW8260C
Naphthalene	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
n-Butylbenzene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
n-Propylbenzene	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
o-Xylene	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
p-Isopropyltoluene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
sec-Butylbenzene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
Styrene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
tert-Butylbenzene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
Tetrachloroethene	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	07/15/16	JLI	SW8260C
Toluene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	07/15/16	JLI	SW8260C
Trichloroethene	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
Trichlorofluoromethane	ND	250	50	ug/Kg	50	07/15/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
Vinyl chloride	ND	250	25	ug/Kg	50	07/15/16	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	50	07/15/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	50	07/15/16	JLI	70 - 130 %
% Dibromofluoromethane	100			%	50	07/15/16	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	50	07/15/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	5000	2000	ug/kg	50	07/15/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	50	07/15/16	JLI	70 - 130 %
% Bromofluorobenzene	98			%	50	07/15/16	JLI	70 - 130 %
% Toluene-d8	99			%	50	07/15/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1000	50	ug/Kg	50	07/15/16	JLI	SW8260C
Acrolein	ND	1000	130	ug/Kg	50	07/15/16	JLI	SW8260C
Acrylonitrile	ND	1000	25	ug/Kg	50	07/15/16	JLI	SW8260C
Tert-butyl alcohol	ND	5000	1000	ug/Kg	50	07/15/16	JLI	SW8260C

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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

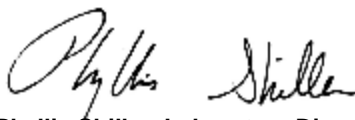
Comments:

Results are reported on an "as received" basis, and are not corrected for dry weight., TRIP BLANK INCLUDED.

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

October 18, 2016

Reviewed and Released by: Sarah Bell, Project Manager



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QA/QC Report

October 18, 2016

QA/QC Data

SDG I.D.: GBN72943

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
	Blank	RL									
QA/QC Batch 352517 (ug/kg), QC Sample No: BN72328 (BN72943 (50X) , BN72944, BN72945, BN72946, BN72947 (50X) , BN72953, BN72954 (50X) , BN72962 (50X))											
Volatiles - Solid											
1,1,1,2-Tetrachloroethane	ND	5.0	114	97	16.1	105	92	13.2	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	113	98	14.2	110	96	13.6	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	115	105	9.1	103	87	16.8	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	109	99	9.6	104	92	12.2	70 - 130	30	
1,1-Dichloroethane	ND	5.0	114	98	15.1	112	99	12.3	70 - 130	30	
1,1-Dichloroethene	ND	5.0	113	99	13.2	110	98	11.5	70 - 130	30	
1,1-Dichloropropene	ND	5.0	116	98	16.8	106	93	13.1	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	110	96	13.6	60	42	35.3	70 - 130	30 m,r	
1,2,3-Trichloropropane	ND	5.0	109	102	6.6	102	86	17.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	111	92	18.7	60	40	40.0	70 - 130	30 m,r	
1,2,4-Trimethylbenzene	ND	1.0	111	95	15.5	83	65	24.3	70 - 130	30 m	
1,2-Dibromo-3-chloropropane	ND	5.0	119	113	5.2	90	78	14.3	70 - 130	30	
1,2-Dibromoethane	ND	5.0	112	101	10.3	98	91	7.4	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	111	96	14.5	80	61	27.0	70 - 130	30 m	
1,2-Dichloroethane	ND	5.0	111	99	11.4	105	95	10.0	70 - 130	30	
1,2-Dichloropropane	ND	5.0	114	101	12.1	109	99	9.6	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	110	94	15.7	93	70	28.2	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	107	93	14.0	80	61	27.0	70 - 130	30 m	
1,3-Dichloropropane	ND	5.0	110	98	11.5	103	93	10.2	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	109	92	16.9	78	60	26.1	70 - 130	30 m	
1,4-dioxane	ND	100	111	112	0.9	112	103	8.4	70 - 130	30	
2,2-Dichloropropane	ND	5.0	110	94	15.7	95	83	13.5	70 - 130	30	
2-Chlorotoluene	ND	5.0	115	98	16.0	94	73	25.1	70 - 130	30	
2-Hexanone	ND	25	102	97	5.0	52	67	25.2	70 - 130	30 m	
2-Isopropyltoluene	ND	5.0	113	98	14.2	94	68	32.1	70 - 130	30 m,r	
4-Chlorotoluene	ND	5.0	109	90	19.1	83	66	22.8	70 - 130	30 m	
4-Methyl-2-pentanone	ND	25	110	106	3.7	87	87	0.0	70 - 130	30	
Acetone	ND	10	88	81	8.3	90	79	13.0	70 - 130	30	
Acrolein	ND	25	110	107	2.8	99	87	12.9	70 - 130	30	
Acrylonitrile	ND	5.0	108	105	2.8	89	80	10.7	70 - 130	30	
Benzene	ND	1.0	113	98	14.2	107	96	10.8	70 - 130	30	
Bromobenzene	ND	5.0	112	97	14.4	91	74	20.6	70 - 130	30	
Bromochloromethane	ND	5.0	112	99	12.3	106	99	6.8	70 - 130	30	
Bromodichloromethane	ND	5.0	117	103	12.7	110	97	12.6	70 - 130	30	
Bromoform	ND	5.0	123	110	11.2	94	86	8.9	70 - 130	30	
Bromomethane	ND	5.0	113	94	18.4	100	93	7.3	70 - 130	30	
Carbon Disulfide	ND	5.0	109	94	14.8	87	82	5.9	70 - 130	30	
Carbon tetrachloride	ND	5.0	115	99	15.0	108	93	14.9	70 - 130	30	
Chlorobenzene	ND	5.0	110	93	16.7	91	80	12.9	70 - 130	30	
Chloroethane	ND	5.0	113	98	14.2	109	101	7.6	70 - 130	30	

QA/QC Data

SDG I.D.: GBN72943

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
	Blank	RL									
Chloroform	ND	5.0	110	96	13.6	108	96	11.8	70 - 130	30	
Chloromethane	ND	5.0	115	100	14.0	109	101	7.6	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	109	95	13.7	102	91	11.4	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	112	98	13.3	95	86	9.9	70 - 130	30	
Dibromochloromethane	ND	3.0	124	107	14.7	104	96	8.0	70 - 130	30	
Dibromomethane	ND	5.0	111	101	9.4	103	93	10.2	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	117	97	18.7	108	96	11.8	70 - 130	30	
Ethylbenzene	ND	1.0	113	94	18.4	95	85	11.1	70 - 130	30	
Hexachlorobutadiene	ND	5.0	112	93	18.5	67	45	39.3	70 - 130	30	m,r
Isopropylbenzene	ND	1.0	112	96	15.4	99	76	26.3	70 - 130	30	
m&p-Xylene	ND	2.0	111	93	17.6	90	79	13.0	70 - 130	30	
Methyl ethyl ketone	ND	5.0	101	98	3.0	80	83	3.7	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	109	102	6.6	107	98	8.8	70 - 130	30	
Methylene chloride	ND	5.0	82	72	13.0	101	96	5.1	70 - 130	30	
Naphthalene	ND	5.0	110	102	7.5	37	35	5.6	70 - 130	30	m
n-Butylbenzene	ND	1.0	110	91	18.9	76	52	37.5	70 - 130	30	m,r
n-Propylbenzene	ND	1.0	108	91	17.1	93	68	31.1	70 - 130	30	m,r
o-Xylene	ND	2.0	112	95	16.4	95	83	13.5	70 - 130	30	
p-Isopropyltoluene	ND	1.0	112	94	17.5	73	57	24.6	70 - 130	30	m
sec-Butylbenzene	ND	1.0	112	96	15.4	93	64	36.9	70 - 130	30	m,r
Styrene	ND	5.0	114	96	17.1	70	70	0.0	70 - 130	30	
tert-butyl alcohol	ND	100	119	131	9.6	100	88	12.8	70 - 130	30	l
tert-Butylbenzene	ND	1.0	110	95	14.6	95	68	33.1	70 - 130	30	m,r
Tetrachloroethene	ND	5.0	113	96	16.3	105	86	19.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	104	102	1.9	99	88	11.8	70 - 130	30	
Toluene	ND	1.0	112	97	14.4	102	91	11.4	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	110	96	13.6	100	90	10.5	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	111	99	11.4	90	83	8.1	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	119	112	6.1	86	75	13.7	70 - 130	30	
Trichloroethene	ND	5.0	112	97	14.4	104	90	14.4	70 - 130	30	
Trichlorofluoromethane	ND	5.0	111	96	14.5	110	98	11.5	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	115	92	22.2	111	90	20.9	70 - 130	30	
Vinyl chloride	ND	5.0	117	100	15.7	111	102	8.5	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	%	100	102	2.0	100	99	1.0	70 - 130	30	
% Bromofluorobenzene	98	%	101	98	3.0	97	102	5.0	70 - 130	30	
% Dibromofluoromethane	99	%	102	104	1.9	95	100	5.1	70 - 130	30	
% Toluene-d8	98	%	102	101	1.0	101	101	0.0	70 - 130	30	

QA/QC Batch 352507 (ug/kg), QC Sample No: BN73647 (BN72943, BN72948, BN72949, BN72950, BN72951, BN72952, BN72954 (100X) , BN72955, BN72956, BN72957)

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	5.0	109	103	5.7	100	98	2.0	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	107	104	2.8	101	99	2.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	109	106	2.8	101	98	3.0	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	104	101	2.9	102	101	1.0	70 - 130	30	
1,1-Dichloroethane	ND	5.0	105	104	1.0	102	101	1.0	70 - 130	30	
1,1-Dichloroethene	ND	5.0	107	109	1.9	102	101	1.0	70 - 130	30	
1,1-Dichloropropene	ND	5.0	109	103	5.7	102	100	2.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	103	98	5.0	89	82	8.2	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	107	107	0.0	106	103	2.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	105	97	7.9	85	78	8.6	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	103	99	4.0	94	90	4.3	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	110	103	6.6	105	101	3.9	70 - 130	30	

QA/QC Data

SDG I.D.: GBN72943

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dibromoethane	ND	5.0	106	101	4.8	101	97	4.0	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	102	99	3.0	95	90	5.4	70 - 130	30
1,2-Dichloroethane	ND	5.0	105	102	2.9	103	101	2.0	70 - 130	30
1,2-Dichloropropane	ND	5.0	105	102	2.9	103	100	3.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	105	101	3.9	97	93	4.2	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	102	99	3.0	92	86	6.7	70 - 130	30
1,3-Dichloropropane	ND	5.0	104	101	2.9	100	98	2.0	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	100	97	3.0	90	86	4.5	70 - 130	30
1,4-dioxane	ND	100	120	105	13.3	118	105	11.7	70 - 130	30
2,2-Dichloropropane	ND	5.0	107	100	6.8	90	88	2.2	70 - 130	30
2-Chlorotoluene	ND	5.0	106	102	3.8	99	94	5.2	70 - 130	30
2-Hexanone	ND	25	103	99	4.0	97	96	1.0	70 - 130	30
2-Isopropyltoluene	ND	5.0	107	102	4.8	100	96	4.1	70 - 130	30
4-Chlorotoluene	ND	5.0	100	97	3.0	91	87	4.5	70 - 130	30
4-Methyl-2-pentanone	ND	25	105	102	2.9	102	101	1.0	70 - 130	30
Acetone	ND	10	96	92	4.3	88	89	1.1	70 - 130	30
Acrolein	ND	25	110	110	0.0	98	95	3.1	70 - 130	30
Acrylonitrile	ND	5.0	111	109	1.8	107	106	0.9	70 - 130	30
Benzene	ND	1.0	106	102	3.8	102	100	2.0	70 - 130	30
Bromobenzene	ND	5.0	106	103	2.9	100	97	3.0	70 - 130	30
Bromochloromethane	ND	5.0	106	103	2.9	103	100	3.0	70 - 130	30
Bromodichloromethane	ND	5.0	109	105	3.7	104	103	1.0	70 - 130	30
Bromoform	ND	5.0	111	107	3.7	99	97	2.0	70 - 130	30
Bromomethane	ND	5.0	105	105	0.0	96	97	1.0	70 - 130	30
Carbon Disulfide	ND	5.0	106	103	2.9	96	94	2.1	70 - 130	30
Carbon tetrachloride	ND	5.0	108	105	2.8	101	98	3.0	70 - 130	30
Chlorobenzene	ND	5.0	103	99	4.0	97	94	3.1	70 - 130	30
Chloroethane	ND	5.0	109	108	0.9	101	97	4.0	70 - 130	30
Chloroform	ND	5.0	104	101	2.9	99	99	0.0	70 - 130	30
Chloromethane	ND	5.0	105	102	2.9	98	97	1.0	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	105	102	2.9	100	98	2.0	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	104	99	4.9	95	93	2.1	70 - 130	30
Dibromochloromethane	ND	3.0	110	108	1.8	101	100	1.0	70 - 130	30
Dibromomethane	ND	5.0	105	101	3.9	103	99	4.0	70 - 130	30
Dichlorodifluoromethane	ND	5.0	90	88	2.2	80	79	1.3	70 - 130	30
Ethylbenzene	ND	1.0	106	101	4.8	100	95	5.1	70 - 130	30
Hexachlorobutadiene	ND	5.0	106	100	5.8	94	88	6.6	70 - 130	30
Isopropylbenzene	ND	1.0	104	100	3.9	97	94	3.1	70 - 130	30
m&p-Xylene	ND	2.0	104	101	2.9	97	94	3.1	70 - 130	30
Methyl ethyl ketone	ND	5.0	108	106	1.9	103	102	1.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	101	98	3.0	99	96	3.1	70 - 130	30
Methylene chloride	ND	5.0	82	80	2.5	78	76	2.6	70 - 130	30
Naphthalene	ND	5.0	107	104	2.8	98	94	4.2	70 - 130	30
n-Butylbenzene	ND	1.0	104	99	4.9	92	86	6.7	70 - 130	30
n-Propylbenzene	ND	1.0	102	98	4.0	93	90	3.3	70 - 130	30
o-Xylene	ND	2.0	104	100	3.9	98	95	3.1	70 - 130	30
p-Isopropyltoluene	ND	1.0	106	102	3.8	97	92	5.3	70 - 130	30
sec-Butylbenzene	ND	1.0	106	102	3.8	99	95	4.1	70 - 130	30
Styrene	ND	5.0	105	101	3.9	97	94	3.1	70 - 130	30
tert-butyl alcohol	ND	100	113	111	1.8	115	107	7.2	70 - 130	30
tert-Butylbenzene	ND	1.0	105	100	4.9	99	96	3.1	70 - 130	30
Tetrachloroethene	ND	5.0	107	102	4.8	100	96	4.1	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	101	99	2.0	96	96	0.0	70 - 130	30

QA/QC Data

SDG I.D.: GBN72943

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
Toluene	ND	1.0	104	101	2.9	100	97	3.0	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	140	104	29.5	138	138	0.0	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	105	101	3.9	94	92	2.2	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	112	108	3.6	91	89	2.2	70 - 130	30
Trichloroethene	ND	5.0	105	102	2.9	101	100	1.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	103	102	1.0	97	95	2.1	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	106	101	4.8	96	95	1.0	70 - 130	30
Vinyl chloride	ND	5.0	110	108	1.8	101	98	3.0	70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	99	100	1.0	102	99	3.0	70 - 130	30
% Bromofluorobenzene	98	%	101	100	1.0	100	99	1.0	70 - 130	30
% Dibromofluoromethane	99	%	102	101	1.0	98	98	0.0	70 - 130	30
% Toluene-d8	98	%	101	100	1.0	101	101	0.0	70 - 130	30

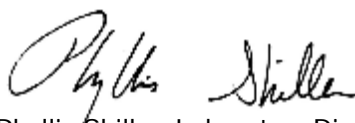
Comment:

A blank MS/MSD was analyzed with this batch.

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

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

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


 Phyllis Shiller, Laboratory Director
 October 18, 2016

Sample Criteria Exceedences Report

Criteria: NY: 375, 375GWP, 375RRS, 375RS

GBN72943 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BN72943	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	520	230	470	470	470	ug/Kg
BN72943	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	520	230	470	470	470	ug/Kg
BN72947	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	310	50	50	50	ug/Kg
BN72947	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	31	20	20	20	ug/Kg
BN72947	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	310	50	50	50	ug/Kg
BN72947	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	310	120	120	120	ug/Kg
BN72947	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	310	20	20	20	ug/Kg
BN72947	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	6300	310	1300	1300	1300	ug/Kg
BN72947	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	310	210	210	210	ug/Kg
BN72947	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Residential	6300	310	5500	5500	5500	ug/Kg
BN72947	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	6300	310	1300	1300	1300	ug/Kg
BN72947	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	310	120	120	120	ug/Kg
BN72947	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	310	20	20	20	ug/Kg
BN72947	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	310	50	50	50	ug/Kg
BN72947	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	31	20	20	20	ug/Kg
BN72947	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	310	50	50	50	ug/Kg
BN72947	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	6300	100	100	100	ug/kg
BN72947	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	6300	100	100	100	ug/kg
BN72954	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	26	20	20	20	ug/Kg
BN72954	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	26	20	20	20	ug/Kg
BN72954	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	260	50	50	50	ug/Kg
BN72954	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	260	50	50	50	ug/Kg
BN72954	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	260	50	50	50	ug/Kg
BN72954	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	260	50	50	50	ug/Kg
BN72954	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	260	120	120	120	ug/Kg
BN72954	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	260	120	120	120	ug/Kg
BN72954	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	26	20	20	20	ug/Kg
BN72954	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	26	20	20	20	ug/Kg
BN72954	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	9200	510	470	470	470	ug/Kg
BN72954	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	9200	510	470	470	470	ug/Kg
BN72954	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	2000	260	1300	1300	1300	ug/Kg
BN72954	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	2000	260	1300	1300	1300	ug/Kg
BN72954	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	5100	100	100	100	ug/kg
BN72954	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	5100	100	100	100	ug/kg

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



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



NY Temperature Narration

October 18, 2016

SDG I.D.: GBN72943

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



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

Cooler: Yes No
 Coolant: IPK ICE
 Temp 14°C Pg 1 of 2
 Contact Options:

Fax:
 Phone: 631-504-6000
 Email: creilly@phoenixlabs.com

Customer: Environmental Business Consultants
 Address: 1808 Middle Country Road
 Ridge, NY 11961
 Project: 39-40 30th Street Queens NY
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants

This section **MUST** be completed with **Bottle Quantities.**

Sampler's Signature: Thomas Gallo Date: 7-13-16
 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

PHOENIX USE ONLY	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
T20443	16581 (6-8)	S	7-13-16		X
T20444	16581 (5-7)	S	7-13-16		X
T20445	16581 (10-12)	S	7-13-16		X
T20446	16581 (15-17)	S	7-13-16		X
T20447	16582 (0-2)	S	7-13-16		X
T20448	16582 (5-7)	S	7-13-16		X
T20449	16582 (10-12)	S	7-13-16		X
T20450	16582 (15-17)	S	7-13-16		X
T20451	Soil Duplicate 1	S	7-13-16		X
T20452	Soil Duplicate 2	S	7-13-16		X
T20453	Triplanks LL	S	7-13-16		X

Relinquished by: [Signature] Date: 7-14-16 Time: 12:00
 Accounted by: [Signature] Date: 7-14-16 Time: 14:58
 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
 NY 375 GWP
 NY375 Unrestricted Use Soil
 NY375 Residential Soil
 Restricted/Residential Commercial
 Industrial

Data Format:
 Phoenix Std Report
 Excel
 PDF
 GIS/Key
 EQUIS
 NJ Hazsite EDD
 NY EZ EDD (ASP)
 Other

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

State where samples were collected: NY

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

Cooler: Yes No
 Coolant: IPK ICE
 Temp 11 °C Pg 2 of 2

Contact Options:
 Fax: Phone: Email:
 631-504-6000

Customer: Environmental Business Consultants
 Address: 1808 Middle Country Road
 Ridge, NY 11961
 Project: 39-40 30th Street Queens NY Project P.O.:
 Report to: Environmental Business Consultants
 Invoice to: Environmental Business Consultants

This section **MUST** be completed with **Bottle Quantities.**

Sampler's Signature: Thomas Gallo Date: 7-13-16
 Client Sample - Information - Identification
 Matrix Code: 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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request	Turnaround:		NJ <input type="checkbox"/> Res Criteria <input type="checkbox"/> Non-Res. Criteria <input type="checkbox"/> Impact to GW Soil Cleanup Criteria <input type="checkbox"/> GW Criteria	NY <input type="checkbox"/> NY 375 GWP <input checked="" type="checkbox"/> NY375 Unrestricted Use Soil <input checked="" type="checkbox"/> NY375 Residential Soil <input checked="" type="checkbox"/> Restricted/Residential Commercial Industrial	Data Format <input type="checkbox"/> Phoenix Std Report <input checked="" type="checkbox"/> Excel <input checked="" type="checkbox"/> PDF <input checked="" type="checkbox"/> GIS/Key <input checked="" type="checkbox"/> EQUIS <input type="checkbox"/> NJ Hazsite EDD <input checked="" type="checkbox"/> NY EZ EDD (ASP) <input type="checkbox"/> Other
						1 Day*	2 Days*			
12054	16584 (0-9')	S	7-13-16		X					
12055	16584 (5-7')	S	↓		X					
12056	16584 (10-12')	S			X					
12057	16584 (15-17')	S	7-13-16		X					
12062	TB FIL									

Relinquished by: Thomas Gallo Date: 7-14-16 Time: 14:06
 Accepted by: [Signature] Date: 7-14-16 Time: 14:58

Comments, Special Requirements or Regulations:

State where samples were collected: NY

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

Sarah Bell

From: Chawinie Reilly <creilly@ebcincny.com>
Sent: Tuesday, October 18, 2016 2:55 PM
To: Sarah Bell
Subject: Re: GBN72943 & GBN74859

Ok that would be totally fine; would we get the edited results today ?

From: Sarah Bell
Sent: Tuesday, October 18, 2016 2:52 PM
To: Chawinie Reilly
Subject: RE: GBN72943 & GBN74859

I can scan your email up to the files that works for me. We will have to redo the Data Package but I can send you a revised report now with the new names but the DP will take a couple days to update their files.

Sarah Bell
Client Services - Project Manager
Accounts Receivable
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102

From: Chawinie Reilly [<mailto:creilly@ebcincny.com>]
Sent: Tuesday, October 18, 2016 2:51 PM
To: Sarah Bell
Subject: re: GBN72943 & GBN74859

Hi Sarah,

I need some edits to the sample names for these results.

GBN72943:

16SB2 15-17 should be 16SB2 15-16
16SB4 15-17 should be 16SB4 15-16

GBN74859:

16SB3 15-17 should be 16SB3 15-16
16SB6 15-17 should be 16SB6 15-16

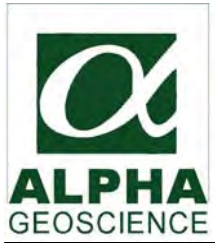
Are you guys able to changes this in the results ? Do you need a marked up copy of the COC ?

Thanks,

Chawinie Reilly
Project Manager / Industrial Hygienist
EBC
Environmental Business Consultants
Ph: (631) 504-6000 ext. 123
Fax: (631) 924-2870
Cell: (631) 827-5007
creilly@ebcincny.com

**ATTACHMENT H:
DATA USABILITY SUMMARY
REPORTS (DUSR_s)**

INDOOR AIR DUSRs



**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GBK16519**

**5 Indoor Air Samples
Collected October 29, 2015**

Prepared by: Donald Anné
November 9, 2015

Geology

Hydrology

Remediation

Water Supply

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 5 indoor air samples analyzed for TO-15 volatiles.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the method for volatiles.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- The volatile results for ethanol in samples Indoor Air Second Floor 03, Indoor Air Second Floor 02, Indoor Air Second Floor 04, and Indoor Air Second Floor 01 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged “E” by the laboratory. The results for ethanol marked “E” in the samples were qualified as estimated (J).
- The volatile result for isopropyl alcohol in sample Indoor Air Second Floor 01 was quantitated using data that was extrapolated beyond the highest calibration standard and flagged “E” by the laboratory. The result for isopropyl alcohol marked “E” in the samples were qualified as estimated (J).

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GBK28650**

**10 Soil Gas/Indoor Air Samples
Collected November 24, 2015**

Prepared by: Donald Anné
December 29, 2015

Geology

Hydrology

Remediation

Water Supply

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 10 soil gas/indoor air samples analyzed for TO-15 volatiles.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the method for volatiles.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- The volatile results for ethanol in all samples except sample AA 03 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for ethanol marked "E" in the samples were qualified as estimated (J).
- The volatile result for isopropyl alcohol in sample Indoor Air Second Flr 04 was quantitated using data that was extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for isopropyl alcohol marked "E" in the samples were qualified as estimated (J).

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Method TO-15 Volatiles Data
for Phoenix Environmental Laboratories, Inc.
SDG: GBK69611**

**6 Soil Gas/Indoor Air Samples
Collected February 24, 2016**

Prepared by: Donald Anné
March 14, 2016

Holding Times: Samples were analyzed within recommended USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010), as required.

The %RSD for isopropyl alcohol was above the allowable maximum (30%) for CHEM20 on 02-25-16. Positive results for isopropyl alcohol should be considered estimated (J) in associated samples.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for isopropyl alcohol, 4-methyl-2-pentanone, 2-hexanone, and benzyl chloride were above the allowable maximum (30%) on 02-26-16 (0226 02.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the air gas samples.

Laboratory Control Sample: The percent recoveries for target compounds were within QC limits for air/vapor sample BK69611 LCS.

Laboratory Duplicate: The relative percent differences for applicable compounds were below the allowable maximum (40%) for duplicate sample INDOOR AIR SECOND FLOOR 03 (attached table), as required.

Compound ID: Checked compounds were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for ethanol in all 6 samples were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The results that are flagged as 'E' in the samples should be considered estimated (J).

Canister Cleaning Log: The analysis of the cleaned canister blank, blk 807, reported traces of ethanol (1.50 ppbv), isopropyl alcohol (0.540 ppbv), and methyl ethyl ketone (0.630 ppbv). The analysis of the cleaned canister blank, blk 810, reported a trace of methyl ethyl ketone (0.440 ppbv).

Canister Pressure: The laboratory reported "received" pressures for soil gas samples were below zero (residual vacuum), as required.



**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GBK53620**

**6 Soil Gas/Indoor Air Samples
Collected January 14, 2016**

Prepared by: Donald Anné
March 14, 2016

Geology

Hydrology

Remediation

Water Supply

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 6 soil gas/indoor air samples analyzed for TO-15 volatiles.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the method for volatiles.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- The “not detected” volatile results for bromoform were flagged as “estimated” (J) in all 6 air/vapor samples because the percent recovery for bromoform was below QC limits in the associated air/vapor LCS.
- The positive volatile result for methylene chloride was flagged as “estimated” (J) in sample INDOOR AIR SECOND FLR 03 because the relative percent difference for methylene chloride was above the allowable maximum for the duplicate analysis.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.



**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GBN16773**

**7 Soil Gas/Indoor Air Samples
Collected April 19, 2016**

Prepared by: Donald Anné
May 23, 2016

Geology

Hydrology

Remediation

Water Supply

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 7 soil gas/indoor air samples analyzed for TO-15 volatiles.

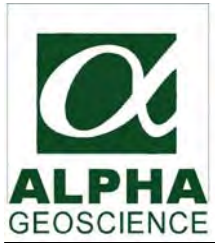
The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the method for volatiles.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- The volatile results for ethanol in all 7 soil gas/air samples were quantitated using data that was extrapolated beyond the highest calibration standard and flagged “E” by the laboratory. The result for ethanol marked “E” in the samples were qualified as estimated (J).
- The positive volatile results for 15 compounds were flagged as “estimated” (J) in sample SG 17 because the internal standards used to quantitated these results was above control limits in sample SG 17.
- The positive volatile results for 6 compounds (not including ethanol) were flagged as “estimated” (J) in sample SG 22 because the internal standards used to quantitated these results was above control limits in sample SG 22.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GBK60721**

**7 Soil Gas/Indoor Air Samples
Collected June 21, 2016**

Prepared by: Donald Anné
August 9, 2016

Geology

Hydrology

Remediation

Water Supply

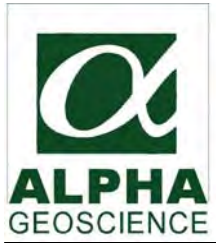
The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 7 soil gas/indoor air samples analyzed for TO-15 volatiles.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the method for volatiles.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- The volatile results for ethanol in all 7 soil gas/air samples were quantitated using data that was extrapolated beyond the highest calibration standard and flagged “E” by the laboratory. The result for ethanol marked “E” in the samples were qualified as estimated (J).

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.



**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GBN89211**

**7 Soil Gas/Indoor Air Samples
Collected August 8, 2016**

Prepared by: Donald Anné
September 2, 2016

Geology

Hydrology

Remediation

Water Supply

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 7 soil gas/indoor air samples analyzed for TO-15 volatiles.

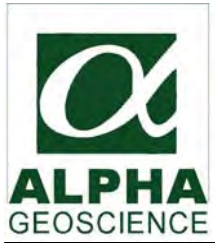
The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the method for volatiles.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- The volatile results for ethanol in all 7 soil gas/air samples were quantitated using data that was extrapolated beyond the highest calibration standard and flagged “E” by the laboratory. The result for ethanol marked “E” in the samples were qualified as estimated (J).
- The volatile result for methylene chloride was flagged estimated (J) in sample INDOOR AIR 2ND FLOOR 03 because the relative percent difference for methylene chloride was above the allowable maximum for the duplicate analysis.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GBV12079**

**7 Soil Gas/Indoor Air Samples
Collected September 8, 2016**

Prepared by: Donald Anné
October 4, 2016

Geology

Hydrology

Remediation

Water Supply

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 7 soil gas/indoor air samples analyzed for TO-15 volatiles.

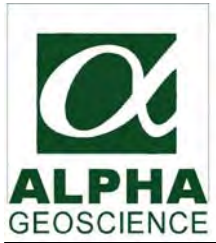
The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the method for volatiles.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- The volatile results for ethanol in all 7 soil gas/air samples were quantitated using data that was extrapolated beyond the highest calibration standard and flagged “E” by the laboratory. The result for ethanol marked “E” in the samples were qualified as estimated (J).
- Positive and “not detected” volatile results for target compounds were flagged estimated (J or UJ) in samples SG16 and Elevator Pit because the “received” pressures for soil gas samples SG16 and Elevator Pit were not below zero (residual vacuum) as required.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GBV42130**

**7 Soil Gas/Indoor Air Samples
Collected October 6, 2016**

Prepared by: Donald Anné
November 8, 2016

Geology

Hydrology

Remediation

Water Supply

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 7 soil gas/indoor air samples analyzed for TO-15 volatiles.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the method for volatiles.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- The volatile results for ethanol in all 7 soil gas/air samples were quantitated using data that was extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for ethanol marked "E" in the samples were qualified as estimated (J).

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GBX11093**

**8 Soil Gas/Indoor Air Samples
Collected December 21, 2016**

Prepared by: Donald Anné
January 25, 2017

Geology

Hydrology

Remediation

Water Supply

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 8 soil gas/indoor air samples analyzed for TO-15 volatiles.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the method for volatiles.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- The volatile results for ethanol in samples SG22, SG24, INDOOR AIR SECOND FLOOR 03, INDOOR AIR SECOND FLOOR 04, and ELEVATOR PIT were quantitated using data that was extrapolated beyond the highest calibration standard and flagged “E” by the laboratory. The result for ethanol marked “E” in the samples were qualified as estimated (J).
- The volatile results for ethanol in samples SG16, SG23, and SG17 were flagged estimated (J) because the percent recoveries for ethanol were below QC limits in the associated air/vapor LCSs.
- The “not detected” volatile result for hexachlorobutadiene in sample ELEVATOR PIT was flagged estimated (J) because the percent recovery for hexachlorobutadiene was below QC limits in the associated air/vapor LCS.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GBV81711**

**8 Soil Gas/Indoor Air Samples
Collected November 10, 2016**

Prepared by: Donald Anné
January 25, 2017

Geology

Hydrology

Remediation

Water Supply

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 8 soil gas/indoor air samples analyzed for TO-15 volatiles.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the method for volatiles.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- The volatile results for ethanol in all 8 soil gas/air samples were quantitated using data that was extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for ethanol marked "E" in the samples were qualified as estimated (J).
- The volatile results for isopropyl alcohol in the following samples were quantitated using data that was extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for isopropyl alcohol marked "E" in the samples were qualified as estimated (J).

SG24
SG22

SG23
SG17

INDOOR AIR SECOND FLOOR 03
INDOOR AIR SECOND FLOOR 04

- The volatile results for methyl ethyl ketone (MEK) in samples INDOOR AIR SECOND FLOOR 03 and SB16 were flagged estimated (J) because the percent recovery for MEK was above QC limits in the associated air/vapor LCS.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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JULY 2016 SAMPLING DUSR_s



**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GBN72943**

**12 Soil Samples,
2 Field Duplicates, and 2 Trip Blanks
Collected July 13, 2016**

Prepared by: Donald Anné
August 22, 2016

Geology

Hydrology

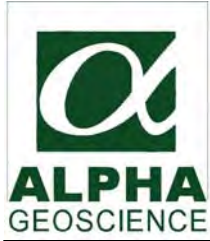
Remediation

Water Supply

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 12 soil samples, 2 field duplicates, and 2 trip blanks analyzed for volatiles.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the analytical methods.

The data are acceptable with some minor issues that are identified in the accompanying data validation reviews. There were no data that were qualified either estimated (J, J-, or J+) or rejected, unusable (R); therefore, all data are considered usable. Detailed information on data quality is included in the data validation review.



**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GBN74859**

**11 Soil Samples and 2 Trip Blanks
Collected July 16, 2016**

Prepared by: Donald Anné
August 22, 2016

Geology

Hydrology

Remediation

Water Supply

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 11 soil samples and 2 trip blanks analyzed for volatiles.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the analytical methods.

The data are acceptable with some minor issues that are identified in the accompanying data validation reviews. There were no data that were qualified either estimated (J, J-, or J+) or rejected, unusable (R); therefore, all data are considered usable. Detailed information on data quality is included in the data validation review.



**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GBN68592**

**9 Ground Water Samples,
1 Field Duplicate, and 1 Trip Blank
Collected July 6, 2016**

Prepared by: Donald Anné
August 22, 2016

Geology
Hydrology
Remediation
Water Supply

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 9 ground water samples, 1 field duplicate, and 1 trip blank analyzed for volatiles.

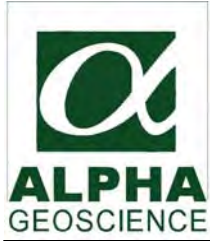
The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the analytical methods.

The data are acceptable with some minor issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The “not detected” volatile results for acetone were flagged as “estimated” (J) in the following samples because 2 of 2 percent recoveries for acetone were below the QC limits in the associated aqueous LCS/LCSD.

MW1	MW2	MW4	MW6	GW DUPLICATE
MW7	MW ADJ 2	MW ADJ3	TRIP BLANK	

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.



**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GBN79548**

**1 Ground Water Sample and 1 Trip Blank
Collected July 13, 2016**

Prepared by: Donald Anné
August 22, 2016

Geology

Hydrology

Remediation

Water Supply

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 1 ground water sample and 1 trip blank analyzed for volatiles.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the analytical methods.

The data are acceptable with some minor issues that are identified in the accompanying data validation reviews. There were no data that were qualified either estimated (J, J-, or J+) or rejected, unusable (R); therefore, all data are considered usable. Detailed information on data quality is included in the data validation review.

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TANK SAMPLE DUSR_s



**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GBV00495**

**4 Soil Samples and 1 Trip Blank
Collected August 29, 2016**

Prepared by: Donald Anné
December 15, 2016

Geology

Hydrology

Remediation

Water Supply

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 4 soil samples and 1 trip blank analyzed for volatiles and 4 soil samples analyzed for semi-volatiles.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the analytical methods.

The data are acceptable with some minor issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The “not detected” semi-volatile results for benzoic acid, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and benzidine were flagged as “estimated” (J) in all 4 soil samples because 2 of 2 percent recoveries for benzoic acid, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and benzidine were below QC limits in the associated soil LCS/LCSD.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.



**Data Usability Summary Report for
Phoenix Environmental Laboratories, Inc.
SDG: GBV64600**

**1 Soil Sample, 1 Field Duplicate,
and 1 Trip Blank
Collected October 22, 2016**

Prepared by: Donald Anné
December 15, 2016

Geology

Hydrology

Remediation

Water Supply

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 1 soil sample, 1 field duplicate, and 1 trip blank analyzed for volatiles and 1 soil sample and 1 field duplicate analyzed for semi-volatiles.

The overall performances of the analyses are acceptable. Phoenix Environmental Laboratories, Inc. did fulfill the requirements of the analytical methods.

The data are acceptable with some minor issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The “not detected” volatile results for acetone were flagged as “estimated” (J) in the soil sample, field duplicate and trip blank because 1 of 2 percent recoveries for acetone was below QC limits in the associated soil LCS/LCSD.
- The “not detected” semi-volatile results for benzoic acid, 2,4-dinitrophenol, and benzidine were flagged as “estimated” (J) in the soil sample and field duplicate because 2 of 2 percent recoveries for benzoic acid, 2,4-dinitrophenol, and benzidine were below QC limits in the associated soil LCS/LCSD.
- The “not detected” semi-volatile results for 4,6-dinitro-2-methylphenol were flagged as “estimated” (J) in the soil sample and the field duplicate because 1 of 2 percent recoveries for 4,6-dinitro-2-methylphenol was below QC limits in the associated soil LCS/LCSD.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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**ATTACHMENT I:
SVE DOCUMENTATION
(APPROVED DESIGN
DOCUMENT)**

**39-40 30th STREET
QUEENS, NEW YORK
Block 399 Lot 34**

**SOIL VAPOR EXTRACTION DESIGN
DOCUMENT**

AUGUST 2016
Revised September 2016

*Former Union Wire Dye Corp
BCP C241163*

Prepared for:
Ganesh Management, LLC
39-40 30th Street
Long Island City, NY 11101

Prepared By:



AMC Engineering PLLC
38-20 32ND Street
Long Island City, NY 11101
Phone: (516) 417-8588

CERTIFICATIONS

I, Ariel Czemerinski, certify that I am currently a NYS registered professional engineer and that this Soil Vapor Extraction Design Document was prepared in accordance accepted engineering practices.

076508

NYS Professional Engineer #

9/12/2016

Date



Signature

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39-40 30th Street, Queens

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Appendix B	Daily Status Report Form, SVE Inspection Form
Appendix C	Weekly Carbon Monitoring Form
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1.0 SITE BACKGROUND

This SVE Design Document has been prepared by AMC Engineering (AMC) for a commercial property located at 39-40 30th Street in the Long Island City section of Queens (**Figure 1**). The Site has been formally presented for entry into to the New York State Department of Environmental Conservation (NYSDEC) Brownfields Cleanup Program (BCP) through an application submitted on June 11, 2014. The applicant has applied to this program as a Volunteer.

The remedial investigation was performed during several mobilizations; the initial mobilization from December 9, 2013 to December 20, 2013, in accordance with the Remedial Investigation Work Plan approved by the NYCOER as part of the E-designation review process, and the supplemental mobilization from December 15, 2014 through December 26, 2014 in accordance with the Remedial Investigation Work Plan approved by the NYSDEC. A third mobilization was conducted on August 5, 2015. A fourth mobilization was performed on October 29, 2015 and a fifth mobilization was conducted on November 24, 2015.

The Remedial Investigation (EBC) identified elevated levels of trichloroethene (TCE) in shallow soil (above the water table) for three boring locations; the concentrations were above unrestricted soil cleanup objectives (SCOs). Chlorinated VOC's, including tetrachloroethene (PCE) and TCE, were detected within all five groundwater samples above NYSDEC groundwater standards. TCE concentrations in soil gas ranged from 232 $\mu\text{g}/\text{m}^3$ to 9,400 $\mu\text{g}/\text{m}^3$. PCE concentrations ranged from 3,520 $\mu\text{g}/\text{m}^3$ to 9,760 $\mu\text{g}/\text{m}^3$. Cis-1,2-dichloroethene (DCE) was reported above groundwater standards in one sample. In addition, petroleum-related VOC's including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, ethylbenzene, isopropylbenzene, and mixed xylenes were also reported above standards in one sample.

The elevated TCE levels reported in soil gas are associated with off-gassing from the TCE-impacted soil. It would not be expected to be related to off-gassing from the TCE impacted groundwater since the TCE concentrations in groundwater are relatively low. The elevated PCE levels in soil gas are either related to off-gassing from the PCE plume beneath the site or from the migration of vapors from PCE impacted soil on the adjacent Bridge Cleaners property.

Shallow soil samples collected reported elevated levels of some metals and SVOCs are consistent with that associated with historic fill throughout the area.

In addition the Remedial Investigation, several air-monitoring installations and inspections were completed in Fall 2015. An October 27, 2015 conference call with NYSDEC, NYSDOH, EBC, AMC Engineering, and Ganesh Management (owner) called for increased indoor air sampling throughout the building and the installation of an activated carbon system to filter out TCE.

The monitoring reported elevated indoor, ambient air concentrations of Trichloroethene that exceeded NYSDOH standards, calling for immediate action. The immediate actions included the addition of an air scrubbing system, the sealing of all slab cracks, and a carbon filtration system installation. On December 18, 2015, an Immediate Action Report was prepared by AMC detailing the results and actions taken during this time period. **Figure 2** illustrates the results of the air sampling event.

A soil vapor extraction (SVE) system has been proposed as part of the remedy outlined in the approved Remedial Action Work Plan (RAWP) to reduce the potential risk of vapor intrusion. The SVE system will be installed beneath the basement slab, and converted into an active sub-slab depressurization system (SSDS) upon reaching asymptotic recovery levels. A vapor barrier will be installed with all excavated areas and SVE/SSDS trenches.

2.0 SITE DESCRIPTION AND HISTORY

The Site address is 39-40 30th Street, Queens, New York 11101. It is located on the northwest corner of the intersection between 40th Avenue and 30th Street in Queens, New York. The site is designated as Block 399 Lot 34 on the Queens Tax Map. The Site consists of a single tax parcel with 133 feet of street frontage on 30th Street and 100 feet of street frontage on 40th Avenue for a total of 14,000 square feet (0.32 acres). The lot is currently developed with a two-story commercial warehouse which occupies approximately 70% of the lot.

The property has an elevation of approximately 28 feet above the National Geodetic Vertical Datum (NGVD) feet. The depth to groundwater beneath the site, as determined from field measurements, is approximately 20 feet below grade. Based on regional groundwater contour maps, groundwater flow is expected to be west towards the East River.

Historic records show the subject site as being developed with a gas station in 1936. The property was redeveloped by 1947 onto a two-story warehouse utilized by Optical Products Corporation for manufacturing, shipping, and as an office. The building has remained since, with several other occupants including Union Wire Die Corp (1960s), National Tea Packaging Co. Inc. (1962-1991), and a warehouse (1991-2006).

3.0 SOIL VAPOR EXTRACTION SYSTEM DESCRIPTION

Remediation of the CVOC vapors will be achieved through the installation of a Soil Vapor Extraction (SVE) system beneath the existing foundation. Based on soil type observed at the site and typical SVE system design parameters, the following preliminary design will be installed. The extraction well specifications at each location were determined based on the depth of soil contamination; the full data set on soil contamination is provided in the RAWP. The proposed system is as follows:

- Four extraction well system of the following depths:
 - VE1: 12.5' below grade
 - VE2: 6.5' below grade
 - VE3: 2.5' below grade
 - VE4: 2.5' below grade
- Extraction lines of the aforementioned depths consisting of 2-inch diameter PVC of the following lengths:
 - VE1: 11.5-foot slotted screen,
 - VE2: 5.5-foot slotted screen,
 - VE3: 1.5-foot slotted screen,
 - VE4: 1.5-foot slotted screen,Connected to 1-foot risers embedded in approximately 6 inches of bentonite grout;
- Extraction wells equipped with vacuum gauge, sampling port, and flow controllers;
- Wells tied to a system with 4-inch and 6-inch diameter PVC extraction lines;
- 7.5 HP regenerative blower (Ametek Rotron DR858AY72W) with particulate filter and vapor trap located outside the room;
- A 2-cannister, discharge treatment with vapor-phase granular activated carbon (General Carbon Corporation)

The four extraction wells are approximately located as indicated in **Figure 4**. The approximate locations are with respect to the building:

- VE1: 20' south and 8' east of the NW corner
- VE2: 8' north and 10' east of the SW corner
- VE3: 8' north and 28' west of the SE corner

- VE4: 13' south and 20' west of NE corner

The anticipated layout of the SVE system is shown in **Figure 4**.

A SVE pilot test was conducted to confirm that the preliminary SVE design was acceptable (See Section 4). The pilot test results provided the data to estimate the radius of influence and total flow in the system. After developing a layout based on the ROI and flow, the headloss was estimated. According to the pilot test results, the total flow in the system is approximately 208 cfm. The estimated headloss is 18 inches of water column. The blower was selected based on the estimated total flow and headloss to ensure that the vacuum in each well is sufficient.

The SVE system will not be discontinued without the written approval by the NYSDEC and NYSDOH. A proposal for conversion of the SVE system into an active SSDS through replacement of the regenerative blower with a radon type fan and removal of the vapor phase carbon treatment may be submitted by the property owner based on confirmatory data that justifies such a request. The system will remain in place and operation until permission to discontinue use is granted in writing by the NYSDEC and NYSDOH.

4.0 SVE PILOT TEST SUMMARY

4.1 Pilot Test Objectives

The objectives of the SVE pilot test were to:

- Collect vacuum and flow rate data to determine the full-scale design parameters for the SVE system;
- Determine the effective radius of influence (ROI) for the full-scale system design; and
- Estimate the VOC composition of effluent gas.

4.2 Pilot System Description

As depicted on **Figure 3**, the pilot system consisted of

- One extraction line constructed of 6.5 feet of 2-inch diameter 10 slot (0.010-inch) PVC well screen;
- One 2" Riser constructed of solid PVC Schedule 40 pipe, followed by
- One PVC piping system with a manual-control throttle
- One 1HP Regenerative Blower (Rotron EN505) capable of drawing 142 cfm @ 10" WC vacuum, followed by
- A 4" discharge hose to the outdoors
- 3 observation wells were monitored at 10', 15', and 25' from the extraction well (see **Figure 3**).

4.3 Pilot Test Results

The SVE pilot test was conducted on August 3, 2016, by Ariel Czemerinski (P.E, AMC). The test was witnessed by Ruth Curley (NYSDEC) and Aine Chalmers (AMC). The SVE test was conducted three times at different well head vacuums. The results of the pilot test can be found below:

Test #	Valve Setting	Vacuum (inches of water column)					Exhaust Velocity (ft/min)	VOC (ppm)	Exhaust flow rate (cfm)
		Blower	SV2	OW1 (25')	OW2 (10')	OW3 (15')			
1	Open	35	31	0.55	1.67	0.78	1929	1.25	168.34
2	Closed 45 degrees	47	21	0.35	1.21	0.55	1645	1.15	143.55
3	Closed 60 degrees	59	9	0.19	0.58	0.25	1161	0.85	101.32

For this site, the radius of influence is determined as the distance from the extraction well that indicates a minimum vacuum of 0.1 inches of water column. Based on our results, the radius of influence must be calculated through extrapolation. **Figure 5** includes the graphical data and estimation of the radius of influence.

5.0 SYSTEM DESIGN AND OPERATION

5.1 System Design

The SVE system is designed with four 2" wells as indicated in Figure 4. Data obtained from the pilot test was used to determine radius of influence, flows and needed vacuum at well heads to achieve 0.1" w.c. at the most remote area.

With these parameters in mind, after having analyzed the pressure drop across the piping, a 7.5 HP Rotron blower has been selected for this job.

5.2 System Summary

The SVE system is composed of four wells, each going to depths as specified in Figure 4. The risers are extended with 4" pipe into the underside of the ceiling from where they run until they meet a 6" PVC header. The header is reduced to 1.5" suction into the blower, which discharges the air through two vapor-phase activated carbon drums, arranged in series, and into the stack outdoors. Figure 4 and 5 contains details for installation.

5.3 Start-Up

The SVE system can begin operation once the equipment is obtained and the extraction system (PVC piping) is prepared. The extraction wells are already prepared. As indicated in the design, the extraction system will be lofted to the ceiling height, which is approximately 9 feet. The blower will be located in the garage (to reduce noise). The pipe will penetrate the wall separating the main space with the garage. The annular space will be sealed with silicone sealant.

The extraction wells (via sampling port) and monitoring wells (Figure 9) will be sampled after system start-up to confirm the SVE ROI. The start-up samples should be taken at all sampling wells on at least two different days to document the radius of influence. The start-up period will require weekly samples for approximately one month.

While it is unlikely, MW1 and MW2 are located at the furthest points from the vapor extraction wells and may not produce measurable vacuum readings. If the start-up testing indicates no vacuum at these points, additional vacuum monitoring points will be installed. The exact

placement of the additional vacuum monitoring points will be decided in consultation with the DEC, however, it is anticipated that the additional vacuum monitoring points would be located in a similar position, closer to the nearest extraction well.

PID readings should be collected at each SVE well during the start-up testing period. There are sampling ports on the SVE risers. First, a grab sample can be isolated using a tedlar bag and hand pump, then the PID can measure VOCs in the tedlar bag, unless a suitable reading can be obtained directly by inserting the PID probe into the sampling port.

All results must be recorded on the **SVE System Inspection** form (**Appendix B**).

5.4 Sampling Procedures

At the start, samples will be taken more frequently to ensure system functionality. Vacuum readings and samples will be taken weekly for one month, biweekly the following month, and then quarterly.

PID readings, vacuum readings and flow rates will be collected directly from the SVE wells. To allow for ease in sampling, pressure gauges and sampling ports will be installed directly onto the 2" PVC risers on each well. As per NYSDEC recommendation, sampling events will include the VOC concentration with PID (from tedlar bag method described in 5.3), flow rate, and vacuum pressure. These findings will be recorded on the **SVE System Inspection** form (**Appendix B**).

Once system operations have been established, quarterly inspections will be completed by a PE to ensure that the system is operating properly.

The activated carbon adsorption capacity and breakthrough will be tested by obtaining measures of the VOC content in the inlet and outlet of the carbon and comparing the two values. The sampling method described in Section 5.3 will be utilized. Based on historical observations, indoor air carbon needs to be sampled weekly to determine breakthrough. Breakthrough is defined as the instance when pre-carbon and mid-carbon values are approximately the same.

When breakthrough is achieved, the second stage carbon will be moved to first stage, and a new carbon vessel with fresh carbon will be installed as second stage. Canisters shall be labeled with their date of installation. All results must be included on the **Weekly Carbon Monitoring** form (**Appendix C**).

To ensure continuity in treatment, at least two spare canisters shall be kept onsite. These shall be labeled as “New” when delivered to avoid reuse. Used canister shall be labeled “Used”.

If design conditions are not met, inspections will be more frequent to assess and correct the SVE system. Any system changes will be submitted to the NYSDEC for approval. Appropriate reporting procedures will be followed during this process.

5.5 Reporting

An inspection form will be completed during each inspection (following the timeline listed in 5.4). Any other actions will be recorded in a Daily Status Report (DSR). A Periodic Review Report will be completed each year to summarize the findings and assess the efficacy of the system.

When samples indicate sustained reduction, the system will be shut down and indoor air samples can be collected. The SVE system will not be discontinued without the written approval by the NYSDEC and NYSDOH. A proposal for conversion of the SVE system into an active SSDS through replacement of the regenerative blower with a radon type fan and removal of the vapor phase carbon treatment may be submitted by the property owner based on confirmatory data that justifies such a request. The system will remain in place and operation until permission to discontinue use is granted in writing by the NYSDEC and NYSDOH.

5.6 Performance

As mentioned, inspections will evaluate the system performance on a quarterly basis. It is expected that the four extraction wells have a radius of influence of approximately 50 feet or greater at the operating conditions.

The stack height is approximately 11 feet. The exit temperature is expected to be no more than 2 degrees above ambient temperature.

NYSDEC requires that VOC emissions do not exceed 0.5 lb/day. The designed SVE system meets this emission rate potential requirement. The emission rate potential was calculated based on the following assumptions:

1. No more than the highest measured total VOCs is expected to be drawn from the effluent.
2. The 2-cannister, vapor phase activated carbon system (General Carbon Corporation) has 90% removal efficiencies.
3. The highest concentration of VOCs measured during past investigations was on 08/2015 from SG11 at 27,700 ug/m³.
4. From the pilot test data, we extrapolated the flow required to achieve 0.1” WC vacuum at a 50 radius of influence. This value is 79 cfm. Multiplying 79 times 4 (four wells are distributed in the site) results in the required volume of 316 cfm.
5. 27,700 ug/m³ exhausted in 316 cfm of air will have 0.0328 lb/hr.
6. A 90% efficiency removal through the carbon will result in **0.00328 lb/hr of VOC emissions.**

The above value is a conservative estimate, considering the “worst case” for the critical parameters.

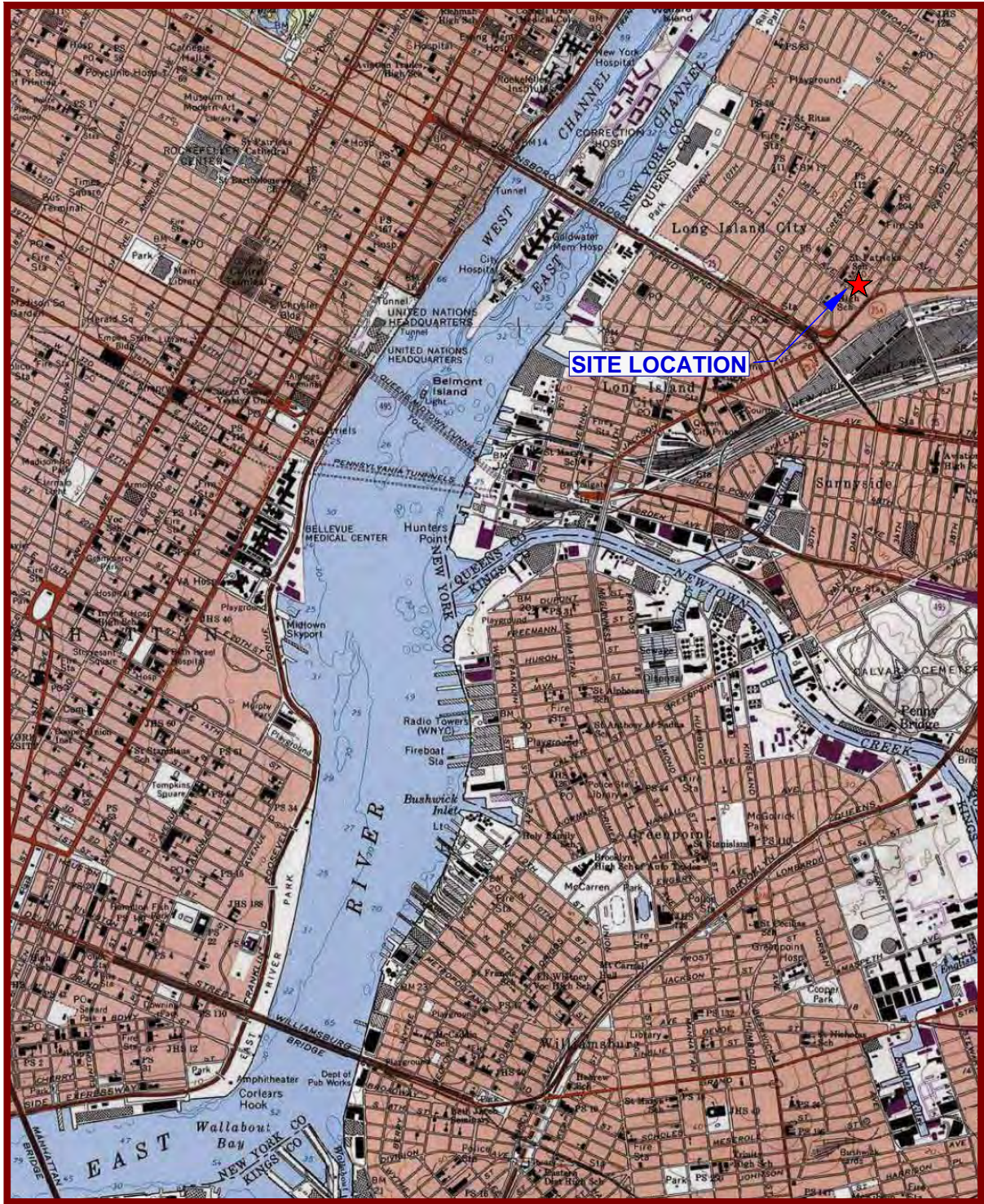
6.0 CONCLUSIONS AND SVE SYSTEM DESIGN CHANGES

The data collected from the pilot test was used to determine the final design parameters for the SVE system. By examining the placement of the wells and the distance to the corner of the room, it was noted that the minimum radius of influence needed in our design is approximately 50 feet. The desired lower limit for the vacuum is 0.1” of water column. Based on trendline analysis from the SVE tests, locations within 50 feet of the wells have an appropriate vacuum; this indicates that our design ensures adequate pressure at all locations.

The proposed design is acceptable, as all areas are within the radius of influence. The system is to be constructed as noted in Section 3. The system will remain in place and operation until permission to discontinue use is granted in writing by the NYSDEC and NYSDOH.

Future actions include obtaining a NYSDEP Industrial Work Permit through the online CATS system. The information included in this design document will also be a part of the DEP permit process.

FIGURES

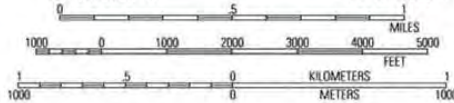


73°59.000' W

73°58.000' W

73°57.000' W

WGS84 73°56.000' W



MNTN
13°

05/04/11

USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

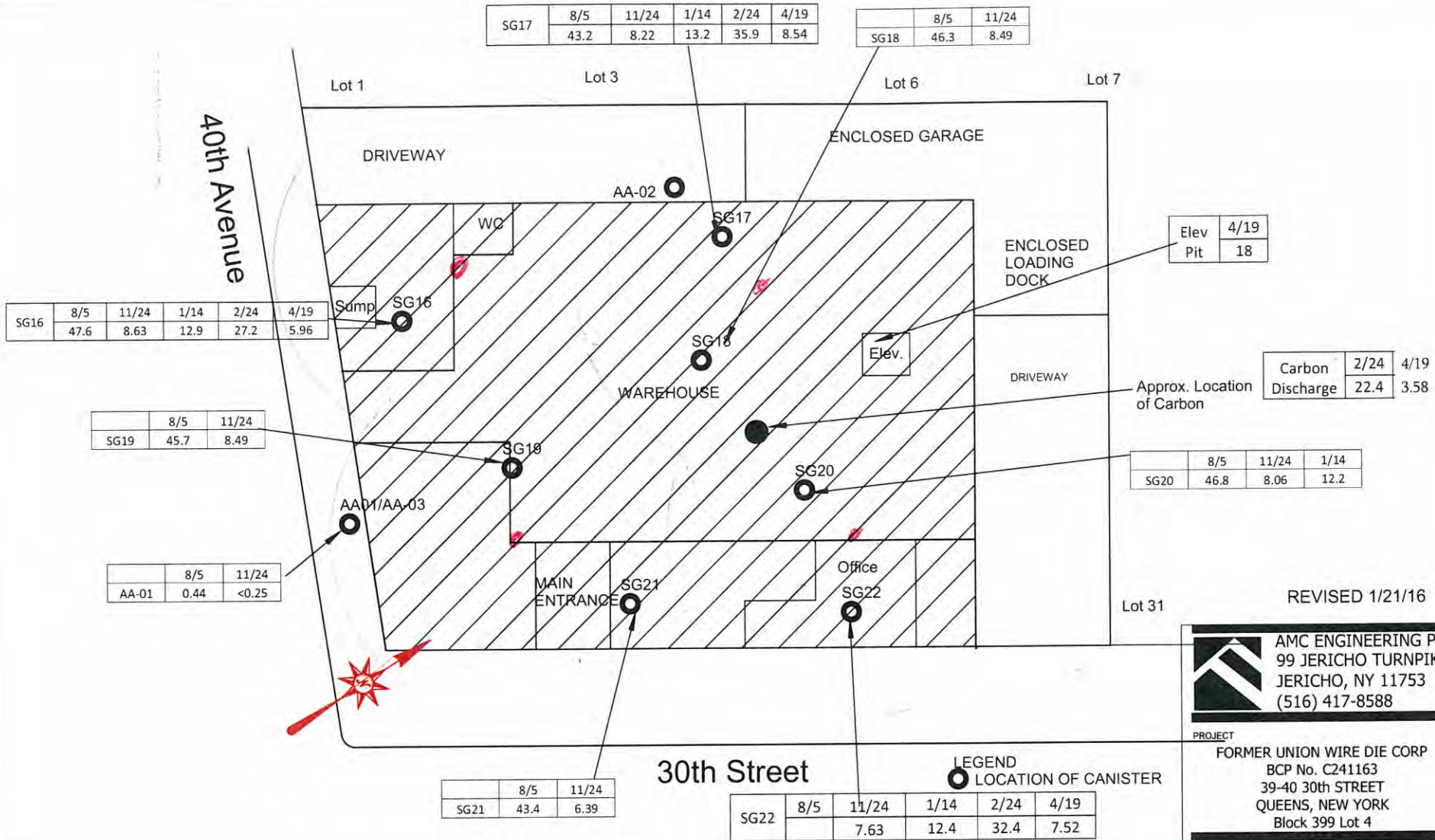
EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

39-40 30TH AVENUE
LONG ISLAND CITY, NY 11101

FIGURE 1

SITE LOCATION MAP



REVISED 1/21/16

AMC ENGINEERING PLLC
 99 JERICHO TURNPIKE
 JERICHO, NY 11753
 (516) 417-8588

PROJECT
 FORMER UNION WIRE DIE CORP
 BCP No. C241163
 39-40 30th STREET
 QUEENS, NEW YORK
 Block 399 Lot 4

TITLE
 FIGURE 2
 First Floor Plan
 Indoor Air Sampling Points
 Sampling Data

SEAL & SIGNATURE

DATE: DEC 6, 2015

PROJECT No: _____

DRAWING BY: _____

CHK BY: _____

DWG No: _____

CADO FILE No: _____

- Notes:**
1. All values are for TCE expressed in ug/m3.
 2. NYSDoH guideline for indoor air for TCE is 2 ug/m3.
 3. As per NYSDoH Fact Sheet on TCE (dated August 2015), NYSDoH recommends taking immediate and effective action to reduce exposure when TCE in air concentration is equal or above 20 ug/m3.
 4. Activated carbon installed on 11/12/15 and reinstalled with two carbon drums on 3/8/2016.

40th AVENUE

LOT 1

LOT 3

LOT 6

LOT 7

Driveway

Enclosed Garage

Enclosed Loading Dock

Elev

WAREHOUSE

Driveway

Blower & Filter

OW1

25'

10'

OW2

OW3

15'

VE2

VE3

Main Entrance

Office






LOT 31

LOT 34

30th STREET

Scale: 1" = 25'

KEY

-  Property Boundary
-  Proposed Well Locations
-  Test Well Locations
-  4" pipe
-  Existing 2-Story Building



AMC ENGINEERING PLLC
 38-20 32nd Street, Unit 102
 Long Island City, NY 11101
 Office: 516-417-8588

PROJECT

39-40 30th Street
 Long Island City, NY 11101

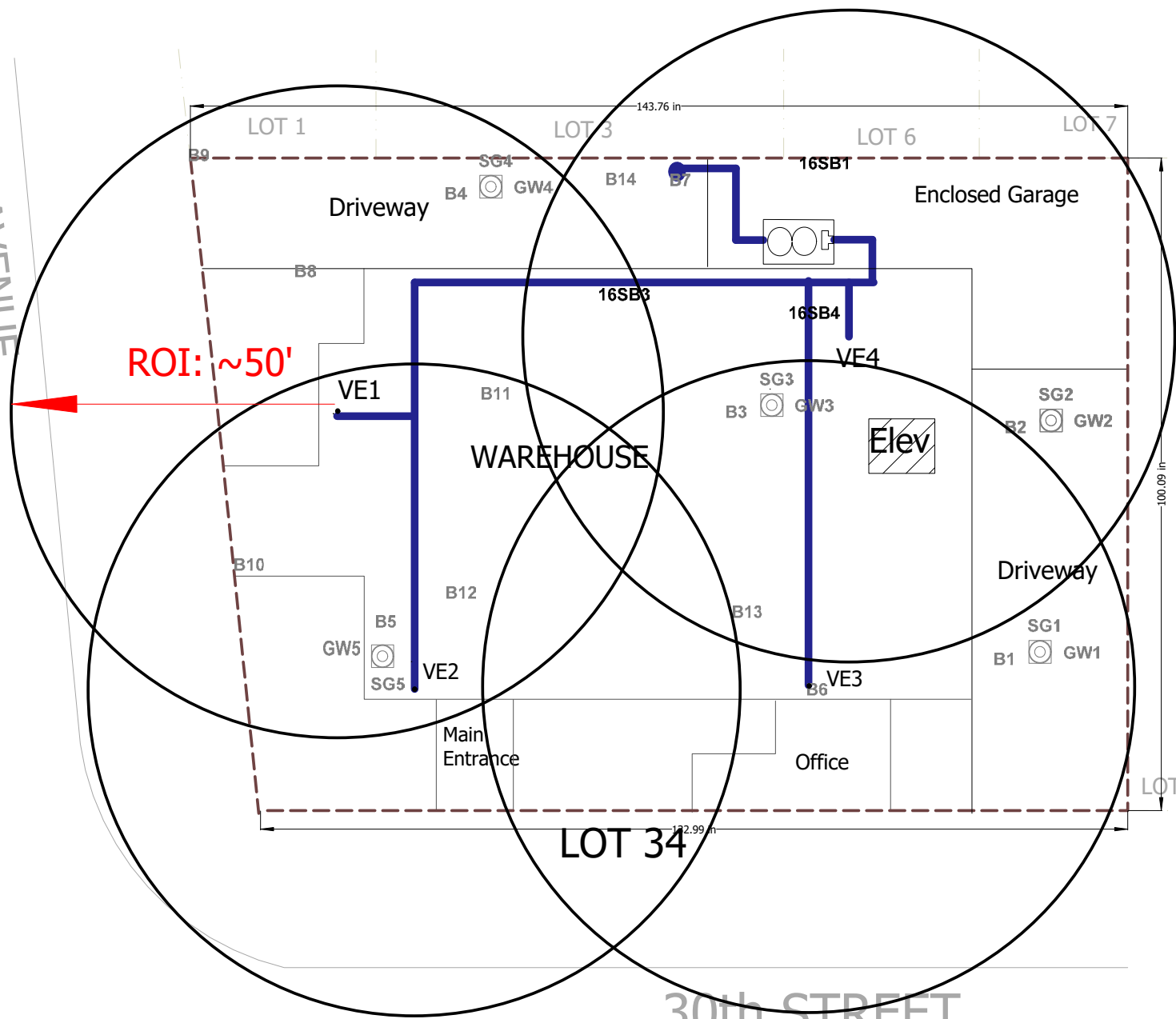
DATE: AUG 16, 2016

DRAWING BY AC

TITLE: Figure 3 - Pilot Test SVE Layout

40th AVENUE

30th STREET

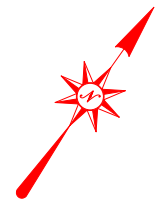


ROI: ~50'

WAREHOUSE

Elev

LOT 34



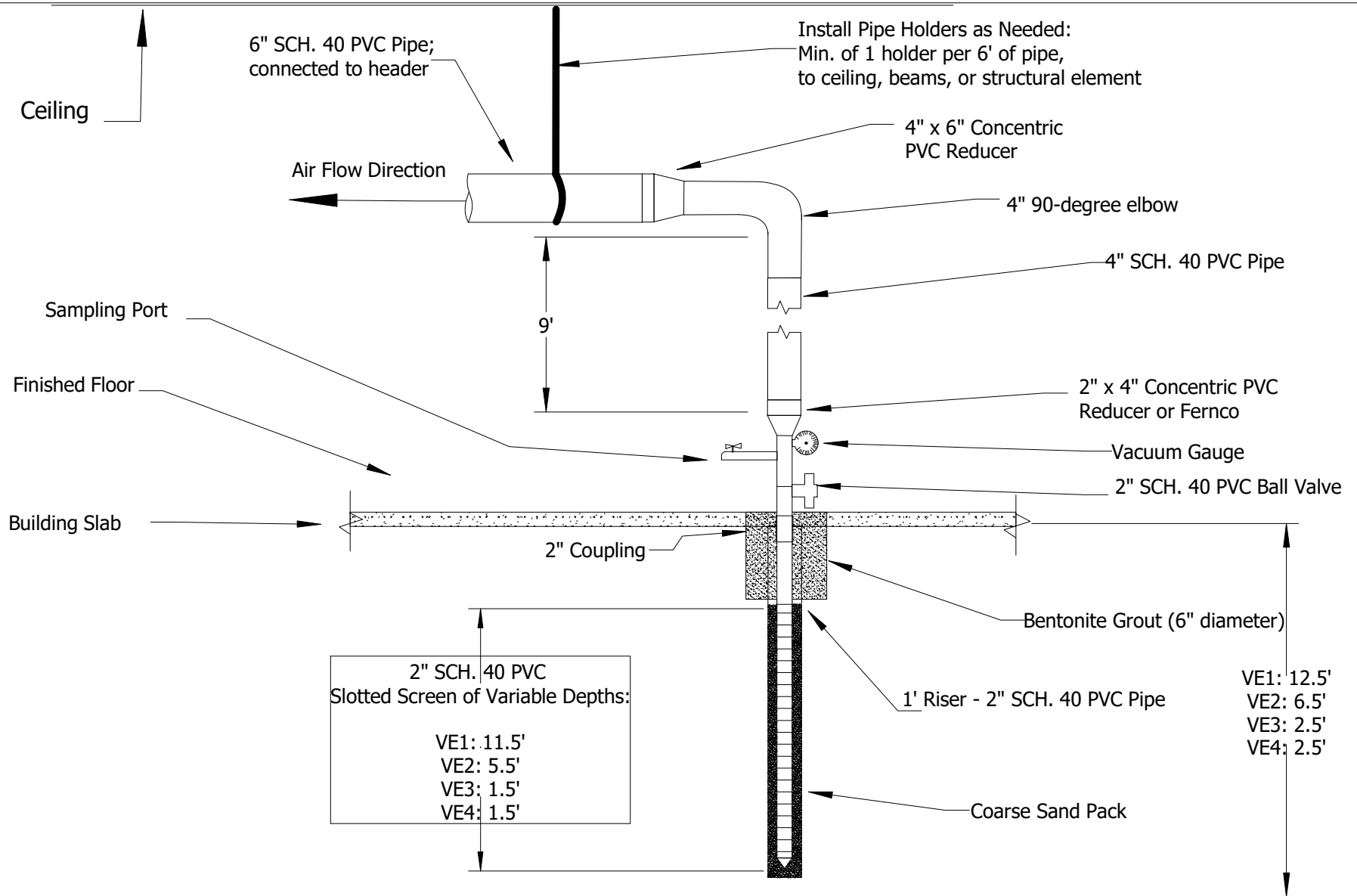
KEY	
	Property Boundary
	Existing 2-Story Building
	Vapor Extraction Well
	PVC Piping

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 Long Island City, NY 11101
 Office: 516-417-8588

PROJECT
39-40 30th Street
 Long Island City, NY 11101


DATE: AUG 16, 2016 | DRAWING BY: AC

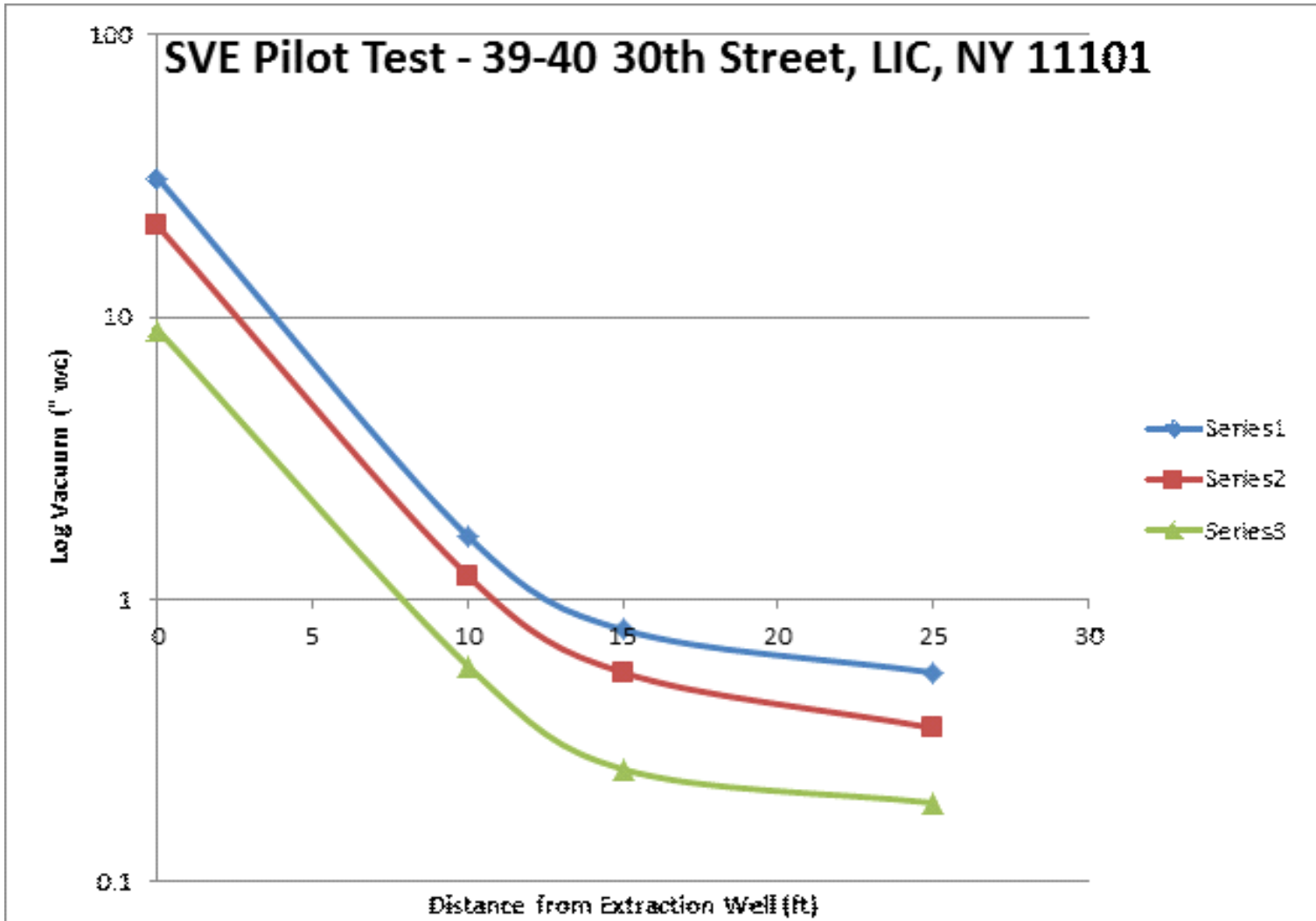
TITLE: Figure 4 - SVE System Layout




CONSTRUCTION DETAIL

N.T.S

 <p>AMC ENGINEERING PLLC 38-20 32nd Street, Unit 102 Long Island City, NY 11101 Office: 516-417-8588</p>	<p>PROJECT</p> <p>39-40 30th Street Long Island City, NY 11101</p>
	<p>DATE: AUG 22, 2016 DRAWING BY: AC</p>

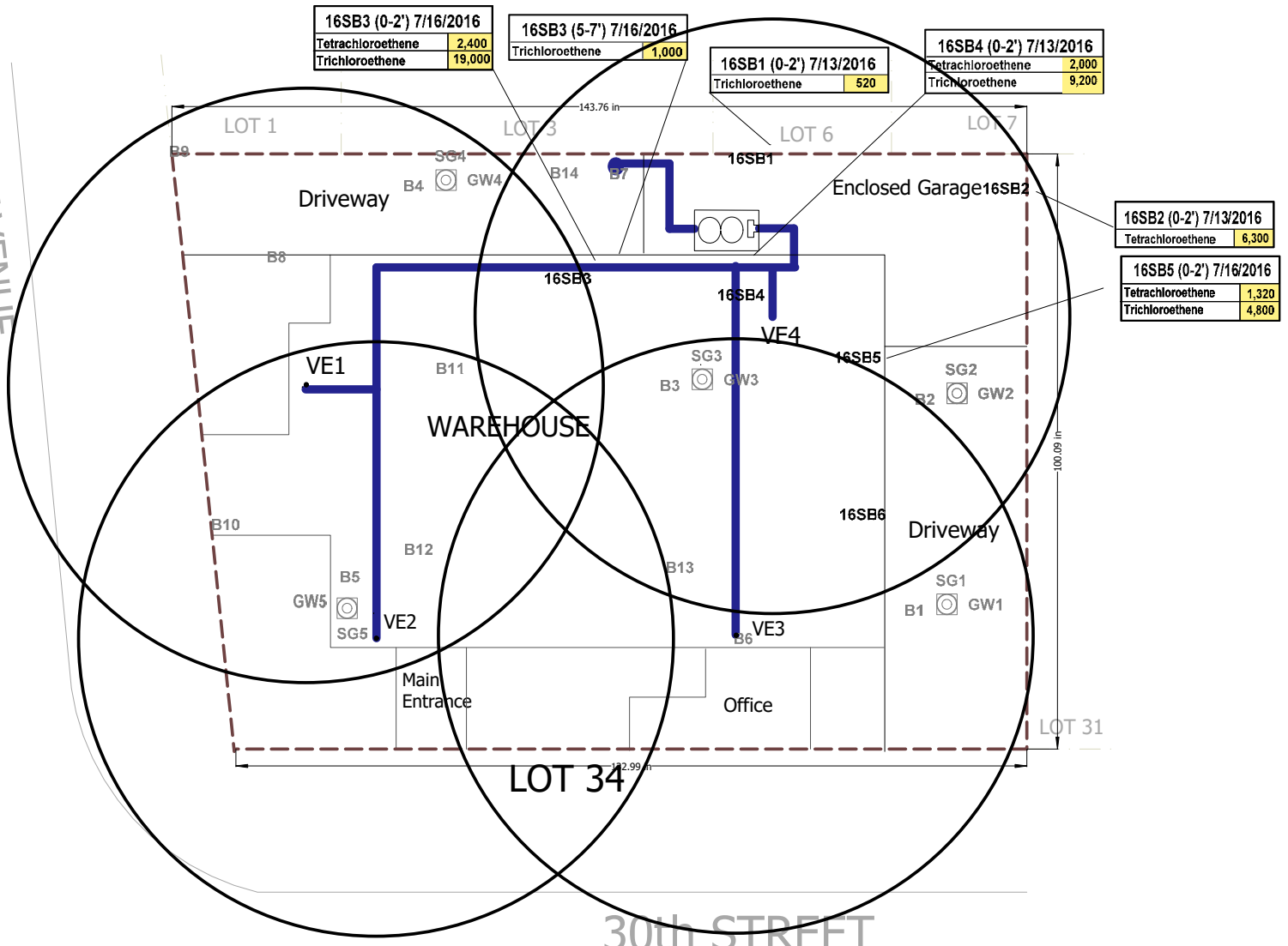


Test #	Valve Setting	Vacuum (inches of water column)					Exhaust (ft/min)	VOC (ppm)
		Blower	SV2	OW1 (25')	OW2 (10')	OW3 (15')		
1	Open	-35	-31	-0.55	-0.78	-1.67	1929	1.25
2	Closed 45 degrees	-47	-21	-0.35	-0.55	-1.21	1645	1.15
3	Closed 60 degrees	-59	-9	-0.19	-0.25	-0.58	1161	0.85

 AMC ENGINEERING PLLC 38-20 32nd Street, Unit 102 Long Island City, NY 11101 Office: 516-417-8588	PROJECT 39-40 30th Street Long Island City, NY 11101
	DATE: AUG 22, 2016 DRAWING BY: AC
TITLE: Figure 6 - Radius of Influence calculation - Plotted results	

40th AVENUE

30th STREET



16SB3 (0-2') 7/16/2016	
Tetrachloroethene	2,400
Trichloroethene	19,000

16SB3 (5-7') 7/16/2016	
Trichloroethene	1,000

16SB1 (0-2') 7/13/2016	
Trichloroethene	520

16SB4 (0-2') 7/13/2016	
Tetrachloroethene	2,000
Trichloroethene	9,200

16SB2 (0-2') 7/13/2016	
Tetrachloroethene	6,300

16SB5 (0-2') 7/16/2016	
Tetrachloroethene	1,320
Trichloroethene	4,800

- KEY:
- Property Boundary
 - Detections Above Unrestricted Use SCOs
 - Soil Gas Sampling Location
 - 50' Radius of Influence for Each Well

*Note - Existing building dimensions are approximated.

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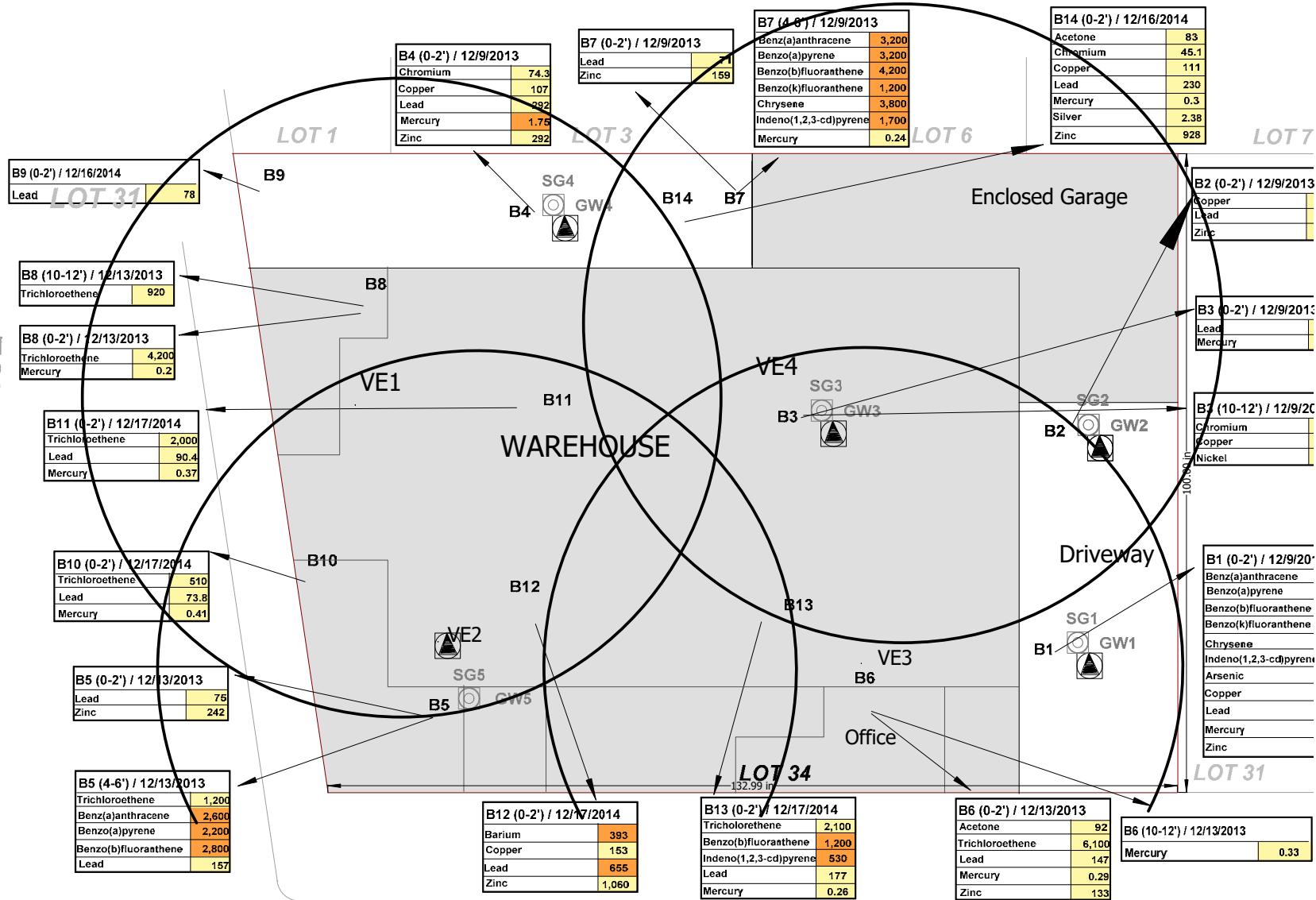
39-40 30th Street
Long Island City, NY 11101

DATE: AUG 31, 2016 | DRAWING BY: AC

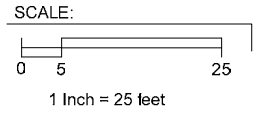
Fig 7: ROI – Soil Vapor Sampling Results

40th AVENUE

30th STREET



- KEY:**
- Property Boundary
 - Groundwater Sampling Location
 - Soil Boring Location
 - Soil Gas Sampling Location
 - Existing 2-Story Building*
 - Radius of Influence
- *Note - Existing building dimensions are approximated.



VOCs/SVOCs/Pesticides	ppb
Metals	ppm

- Exceedence of Restricted Residential SCO
- Exceedence of Unrestricted Use SCO

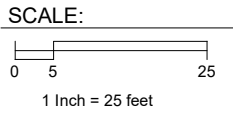
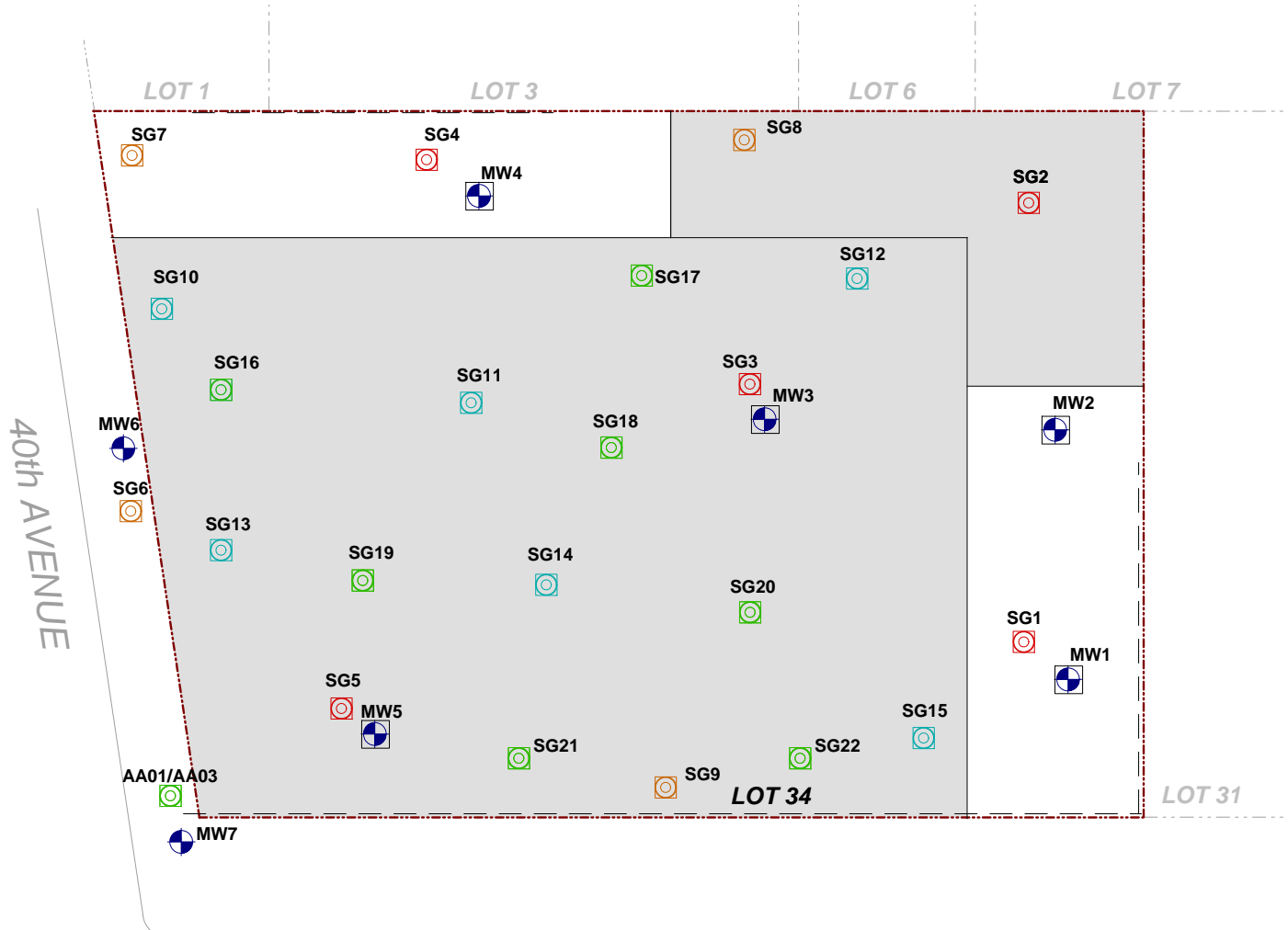
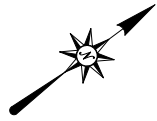


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 Long Island City, NY 11101
 Office: 516-417-8588

PROJECT
39-40 30th Street
Long Island City, NY 11101

DATE: AUG 31, 2016 | DRAWING BY: AC

Fig 8: ROI – Soil Boring Sampling Results



*Note - Existing and proposed building dimensions are approximated.

- KEY:
- Property Boundary
 - 2014 Monitoring Well
 - Existing Monitoring Well
 - Existing Building
 - 2013 RI Soil Gas Sampling Location
 - 2014 Soil Gas Sampling Location
 - 2015 Indoor/Outdoor Sampling Locations
 - 2015 Sub-Slab Sampling Locations

30th STREET



ENVIRONMENTAL BUSINESS CONSULTANTS Phone 631.504.6000
 1808 MIDDLE COUNTRY ROAD, RIDGE, NY 11961 Fax 631.924.2780

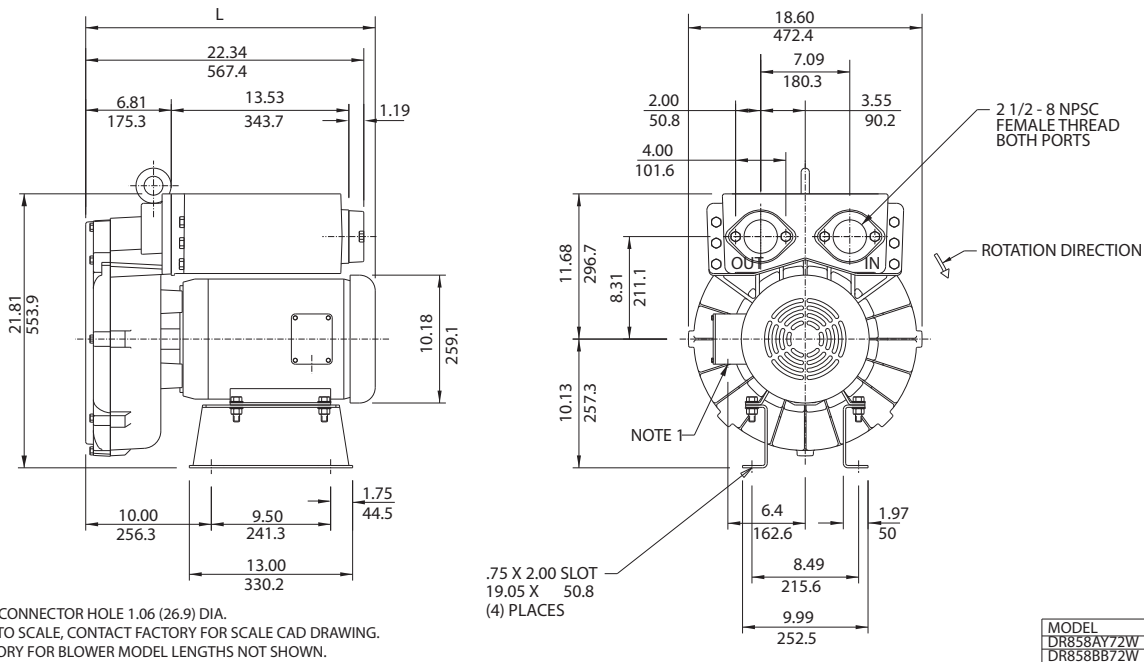
FORMER UNION WIRE DIE SITE
 39-40 30TH STREET, LONG ISLAND CITY, NY

FIGURE 9 MONITORING WELL AND 1ST FLOOR SOIL VAPOR/AIR SAMPLING LOCATIONS

ATTACHMENT A
SVE Specifications

DR 858 & CP 858

7.5 / 10.0 HP Regenerative Blower



Specification	Units	Part/ Model Number				
		DR858BB72W 038740	DR858BB86W 038742	DR858AY72W 038738	CP858FH72WLR 038749	HiE858BB72W 038743
Motor Enclosure - Shaft Mtl.	-	TEFC-CS	TEFC-CS	TEFC-CS	Chem TEFC-SS	TEFC-CS
Horsepower	-	10	10	7.5	10	10
Voltage	AC	230/460	575	230/460	230/460	230/460
Phase - Frequency	-	Three-60 hz	Three-60 hz	Three-60 hz	Three-60 hz	Three-60 hz
Insulation Class	-	F	F	F	F	F
NEMA Rated Motor Amps	Amps (A)	26/13	10.5	17.8/8.9	26/13	26/13
Service Factor	-	1.15	1.15	1.15	1.15	1.15
Max. Blower Amps	Amps (A)	28/14	12	28/14	28/14	28/14
Locked Rotor Amps	Amps (A)	162/81	65	120/60	162/81	162/81
NEMA Starter Size	-	2/1	1	1/1	2/1	2/1
Shipping Weight	Lbs Kg	280 127	280 127	264 119.7	280 127	280 127
Model (Base Mount)	-	DR858BB72X	DR858BB86X	DR858AY72X		
Part Number (Base Mount)	-	038735	038737	038736		

Voltage - ROTRON motors are designed to handle a broad range of world voltages and power supply variations. Our dual voltage 3 phase motors are factory tested and certified to operate on both: **208-230/415-460 VAC-3 ph-60 Hz** and **190-208/380-415 VAC-3 ph-50 Hz**. Our dual voltage 1 phase motors are factory tested and certified to operate on both: **104-115/208-230 VAC-1 ph-60 Hz** and **100-110/200-220 VAC-1 ph-50 Hz**. All voltages above can handle a ±10% voltage fluctuation. Special wound motors can be ordered for voltages outside our certified range.

Operating Temperatures - Maximum operating temperature: Motor winding temperature (winding rise plus ambient) should not exceed 140°C for Class F rated motors or 120°C for Class B rated motors. Blower outlet air temperature should not exceed 140°C (air temperature rise plus inlet temperature). Performance curve maximum pressure and suction points are based on a 40°C inlet and ambient temperature. Consult factory for inlet or ambient temperatures above 40°C.

Maximum Blower Amps - Corresponds to the performance point at which the motor or blower temperature rise with a 40°C inlet and/or ambient temperature reaches the maximum operating temperature.

This document is for informational purposes only and should not be considered as a binding description of the products or their performance in all applications. The performance data on this page depicts typical performance under controlled laboratory conditions. AMETEK is not responsible for blowers driven beyond factory specified speed, temperature, pressure, flow or without proper alignment. Actual performance will vary depending on the operating environment and application. AMETEK products are not designed for and should not be used in medical life support applications. AMETEK reserves the right to revise its products without notification. The above characteristics represent standard products. For product designed to meet specific applications, contact AMETEK Technical & Industrial Products Sales department.

DR 858 & CP 858

7.5 / 10.0 HP Regenerative Blower

FEATURES

- Manufactured in the USA - ISO 9001 and NAFTA compliant
- CE compliant - Declaration of Conformity on file
- Maximum flow: 380 SCFM
- Maximum pressure: 125 IWG
- Maximum vacuum: 104.8 IWG
- Standard motor: 10 HP, TEFC
- Cast aluminum blower housing, impeller & cover; cast iron flanges (threaded)
- UL & CSA approved motor with permanently sealed ball bearings
- Inlet & outlet internal muffling
- Quiet operation within OSHA standards

MOTOR OPTIONS

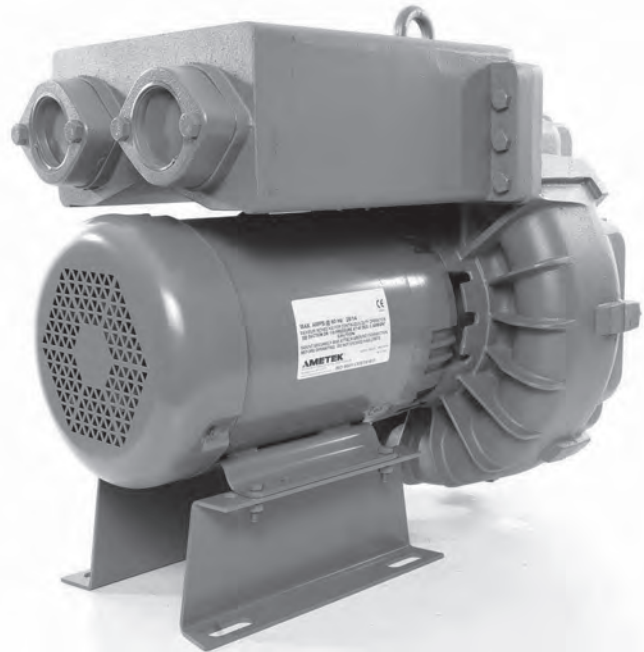
- International voltage & frequency (Hz)
- Chemical duty, high efficiency, inverter duty or industry-specific designs
- Various horsepower for application-specific needs

BLOWER OPTIONS

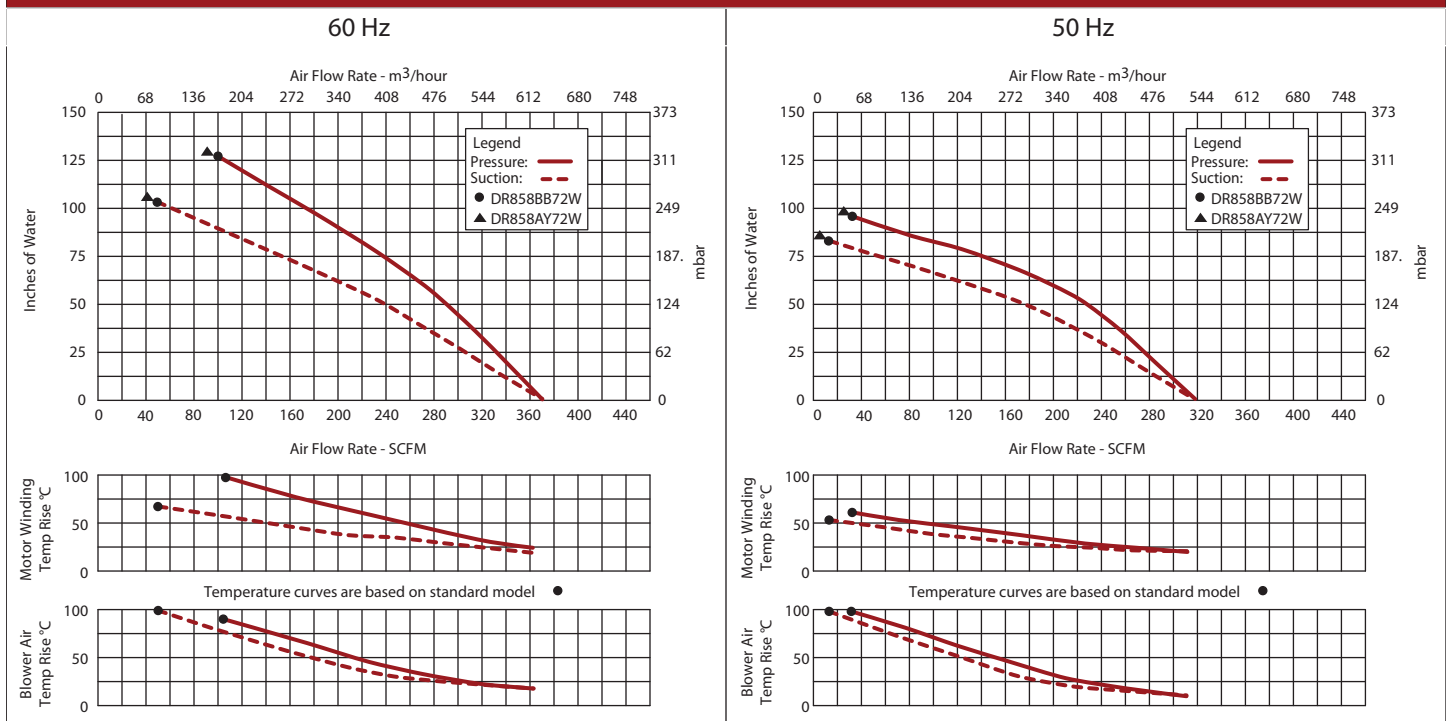
- Corrosion resistant surface treatments & sealing options
- Remote drive (motorless) models
- Slip-on or face flanges for application-specific needs

ACCESSORIES

- Flowmeters reading in SCFM
- Filters & moisture separators
- Pressure gauges, vacuum gauges, & relief valves
- Switches - air flow, pressure, vacuum, or temperature
- External mufflers for additional silencing
- Air knives (used on blow-off applications)
- Variable frequency drive package



Blower Performance at Standard Conditions



This document is for informational purposes only and should not be considered as a binding description of the products or their performance in all applications. The performance data on this page depicts typical performance under controlled laboratory conditions. AMETEK is not responsible for blowers driven beyond factory specified speed, temperature, pressure, flow or without proper alignment. Actual performance will vary depending on the operating environment and application. AMETEK products are not designed for and should not be used in medical life support applications. AMETEK reserves the right to revise its products without notification. The above characteristics represent standard products. For product designed to meet specific applications, contact AMETEK Technical & Industrial Products Sales department.

Econo V - Steel Drum Adsorbers

Modular Activated Carbon Vapor Phase Adsorbers

Solutions for Vapor Phase Remediation & Industrial Emission Control

The Econo - V steel drum activated carbon adsorption system excels at environmental remediation applications and industrial emissions control. This activated carbon adsorption drum is specifically designed for dependable performance and competitive pricing

The Econo - V GAC vapor phase adsorber is constructed of carbon steel and provides a double epoxy/phenolic lining durable enough for environmental remediation applications and industrial emission control

This GAC adsorption 55 gallon drum unit features specially constructed vapor distributors, designed



NOTES:

- Nominal flow can be used in environmental remediation activated carbon applications
- Desired contact time may allow higher or lower flow rates
- TIGG dry reactivated or virgin coal base activated carbon or coconut shell activated carbon provided as standard for environmental remediation applications
- Activated carbon fills are based on a bed density of 27 lb/ft
- Activated carbon fills can differ based on variable bed density and alternate adsorbents

EçONO

Modular Activated Carbon Vapor Adsorber

Model #	Nominal Flow (CFM)	Max Temp	Max Pressure (PSIG)	Inlet/Outlet	Standard Fill (LBS)	Shipping Weight
EVP-1000	100	200	6	2"	175	225

Call a TIGG Representative Today at 800-925-0011



<http://www.tigg.com/Econo-sdrum.html>

800-925-0011
www.TIGGtanks.com
www.TIGG.com

TIGG, LLC
1 Willow Avenue
Oakdale, PA 15071

Purifying Air & Water

APPENDIX B

SVE and DSR Forms

DAILY STATUS REPORT

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Bright Sun
TEMP.	<32	32-50	50-70	70-85	>85

Prepared By: _____

Project Name:		Date:	
---------------	--	-------	--

Consultant:	Safety Officer:
General Contractor:	Site Manager/ Supervisor:

Work Activities Performed Today by General Contractor:

Measurements Collected Today:

Instrumentation:

Community Air Monitoring Results:

Problems Encountered:

Planned Activities for the Next Day/ Week:

Important Notes/Observations:

Data Sheet

- include applicable charts, graph, and other data

Schematic of Site (if applicable)

Photo Log (include as many as necessary)

Photo 1 –	
Photo 2 –	
Photo 3 –	

ATTACHMENT E
Ectdqp'Inspection Form

WEEKLY CARBON MONITORING

Inspector: _____

Date/Time	Location	Flow cfm	PID reading	PID UNITS (ppm or ppb)
	Pre-Carbon			
	Mid-Carbon			
	Post-Carbon			

Comments/Actions Taken: _____

+++++

Inspector: _____

Date/Time	Location	Flow (cfm)	PID reading	PID UNITS ppm or ppb
	Pre-Carbon			
	Mid-Carbon			
	Post-Carbon			

Comments/Actions Taken: _____

ATTACHMENT D
SVE Test Photos

DAILY STATUS REPORT

Prepared By: **Aine Chalmers**

WEATHER	Snow	Rain	Overcast	Partly Cloudy	X	Bright Sun
TEMP.	<32	32-50	50-70	70-85	X	>85

Project Name:	39-40 30th Street, Long Island City	Date:	August 3rd, 2016
---------------	---	-------	------------------------------------

Consultant: AMC Engineering, PLLC	Safety Officer: Aine Chalmers
General Contractor:	Site Manager/ Supervisor:

Work Activities Performed Today by General Contractor:

1. Soil Vapor Extraction Measurements

Measurements Collected Today:

- **Pressure at observation wells at varied blower pressures (inches of water).**
- **Air velocity (end of pipe) at varied blower pressures (ft/min).**
- **TCE readings for effluent stream (ppm).**

Instrumentation:

- **Ambient Weather Anemometer**
- **UltraRAE 3000 PID**
- **Dwyer Series 746A Manometer**
- **4" diameter piping**

Community Air Monitoring Results:

None.

Problems Encountered:

None.

Planned Activities for the Next Day/ Week:

None.

Important Notes/Observations:

- **Tests began after running vacuum for 20 minutes.**
- **TCE reading decreased as SV₂ pressure decreased.**
- **After completing each test, the final TCE reading jumped to 1.35ppm with fully open throttle.**

Data Sheet

Throttle	Blower	SV2	OW1 (25')	OW2 (10')	OW3 (15')	Velocity (ft/min)	TCE (ppm)
Test 1 (open)	-35	-31	-0.55	-0.78	-1.67	1929	1.25
Test 2 (45 degrees)	-47	-21	-0.35	-0.55	-1.21	1645	1.15
Test 3 (60 degrees)	-59	-9	-0.19	-0.25	-0.58	1161	0.85

Schematic of Well Placement

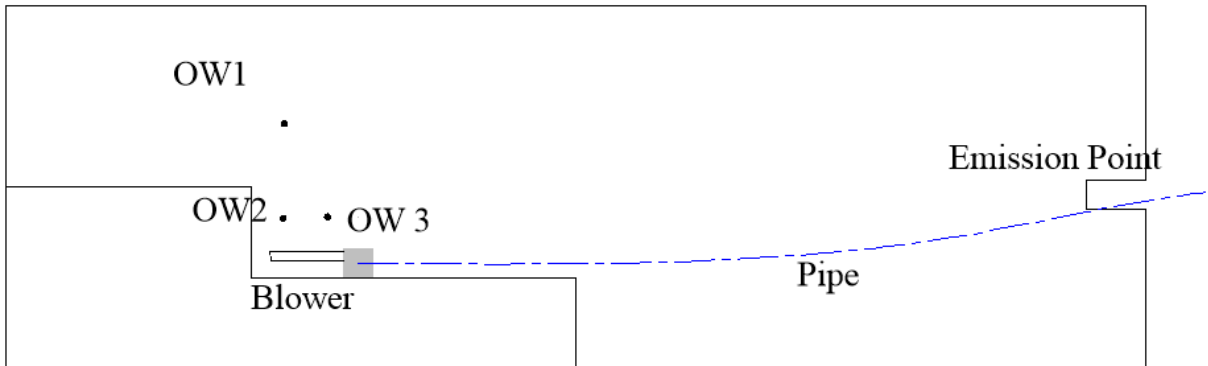


Photo Log

Photo 1 –

**Test 1 – Throttle
Open, Pressure
readings**



Photo 2 –

**Test 1 – OW 1
Reading**



Photo 3 –

**Test 1 – OW 2
Reading**



Photo 4 –

**Test 1 – OW 3
Reading**



Photo 5 –

**Test 2 – Throttle at
45 degrees,
Pressure
Readings**



Photo 6 –

**Test 2 – OW 1
Readings**



Photo 7 –

**Test 2 – OW 2
Readings**



Photo 8 –

**Test 3 – Throttle at
60 degrees,
Pressure
Readings**



Photo 9 –

Test 3 – OW 1



Photo 10

Test 3 – OW 3



Photo 11 –

Test 3 – Final TCE Reading



**ATTACHMENT J:
RESULTS FOR SUB SLAB AND
INDOOR AIR TESTING**

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
(860) 645-1102

Lab Sample Id
Collection Date
Client Id
Matrix

BK16519
10/29/2015
INDOOR AIR SECOND FLOOR 03
Air

BK16520
10/29/2015
INDOOR AIR SECOND FLOOR 02
Air

BK16521
10/29/2015
AA 02
Air

BK16522
10/29/2015
INDOOR AIR SECOND FLOOR 04
Air

BK16523
10/29/2015
INDOOR AIR SECOND FLOOR 01
Air

Project Id : 39-40 30TH ST QUEENS NY

CAS	Units	BK16519				BK16520				BK16521				BK16522				BK16523				
		Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	
Volatiles (TO15) By TO15																						
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,1,1-Trichloroethane	71-55-6	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,1,2-Trichloroethane	79-00-5	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2-Dichloroethane	75-29-3	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,1-Dichloroethene	75-35-4	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2,4-Trichlorobenzene	120-82-1	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2,4-Trimethylbenzene	95-63-6	ug/m3	2	1.00		1.00	1.68	1.00		1.00	< 1.00	1.00	U	1.00	2.05	1.00		1.00	1.87	1.00		1.00
1,2-Dibromoethane(EDB)	106-93-4	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2-Dichlorobenzene	95-50-1	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2-Dichloroethane	107-06-2	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2-dichloropropane	78-47-5	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,3,5-Trimethylbenzene	108-67-8	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,3-Butadiene	106-99-0	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,3-Dichlorobenzene	541-73-1	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,4-Dichlorobenzene	106-46-7	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,4-Dioxane	123-91-1	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
2-Hexanone(MBK)	591-78-6	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
4-Ethyltoluene	622-96-8	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
4-Isopropyltoluene	99-87-6	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Acetone	67-64-1	ug/m3	33.7	1.00	S	1.00	34.7	1.00	S	1.00	7.91	1.00	S	1.00	31.1	1.00	S	1.00	34.4	1.00	S	1.00
Acrylonitrile	107-13-1	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Benzene	71-43-2	ug/m3	1.28	1.00		1.00	1.08	1.00		1.00	< 1.00	1.00	U	1.00	1.41	1.00		1.00	1.22	1.00		1.00
Benzyl chloride	100-44-7	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Bromodichloromethane	75-27-4	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Bromoform	75-25-2	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Bromomethane	74-83-9	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Carbon Disulfide	75-15-0	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Carbon Tetrachloride	56-23-5	ug/m3	0.52	0.25		0.25	0.53	0.25		0.25	0.51	0.25		0.25	0.53	0.25		0.25	0.52	0.25		0.25
Chlorobenzene	108-90-7	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Chloroethane	75-00-3	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Chloroform	67-66-3	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Chloromethane	74-87-3	ug/m3	1.33	1.00		1.00	1.59	1.00		1.00	1.24	1.00		1.00	1.43	1.00		1.00	1.51	1.00		1.00
Cis-1,2-Dichloroethene	156-59-2	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
cis-1,3-Dichloropropene	10061-01-5	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Cyclohexane	110-82-7	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Dibromochloromethane	124-89-1	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Dichlorodifluoromethane	75-71-8	ug/m3	1.94	1.00		1.00	1.94	1.00		1.00	1.89	1.00		1.00	1.73	1.00		1.00	2.01	1.00		1.00
Ethanol	64-17-5	ug/m3	761	1.00	ES	1.00	608	1.00	ES	1.00	14.5	1.00	S	1.00	1.610	1.00	ES	1.00	608	1.00	ES	1.00
Ethyl acetate	141-78-6	ug/m3	15	1.00		1.00	13.3	1.00		1.00	< 1.00	1.00	U	1.00	9.04	1.00		1.00	16.6	1.00		1.00
Ethylbenzene	100-41-4	ug/m3	1.43	1.00		1.00	1.1	1.00		1.00	< 1.00	1.00	U	1.00	1.35	1.00		1.00	1.15	1.00		1.00
Heptane	142-82-5	ug/m3	3.96	1.00		1.00	19.5	1.00		1.00	< 1.00	1.00	U	1.00	2.54	1.00		1.00	3.9	1.00		1.00
Hexachlorobutadiene	87-68-3	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Hexane	110-54-3	ug/m3	1.47	1.00	S	1.00	1.29	1.00	S	1.00	< 1.00	1.00	U	1.00	1.29	1.00	S	1.00	1.16	1.00	S	1.00
Isopropylalcohol	67-63-0	ug/m3	66.6	1.00	S	1.00	31.2	1.00	S	1.00	2.14	1.00	S	1.00	29	1.00	S	1.00	427	1.00	ES	1.00
Isopropylbenzene	98-82-8	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
m,p-Xylene	179601-23-1	ug/m3	3.97	1.00		1.00	2.86	1.00		1.00	1.29	1.00	</									



Friday, November 06, 2015

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST QUEENS NY
Sample ID#s: BK16519 - BK16523

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.

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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 ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

**Client: Environmental Business Consultants
Project: 39-40 30TH ST QUEENS NY
Laboratory Project: GBK16519**



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

November 06, 2015

SDG ID.: GBK16519

Environmental Business Consultants 39-40 30TH ST QUEENS NY

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
INDOOR AIR SECOND FLOOR 0	BK16519	AIR
INDOOR AIR SECOND FLOOR 0	BK16520	AIR
AA 02	BK16521	AIR
INDOOR AIR SECOND FLOOR 0	BK16522	AIR
INDOOR AIR SECOND FLOOR 0	BK16523	AIR



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SDG Comments

November 06, 2015

SDG I.D.: GBK16519

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.



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

Analysis Report
 November 06, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 11286

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 10/29/15 17:15
 10/30/15 16:49

Laboratory Data

SDG ID: GBK16519
 Phoenix ID: BK16519

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLOOR 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/02/15	KCA	1
1,2,4-Trimethylbenzene	0.407	0.204	0.204	2.00	1.00	1.00	11/02/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/02/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/02/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1
Acetone	14.2	S 0.421	0.421	33.7	1.00	1.00	11/02/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/02/15	KCA	1
Benzene	0.402	0.313	0.313	1.28	1.00	1.00	11/02/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/02/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/02/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/02/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/02/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/02/15	KCA	1
Carbon Tetrachloride	0.083	0.040	0.040	0.52	0.25	0.25	11/02/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/02/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/02/15	KCA	1
Chloromethane	0.645	0.485	0.485	1.33	1.00	1.00	11/02/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/02/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/02/15	KCA	1
Dichlorodifluoromethane	0.392	0.202	0.202	1.94	1.00	1.00	11/02/15	KCA	1
Ethanol	404	ES 0.531	0.531	761	1.00	1.00	11/02/15	KCA	1
Ethyl acetate	4.16	0.278	0.278	15.0	1.00	1.00	11/02/15	KCA	1
Ethylbenzene	0.330	0.230	0.230	1.43	1.00	1.00	11/02/15	KCA	1
Heptane	0.942	0.244	0.244	3.86	1.00	1.00	11/02/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/02/15	KCA	1
Hexane	0.418	S 0.284	0.284	1.47	1.00	1.00	11/02/15	KCA	1
Isopropylalcohol	27.1	S 0.407	0.407	66.6	1.00	1.00	11/02/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
m,p-Xylene	0.914	0.230	0.230	3.97	1.00	1.00	11/02/15	KCA	1
Methyl Ethyl Ketone	0.753	0.339	0.339	2.22	1.00	1.00	11/02/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
Methylene Chloride	0.504	S 0.288	0.288	1.75	1.00	1.00	11/02/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
o-Xylene	0.337	0.230	0.230	1.46	1.00	1.00	11/02/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/02/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/02/15	KCA	1
Tetrachloroethene	0.762	0.037	0.037	5.17	0.25	0.25	11/02/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/02/15	KCA	1
Toluene	1.46	0.266	0.266	5.50	1.00	1.00	11/02/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Trichloroethene	2.20	0.047	0.047	11.8	0.25	0.25	11/02/15	KCA	1
Trichlorofluoromethane	0.652	0.178	0.178	3.66	1.00	1.00	11/02/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/02/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/02/15	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	111	%	%	111	%	%	11/02/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

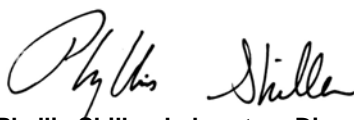
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 06, 2015

Reviewed and Released by: Tina Covensky



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

Analysis Report
 November 06, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13646

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 10/29/15 17:19
 10/30/15 16:49

Laboratory Data

SDG ID: GBK16519
 Phoenix ID: BK16520

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLOOR 02

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/02/15	KCA	1	
1,2,4-Trimethylbenzene	0.341	0.204	0.204	1.68	1.00	1.00	11/02/15	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/02/15	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/02/15	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/02/15	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1	
Acetone	14.6	S 0.421	0.421	34.7	1.00	1.00	11/02/15	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/02/15	KCA	1	
Benzene	0.337	0.313	0.313	1.08	1.00	1.00	11/02/15	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/02/15	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/02/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/02/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/02/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/02/15	KCA	1
Carbon Tetrachloride	0.084	0.040	0.040	0.53	0.25	0.25	11/02/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/02/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/02/15	KCA	1
Chloromethane	0.771	0.485	0.485	1.59	1.00	1.00	11/02/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/02/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/02/15	KCA	1
Dichlorodifluoromethane	0.393	0.202	0.202	1.94	1.00	1.00	11/02/15	KCA	1
Ethanol	323	ES 0.531	0.531	608	1.00	1.00	11/02/15	KCA	1
Ethyl acetate	3.70	0.278	0.278	13.3	1.00	1.00	11/02/15	KCA	1
Ethylbenzene	0.253	0.230	0.230	1.10	1.00	1.00	11/02/15	KCA	1
Heptane	4.77	0.244	0.244	19.5	1.00	1.00	11/02/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/02/15	KCA	1
Hexane	0.367	S 0.284	0.284	1.29	1.00	1.00	11/02/15	KCA	1
Isopropylalcohol	12.7	S 0.407	0.407	31.2	1.00	1.00	11/02/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
m,p-Xylene	0.658	0.230	0.230	2.86	1.00	1.00	11/02/15	KCA	1
Methyl Ethyl Ketone	0.746	0.339	0.339	2.20	1.00	1.00	11/02/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
Methylene Chloride	0.471	S 0.288	0.288	1.64	1.00	1.00	11/02/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
o-Xylene	0.246	0.230	0.230	1.07	1.00	1.00	11/02/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/02/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/02/15	KCA	1
Tetrachloroethene	0.595	0.037	0.037	4.03	0.25	0.25	11/02/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/02/15	KCA	1
Toluene	1.43	0.266	0.266	5.39	1.00	1.00	11/02/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Trichloroethene	1.72	0.047	0.047	9.24	0.25	0.25	11/02/15	KCA	1
Trichlorofluoromethane	0.545	0.178	0.178	3.06	1.00	1.00	11/02/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/02/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/02/15	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	107	%	%	107	%	%	11/02/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

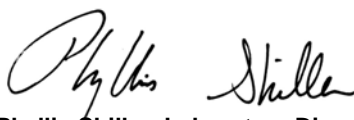
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 06, 2015

Reviewed and Released by: Tina Covensky



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

Analysis Report
 November 06, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 224

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 10/29/15 17:35
 10/30/15 16:49

Laboratory Data

SDG ID: GBK16519
 Phoenix ID: BK16521

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: AA 02

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/02/15	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/02/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/02/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1
Acetone	3.33	S 0.421	0.421	7.91	1.00	1.00	11/02/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/02/15	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	11/02/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/02/15	KCA	1

Client ID: AA 02

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/02/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/02/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/02/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/02/15	KCA	1
Carbon Tetrachloride	0.081	0.040	0.040	0.51	0.25	0.25	11/02/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/02/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/02/15	KCA	1
Chloromethane	0.599	0.485	0.485	1.24	1.00	1.00	11/02/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/02/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/02/15	KCA	1
Dichlorodifluoromethane	0.383	0.202	0.202	1.89	1.00	1.00	11/02/15	KCA	1
Ethanol	7.69	S 0.531	0.531	14.5	1.00	1.00	11/02/15	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	11/02/15	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/02/15	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	11/02/15	KCA	1
Isopropylalcohol	0.870	S 0.407	0.407	2.14	1.00	1.00	11/02/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
m,p-Xylene	0.298	0.230	0.230	1.29	1.00	1.00	11/02/15	KCA	1
Methyl Ethyl Ketone	0.420	0.339	0.339	1.24	1.00	1.00	11/02/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
Methylene Chloride	0.355	S 0.288	0.288	1.23	1.00	1.00	11/02/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	11/02/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/02/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/02/15	KCA	1
Tetrachloroethene	0.166	0.037	0.037	1.13	0.25	0.25	11/02/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/02/15	KCA	1
Toluene	0.668	0.266	0.266	2.52	1.00	1.00	11/02/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Trichloroethene	ND	0.047	0.047	ND	0.25	0.25	11/02/15	KCA	1
Trichlorofluoromethane	0.262	0.178	0.178	1.47	1.00	1.00	11/02/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/02/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/02/15	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	106	%	%	106	%	%	11/02/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded 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

November 06, 2015

Reviewed and Released by: Tina Covensky



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

Analysis Report
 November 06, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 479

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 10/29/15 17:15
 10/30/15 16:49

Laboratory Data

SDG ID: GBK16519
 Phoenix ID: BK16522

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLOOR 04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/02/15	KCA	1
1,2,4-Trimethylbenzene	0.417	0.204	0.204	2.05	1.00	1.00	11/02/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/02/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/02/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1
Acetone	13.1	S 0.421	0.421	31.1	1.00	1.00	11/02/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/02/15	KCA	1
Benzene	0.443	0.313	0.313	1.41	1.00	1.00	11/02/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/02/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/02/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/02/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/02/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/02/15	KCA	1
Carbon Tetrachloride	0.085	0.040	0.040	0.53	0.25	0.25	11/02/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/02/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/02/15	KCA	1
Chloromethane	0.692	0.485	0.485	1.43	1.00	1.00	11/02/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/02/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/02/15	KCA	1
Dichlorodifluoromethane	0.350	0.202	0.202	1.73	1.00	1.00	11/02/15	KCA	1
Ethanol	855	ES 0.531	0.531	1610	1.00	1.00	11/02/15	KCA	1
Ethyl acetate	2.51	0.278	0.278	9.04	1.00	1.00	11/02/15	KCA	1
Ethylbenzene	0.312	0.230	0.230	1.35	1.00	1.00	11/02/15	KCA	1
Heptane	0.619	0.244	0.244	2.54	1.00	1.00	11/02/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/02/15	KCA	1
Hexane	0.366	S 0.284	0.284	1.29	1.00	1.00	11/02/15	KCA	1
Isopropylalcohol	11.8	S 0.407	0.407	29.0	1.00	1.00	11/02/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
m,p-Xylene	0.843	0.230	0.230	3.66	1.00	1.00	11/02/15	KCA	1
Methyl Ethyl Ketone	0.677	0.339	0.339	2.00	1.00	1.00	11/02/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
Methylene Chloride	0.725	S 0.288	0.288	2.52	1.00	1.00	11/02/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
o-Xylene	0.320	0.230	0.230	1.39	1.00	1.00	11/02/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/02/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/02/15	KCA	1
Tetrachloroethene	0.615	0.037	0.037	4.17	0.25	0.25	11/02/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/02/15	KCA	1
Toluene	1.14	0.266	0.266	4.29	1.00	1.00	11/02/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Trichloroethene	1.64	0.047	0.047	8.81	0.25	0.25	11/02/15	KCA	1
Trichlorofluoromethane	0.363	0.178	0.178	2.04	1.00	1.00	11/02/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/02/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/02/15	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	107	%	%	107	%	%	11/02/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

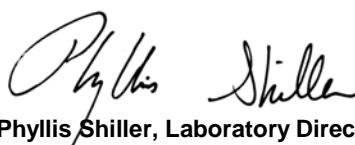
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 06, 2015

Reviewed and Released by: Tina Covensky



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

Analysis Report
 November 06, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 353

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 10/29/15 17:29
 10/30/15 16:49

Laboratory Data

SDG ID: GBK16519
 Phoenix ID: BK16523

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLOOR 01

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/02/15	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/02/15	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/02/15	KCA	1	
1,2,4-Trimethylbenzene	0.381	0.204	0.204	1.87	1.00	1.00	11/02/15	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/02/15	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/02/15	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/02/15	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/02/15	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/02/15	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/02/15	KCA	1	
Acetone	14.5	S 0.421	0.421	34.4	1.00	1.00	11/02/15	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/02/15	KCA	1	
Benzene	0.383	0.313	0.313	1.22	1.00	1.00	11/02/15	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/02/15	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/02/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/02/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/02/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/02/15	KCA	1
Carbon Tetrachloride	0.083	0.040	0.040	0.52	0.25	0.25	11/02/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/02/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/02/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/02/15	KCA	1
Chloromethane	0.734	0.485	0.485	1.51	1.00	1.00	11/02/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/02/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/02/15	KCA	1
Dichlorodifluoromethane	0.406	0.202	0.202	2.01	1.00	1.00	11/02/15	KCA	1
Ethanol	323	ES 0.531	0.531	608	1.00	1.00	11/02/15	KCA	1
Ethyl acetate	4.61	0.278	0.278	16.6	1.00	1.00	11/02/15	KCA	1
Ethylbenzene	0.265	0.230	0.230	1.15	1.00	1.00	11/02/15	KCA	1
Heptane	0.953	0.244	0.244	3.90	1.00	1.00	11/02/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/02/15	KCA	1
Hexane	0.330	S 0.284	0.284	1.16	1.00	1.00	11/02/15	KCA	1
Isopropylalcohol	174	ES 0.407	0.407	427	1.00	1.00	11/02/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/02/15	KCA	1
m,p-Xylene	0.708	0.230	0.230	3.07	1.00	1.00	11/02/15	KCA	1
Methyl Ethyl Ketone	0.719	0.339	0.339	2.12	1.00	1.00	11/02/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/02/15	KCA	1
Methylene Chloride	0.429	S 0.288	0.288	1.49	1.00	1.00	11/02/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
o-Xylene	0.280	0.230	0.230	1.22	1.00	1.00	11/02/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/02/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/02/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/02/15	KCA	1
Tetrachloroethene	0.589	0.037	0.037	3.99	0.25	0.25	11/02/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/02/15	KCA	1
Toluene	1.31	0.266	0.266	4.93	1.00	1.00	11/02/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/02/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/02/15	KCA	1
Trichloroethene	1.76	0.047	0.047	9.45	0.25	0.25	11/02/15	KCA	1
Trichlorofluoromethane	0.651	0.178	0.178	3.66	1.00	1.00	11/02/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/02/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/02/15	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	105	%	%	105	%	%	11/02/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

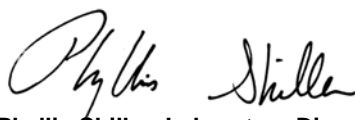
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 06, 2015

Reviewed and Released by: Tina Covensky



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QA/QC Report

November 06, 2015

QA/QC Data

SDG I.D.: GBK16519

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
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QA/QC Batch 325445 (ppbv), QC Sample No: BK16519 (BK16519, BK16520, BK16521, BK16522, BK16523)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	121	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	0.183	ND	1.00	107	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	97	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	0.247	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	0.252	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	136	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	99	2.00	2.05	0.407	0.417	2.4	70 - 130	20
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	0.166	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	0.247	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	0.216	ND	1.00	155	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	0.452	ND	1.00	157	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	0.166	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	0.166	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	0.278	ND	1.00	126	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	0.244	ND	1.00	82	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	0.204	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	0.182	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	0.421	ND	1.00	82	33.7	34.7	14.2	14.6	2.8	70 - 130	20
Acrylonitrile	ND	0.461	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	0.313	ND	1.00	100	1.28	1.24	0.402	0.389	3.3	70 - 130	20
Benzyl chloride	ND	0.193	ND	1.00	82	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	0.149	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	0.097	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	0.257	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	0.321	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	0.040	ND	0.25	107	0.52	0.53	0.083	0.085	2.4	70 - 130	20
Chlorobenzene	ND	0.217	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	0.379	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	0.205	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	0.484	ND	1.00	106	1.33	1.47	0.645	0.713	10.0	70 - 130	20
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	100	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	97	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	102	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	0.202	ND	1.00	102	1.94	1.76	0.392	0.356	9.6	70 - 130	20
Ethanol	ND	0.531	ND	1.00	87	761	793	404	421	4.1	70 - 130	20

QA/QC Data

SDG I.D.: GBK16519

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	86	15.0	15.1	4.16	4.20	1.0	70 - 130	20
Ethylbenzene	ND	0.230	ND	1.00	106	1.43	1.41	0.330	0.326	1.2	70 - 130	20
Heptane	ND	0.244	ND	1.00	92	3.86	3.92	0.942	0.956	1.5	70 - 130	20
Hexachlorobutadiene	ND	0.094	ND	1.00	136	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	0.284	ND	1.00	97	1.47 S	1.49 S	0.418 S	0.424 S	1.4	70 - 130	20
Isopropylalcohol	ND	0.407	ND	1.00	90	66.6	68.3	27.1	27.8	2.6	70 - 130	20
Isopropylbenzene	ND	0.204	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	0.230	ND	1.00	108	3.97	4.07	0.914	0.937	2.5	70 - 130	20
Methyl Ethyl Ketone	ND	0.339	ND	1.00	96	2.22	2.08	0.753	0.707	6.3	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	0.288	ND	1.00	90	1.75 S	1.81 S	0.504 S	0.520 S	3.1	70 - 130	20
n-Butylbenzene	ND	0.182	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	0.230	ND	1.00	105	1.46	1.43	0.337	0.330	2.1	70 - 130	20
Propylene	ND	0.581	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
sec-Butylbenzene	ND	0.182	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	0.235	ND	1.00	127	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	0.037	ND	0.25	97	5.17	5.54	0.762	0.817	7.0	70 - 130	20
Tetrahydrofuran	ND	0.339	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	0.266	ND	1.00	97	5.50	5.54	1.46	1.47	0.7	70 - 130	20
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	0.047	ND	0.25	122	11.8	12.5	2.20	2.33	5.7	70 - 130	20
Trichlorofluoromethane	ND	0.178	ND	1.00	109	3.66	3.71	0.652	0.660	1.2	70 - 130	20
Trichlorotrifluoroethane	ND	0.131	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	0.098	ND	0.25	106	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	105	%	105	%	104	111	107	111	107	3.7	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
November 06, 2015

Sample Criteria Exceedences Report

GBK16519 - EBC

Criteria: None

State: NY

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

*** No Data to Display ***

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



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

CHAIN OF CUSTODY RECORD
AIR ANALYSES
 800-827-5426
 email: greg@phoenixlabs.com

P.O. # _____ Page | of |
 Data Delivery:
 Fax #:
 Email: File; creilly@ecblincny.com
 Phone #:

Report to: Chawinie Reilly
 Customer: EBC
 Address: 1808 Middle Country Rd
Ridge NY 11961
 Invoiced to: EBC
 Project Name: 39-40 30th Street, Queens NY
 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		Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	MATRIX	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
								AM	PM								
		477	6.0	30	4	4991	10.4										
10579	Indoor Air Second Floor 03	11286	6.0	30	6	4999		9:31	5:15	10-27-15	-29	-4	X			X	
10520	Indoor Air Second Floor 02	13646	6.0	30	5	4960		9:19	5:19	10-27-15	-30	-6	X			X	
10521	AA02	224	6.0	30	4	5038		9:50	5:35	10-29-15	-30	-7	X			X	
10522	Indoor Air Second Floor 04	479	6.0	30	6	5048		9:15	5:15	10-28-15	-30	-6	X			X	
10523	Indoor Air Second Floor 01	353	6.0	30	6	5012	X	9:22	5:29	10-29-15	-29	-6	X			X	

Relinquished by: Thom Bell Date: 2015/10/30 10:25
 Accepted by: [Signature] Date: 10/30/15 1649
 Data Format: Excel PDF Other:
 Equis GISKey
 Requested Criteria: ASP B Deliverables, EDD
 SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
5 day TAT
* Road Walked + VO
 Quote Number: _____ Signature: [Signature] Date: 10-29-15

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.



Monday, December 14, 2015

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST QUEENS NY
Sample ID#s: BK28650 - BK28659

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.

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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 ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 39-40 30TH ST QUEENS NY
Laboratory Project: GBK28650



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

December 14, 2015

SDG I.D.: GBK28650

Environmental Business Consultants 39-40 30TH ST QUEENS NY

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
SG 16	BK28650	AIR
SG 17	BK28651	AIR
SG 18	BK28652	AIR
SG 19	BK28653	AIR
SG 20	BK28654	AIR
SG 21	BK28655	AIR
SG 22	BK28656	AIR
AA 03	BK28657	AIR
INDOOR AIR SECOND FLR 03	BK28658	AIR
INDOOR AIR SECOND FLR 04	BK28659	AIR



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NY Analytical Services Protocol Format

December 14, 2015

SDG I.D.: GBK28650

Environmental Business Consultants 39-40 30TH ST QUEENS NY

Laboratory Chronicle

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BK28650	Volatiles (TO15)	11/24/15	11/30/15	11/30/15	KCA	Y
BK28651	Volatiles (TO15)	11/24/15	11/30/15	11/30/15	KCA	Y
BK28652	Volatiles (TO15)	11/24/15	11/30/15	11/30/15	KCA	Y
BK28653	Volatiles (TO15)	11/24/15	11/30/15	11/30/15	KCA	Y
BK28654	Volatiles (TO15)	11/24/15	11/30/15	11/30/15	KCA	Y
BK28655	Volatiles (TO15)	11/24/15	11/30/15	11/30/15	KCA	Y
BK28656	Volatiles (TO15)	11/24/15	11/30/15	11/30/15	KCA	Y
BK28657	Volatiles (TO15)	11/24/15	11/30/15	11/30/15	KCA	Y
BK28658	Volatiles (TO15)	11/24/15	11/30/15	11/30/15	KCA	Y
BK28659	Volatiles (TO15)	11/24/15	11/30/15	11/30/15	KCA	Y



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



SDG Comments

December 14, 2015

SDG I.D.: GBK28650

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.



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

Analysis Report
 December 14, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13646

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/24/15 17:16
 11/25/15 17:30

Laboratory Data

SDG ID: GBK28650
 Phoenix ID: BK28650

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG 16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/30/15	KCA	1	
1,2,4-Trimethylbenzene	0.275	0.204	0.204	1.35	1.00	1.00	11/30/15	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/30/15	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/30/15	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/30/15	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.539	0.244	0.244	2.21	1.00	1.00	11/30/15	KCA	1	
Acetone	7.24	0.421	0.421	17.2	1.00	1.00	11/30/15	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/30/15	KCA	1	
Benzene	0.408	0.313	0.313	1.30	1.00	1.00	11/30/15	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/30/15	KCA	1	

Client ID: SG 16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/30/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/30/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/30/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/30/15	KCA	1
Carbon Tetrachloride	0.065	0.040	0.040	0.41	0.25	0.25	11/30/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/30/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/30/15	KCA	1
Chloromethane	0.649	0.485	0.485	1.34	1.00	1.00	11/30/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/30/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/30/15	KCA	1
Dichlorodifluoromethane	0.381	0.202	0.202	1.88	1.00	1.00	11/30/15	KCA	1
Ethanol	76.8	E 0.531	0.531	145	1.00	1.00	11/30/15	KCA	1
Ethyl acetate	1.95	0.278	0.278	7.02	1.00	1.00	11/30/15	KCA	1
Ethylbenzene	0.429	0.230	0.230	1.86	1.00	1.00	11/30/15	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/30/15	KCA	1
Hexane	0.550	S 0.284	0.284	1.94	1.00	1.00	11/30/15	KCA	1
Isopropylalcohol	3.51	S 0.407	0.407	8.62	1.00	1.00	11/30/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
m,p-Xylene	1.60	0.230	0.230	6.94	1.00	1.00	11/30/15	KCA	1
Methyl Ethyl Ketone	0.548	0.339	0.339	1.62	1.00	1.00	11/30/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
Methylene Chloride	0.309	S 0.288	0.288	1.07	1.00	1.00	11/30/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
o-Xylene	0.545	0.230	0.230	2.37	1.00	1.00	11/30/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/30/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/30/15	KCA	1
Tetrachloroethene	0.934	0.037	0.037	6.33	0.25	0.25	11/30/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/30/15	KCA	1
Toluene	1.21	0.266	0.266	4.56	1.00	1.00	11/30/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Trichloroethene	1.61	0.047	0.047	8.65	0.25	0.25	11/30/15	KCA	1
Trichlorofluoromethane	0.325	0.178	0.178	1.82	1.00	1.00	11/30/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/30/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/30/15	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	104	%	%	104	%	%	11/30/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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:

E = Estimated value quantitated above calibration range for this compound.

S - Laboratory solvent, contamination is possible.

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

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

December 14, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 14, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 479

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/24/15 17:20
 11/25/15 17:30

Laboratory Data

SDG ID: GBK28650
 Phoenix ID: BK28651

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG 17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/30/15	KCA	1
1,2,4-Trimethylbenzene	0.287	0.204	0.204	1.41	1.00	1.00	11/30/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/30/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/30/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
4-Methyl-2-pentanone(MIBK)	0.619	0.244	0.244	2.53	1.00	1.00	11/30/15	KCA	1
Acetone	7.32	0.421	0.421	17.4	1.00	1.00	11/30/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/30/15	KCA	1
Benzene	0.424	0.313	0.313	1.35	1.00	1.00	11/30/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/30/15	KCA	1

Client ID: SG 17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/30/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/30/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/30/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/30/15	KCA	1
Carbon Tetrachloride	0.067	0.040	0.040	0.42	0.25	0.25	11/30/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/30/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/30/15	KCA	1
Chloromethane	0.604	0.485	0.485	1.25	1.00	1.00	11/30/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/30/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/30/15	KCA	1
Dichlorodifluoromethane	0.380	0.202	0.202	1.88	1.00	1.00	11/30/15	KCA	1
Ethanol	80.6	E 0.531	0.531	152	1.00	1.00	11/30/15	KCA	1
Ethyl acetate	2.85	0.278	0.278	10.3	1.00	1.00	11/30/15	KCA	1
Ethylbenzene	0.423	0.230	0.230	1.84	1.00	1.00	11/30/15	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/30/15	KCA	1
Hexane	0.549	S 0.284	0.284	1.93	1.00	1.00	11/30/15	KCA	1
Isopropylalcohol	6.08	0.407	0.407	14.9	1.00	1.00	11/30/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
m,p-Xylene	1.55	0.230	0.230	6.73	1.00	1.00	11/30/15	KCA	1
Methyl Ethyl Ketone	0.565	0.339	0.339	1.67	1.00	1.00	11/30/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
Methylene Chloride	0.298	S 0.288	0.288	1.03	1.00	1.00	11/30/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
o-Xylene	0.541	0.230	0.230	2.35	1.00	1.00	11/30/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/30/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/30/15	KCA	1
Tetrachloroethene	0.667	0.037	0.037	4.52	0.25	0.25	11/30/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/30/15	KCA	1
Toluene	1.21	0.266	0.266	4.56	1.00	1.00	11/30/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Trichloroethene	1.53	0.047	0.047	8.22	0.25	0.25	11/30/15	KCA	1
Trichlorofluoromethane	0.320	0.178	0.178	1.80	1.00	1.00	11/30/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/30/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/30/15	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	103	%	%	103	%	%	11/30/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

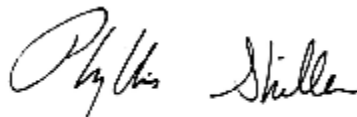
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

December 14, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 14, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 353

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/24/15 17:22
 11/25/15 17:30

Laboratory Data

SDG ID: GBK28650
 Phoenix ID: BK28652

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG 18

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/30/15	KCA	1
1,2,4-Trimethylbenzene	0.294	0.204	0.204	1.44	1.00	1.00	11/30/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/30/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/30/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1
Acetone	7.50	0.421	0.421	17.8	1.00	1.00	11/30/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/30/15	KCA	1
Benzene	0.424	0.313	0.313	1.35	1.00	1.00	11/30/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/30/15	KCA	1

Client ID: SG 18

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/30/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/30/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/30/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/30/15	KCA	1
Carbon Tetrachloride	0.069	0.040	0.040	0.43	0.25	0.25	11/30/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/30/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/30/15	KCA	1
Chloromethane	0.577	0.485	0.485	1.19	1.00	1.00	11/30/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/30/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/30/15	KCA	1
Dichlorodifluoromethane	0.375	0.202	0.202	1.85	1.00	1.00	11/30/15	KCA	1
Ethanol	74.6	E 0.531	0.531	140	1.00	1.00	11/30/15	KCA	1
Ethyl acetate	2.25	0.278	0.278	8.10	1.00	1.00	11/30/15	KCA	1
Ethylbenzene	0.411	0.230	0.230	1.78	1.00	1.00	11/30/15	KCA	1
Heptane	0.261	0.244	0.244	1.07	1.00	1.00	11/30/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/30/15	KCA	1
Hexane	0.590	S 0.284	0.284	2.08	1.00	1.00	11/30/15	KCA	1
Isopropylalcohol	6.48	0.407	0.407	15.9	1.00	1.00	11/30/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
m,p-Xylene	1.54	0.230	0.230	6.68	1.00	1.00	11/30/15	KCA	1
Methyl Ethyl Ketone	0.551	0.339	0.339	1.62	1.00	1.00	11/30/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
Methylene Chloride	0.375	S 0.288	0.288	1.30	1.00	1.00	11/30/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
o-Xylene	0.547	0.230	0.230	2.37	1.00	1.00	11/30/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/30/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/30/15	KCA	1
Tetrachloroethene	0.672	0.037	0.037	4.56	0.25	0.25	11/30/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/30/15	KCA	1
Toluene	1.25	0.266	0.266	4.71	1.00	1.00	11/30/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Trichloroethene	1.58	0.047	0.047	8.49	0.25	0.25	11/30/15	KCA	1
Trichlorofluoromethane	0.312	0.178	0.178	1.75	1.00	1.00	11/30/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/30/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/30/15	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	104	%	%	104	%	%	11/30/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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:

E = Estimated value quantitated above calibration range for this compound.

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

December 14, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 14, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 477

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/24/15 17:14
 11/25/15 17:30

Laboratory Data

SDG ID: GBK28650
 Phoenix ID: BK28653

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG 19

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/30/15	KCA	1
1,2,4-Trimethylbenzene	0.267	0.204	0.204	1.31	1.00	1.00	11/30/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/30/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/30/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
4-Methyl-2-pentanone(MIBK)	0.508	0.244	0.244	2.08	1.00	1.00	11/30/15	KCA	1
Acetone	6.93	0.421	0.421	16.5	1.00	1.00	11/30/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/30/15	KCA	1
Benzene	0.402	0.313	0.313	1.28	1.00	1.00	11/30/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/30/15	KCA	1

Client ID: SG 19

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/30/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/30/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/30/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/30/15	KCA	1
Carbon Tetrachloride	0.065	0.040	0.040	0.41	0.25	0.25	11/30/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/30/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/30/15	KCA	1
Chloromethane	0.643	0.485	0.485	1.33	1.00	1.00	11/30/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/30/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/30/15	KCA	1
Dichlorodifluoromethane	0.408	0.202	0.202	2.02	1.00	1.00	11/30/15	KCA	1
Ethanol	75.3	E 0.531	0.531	142	1.00	1.00	11/30/15	KCA	1
Ethyl acetate	1.76	0.278	0.278	6.34	1.00	1.00	11/30/15	KCA	1
Ethylbenzene	0.390	0.230	0.230	1.69	1.00	1.00	11/30/15	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/30/15	KCA	1
Hexane	0.601	S 0.284	0.284	2.12	1.00	1.00	11/30/15	KCA	1
Isopropylalcohol	6.42	0.407	0.407	15.8	1.00	1.00	11/30/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
m,p-Xylene	1.44	0.230	0.230	6.25	1.00	1.00	11/30/15	KCA	1
Methyl Ethyl Ketone	0.509	0.339	0.339	1.50	1.00	1.00	11/30/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
Methylene Chloride	0.414	S 0.288	0.288	1.44	1.00	1.00	11/30/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
o-Xylene	0.500	0.230	0.230	2.17	1.00	1.00	11/30/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/30/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/30/15	KCA	1
Tetrachloroethene	0.612	0.037	0.037	4.15	0.25	0.25	11/30/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/30/15	KCA	1
Toluene	1.14	0.266	0.266	4.29	1.00	1.00	11/30/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Trichloroethene	1.58	0.047	0.047	8.49	0.25	0.25	11/30/15	KCA	1
Trichlorofluoromethane	0.317	0.178	0.178	1.78	1.00	1.00	11/30/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/30/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/30/15	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	11/30/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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:

E = Estimated value quantitated above calibration range for this compound.

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

December 14, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 14, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 11286

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/24/15 17:25
 11/25/15 17:30

Laboratory Data

SDG ID: GBK28650
 Phoenix ID: BK28654

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG 20

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/30/15	KCA	1	
1,2,4-Trimethylbenzene	0.286	0.204	0.204	1.41	1.00	1.00	11/30/15	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/30/15	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/30/15	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/30/15	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.533	0.244	0.244	2.18	1.00	1.00	11/30/15	KCA	1	
Acetone	7.44	0.421	0.421	17.7	1.00	1.00	11/30/15	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/30/15	KCA	1	
Benzene	0.429	0.313	0.313	1.37	1.00	1.00	11/30/15	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/30/15	KCA	1	

Client ID: SG 20

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/30/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/30/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/30/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/30/15	KCA	1
Carbon Tetrachloride	0.067	0.040	0.040	0.42	0.25	0.25	11/30/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/30/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/30/15	KCA	1
Chloromethane	0.641	0.485	0.485	1.32	1.00	1.00	11/30/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/30/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/30/15	KCA	1
Dichlorodifluoromethane	0.345	0.202	0.202	1.71	1.00	1.00	11/30/15	KCA	1
Ethanol	79.9	E 0.531	0.531	150	1.00	1.00	11/30/15	KCA	1
Ethyl acetate	2.27	0.278	0.278	8.17	1.00	1.00	11/30/15	KCA	1
Ethylbenzene	0.411	0.230	0.230	1.78	1.00	1.00	11/30/15	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/30/15	KCA	1
Hexane	0.603	S 0.284	0.284	2.12	1.00	1.00	11/30/15	KCA	1
Isopropylalcohol	5.22	0.407	0.407	12.8	1.00	1.00	11/30/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
m,p-Xylene	1.53	0.230	0.230	6.64	1.00	1.00	11/30/15	KCA	1
Methyl Ethyl Ketone	0.617	0.339	0.339	1.82	1.00	1.00	11/30/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
Methylene Chloride	0.354	S 0.288	0.288	1.23	1.00	1.00	11/30/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
o-Xylene	0.537	0.230	0.230	2.33	1.00	1.00	11/30/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/30/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/30/15	KCA	1
Tetrachloroethene	0.672	0.037	0.037	4.56	0.25	0.25	11/30/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/30/15	KCA	1
Toluene	1.24	0.266	0.266	4.67	1.00	1.00	11/30/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Trichloroethene	1.50	0.047	0.047	8.06	0.25	0.25	11/30/15	KCA	1
Trichlorofluoromethane	0.302	0.178	0.178	1.70	1.00	1.00	11/30/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/30/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/30/15	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	11/30/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

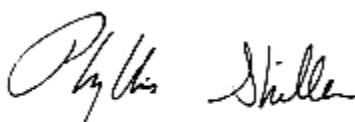
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

December 14, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 14, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 18851

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/24/15 16:58
 11/25/15 17:30

Laboratory Data

SDG ID: GBK28650
 Phoenix ID: BK28655

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG 21

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/30/15	KCA	1
1,2,4-Trimethylbenzene	0.208	0.204	0.204	1.02	1.00	1.00	11/30/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/30/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/30/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
4-Methyl-2-pentanone(MIBK)	0.419	0.244	0.244	1.72	1.00	1.00	11/30/15	KCA	1
Acetone	6.89	0.421	0.421	16.4	1.00	1.00	11/30/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/30/15	KCA	1
Benzene	0.387	0.313	0.313	1.24	1.00	1.00	11/30/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/30/15	KCA	1

Client ID: SG 21

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/30/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/30/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/30/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/30/15	KCA	1
Carbon Tetrachloride	0.071	0.040	0.040	0.45	0.25	0.25	11/30/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/30/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/30/15	KCA	1
Chloromethane	0.577	0.485	0.485	1.19	1.00	1.00	11/30/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/30/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/30/15	KCA	1
Dichlorodifluoromethane	0.431	0.202	0.202	2.13	1.00	1.00	11/30/15	KCA	1
Ethanol	65.0	E 0.531	0.531	122	1.00	1.00	11/30/15	KCA	1
Ethyl acetate	1.49	0.278	0.278	5.37	1.00	1.00	11/30/15	KCA	1
Ethylbenzene	0.321	0.230	0.230	1.39	1.00	1.00	11/30/15	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/30/15	KCA	1
Hexane	0.654	S 0.284	0.284	2.30	1.00	1.00	11/30/15	KCA	1
Isopropylalcohol	6.60	0.407	0.407	16.2	1.00	1.00	11/30/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
m,p-Xylene	1.21	0.230	0.230	5.25	1.00	1.00	11/30/15	KCA	1
Methyl Ethyl Ketone	0.517	0.339	0.339	1.52	1.00	1.00	11/30/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
Methylene Chloride	0.586	S 0.288	0.288	2.03	1.00	1.00	11/30/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
o-Xylene	0.409	0.230	0.230	1.77	1.00	1.00	11/30/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/30/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/30/15	KCA	1
Tetrachloroethene	0.504	0.037	0.037	3.42	0.25	0.25	11/30/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/30/15	KCA	1
Toluene	1.02	0.266	0.266	3.84	1.00	1.00	11/30/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Trichloroethene	1.19	0.047	0.047	6.39	0.25	0.25	11/30/15	KCA	1
Trichlorofluoromethane	0.303	0.178	0.178	1.70	1.00	1.00	11/30/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/30/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/30/15	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	11/30/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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:

E = Estimated value quantitated above calibration range for this compound.

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

December 14, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 14, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 12872

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/24/15 16:50
 11/25/15 17:30

Laboratory Data

SDG ID: GBK28650
 Phoenix ID: BK28656

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG 22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/30/15	KCA	1
1,2,4-Trimethylbenzene	0.336	0.204	0.204	1.65	1.00	1.00	11/30/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/30/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/30/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
4-Methyl-2-pentanone(MIBK)	1.64	0.244	0.244	6.71	1.00	1.00	11/30/15	KCA	1
Acetone	8.31	0.421	0.421	19.7	1.00	1.00	11/30/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/30/15	KCA	1
Benzene	0.513	0.313	0.313	1.64	1.00	1.00	11/30/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/30/15	KCA	1

Client ID: SG 22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/30/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/30/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/30/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/30/15	KCA	1
Carbon Tetrachloride	0.067	0.040	0.040	0.42	0.25	0.25	11/30/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/30/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/30/15	KCA	1
Chloromethane	0.603	0.485	0.485	1.24	1.00	1.00	11/30/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/30/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/30/15	KCA	1
Dichlorodifluoromethane	0.324	0.202	0.202	1.60	1.00	1.00	11/30/15	KCA	1
Ethanol	152	E 0.531	0.531	286	1.00	1.00	11/30/15	KCA	1
Ethyl acetate	12.4	0.278	0.278	44.7	1.00	1.00	11/30/15	KCA	1
Ethylbenzene	0.549	0.230	0.230	2.38	1.00	1.00	11/30/15	KCA	1
Heptane	0.287	0.244	0.244	1.18	1.00	1.00	11/30/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/30/15	KCA	1
Hexane	0.581	S 0.284	0.284	2.05	1.00	1.00	11/30/15	KCA	1
Isopropylalcohol	7.55	0.407	0.407	18.5	1.00	1.00	11/30/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
m,p-Xylene	1.89	0.230	0.230	8.20	1.00	1.00	11/30/15	KCA	1
Methyl Ethyl Ketone	0.631	0.339	0.339	1.86	1.00	1.00	11/30/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
Methylene Chloride	0.385	S 0.288	0.288	1.34	1.00	1.00	11/30/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
o-Xylene	0.617	0.230	0.230	2.68	1.00	1.00	11/30/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/30/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/30/15	KCA	1
Tetrachloroethene	0.661	0.037	0.037	4.48	0.25	0.25	11/30/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/30/15	KCA	1
Toluene	1.46	0.266	0.266	5.50	1.00	1.00	11/30/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Trichloroethene	1.42	0.047	0.047	7.63	0.25	0.25	11/30/15	KCA	1
Trichlorofluoromethane	0.320	0.178	0.178	1.80	1.00	1.00	11/30/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/30/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/30/15	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	104	%	%	104	%	%	11/30/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

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

December 14, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 14, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 493

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/24/15 16:40
 11/25/15 17:30

Laboratory Data

SDG ID: GBK28650
 Phoenix ID: BK28657

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: AA 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/30/15	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/30/15	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/30/15	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/30/15	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1	
Acetone	3.38	S 0.421	0.421	8.02	1.00	1.00	11/30/15	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/30/15	KCA	1	
Benzene	0.316	0.313	0.313	1.01	1.00	1.00	11/30/15	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/30/15	KCA	1	

Client ID: AA 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/30/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/30/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/30/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/30/15	KCA	1
Carbon Tetrachloride	0.074	0.040	0.040	0.47	0.25	0.25	11/30/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/30/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/30/15	KCA	1
Chloromethane	0.587	0.485	0.485	1.21	1.00	1.00	11/30/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/30/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/30/15	KCA	1
Dichlorodifluoromethane	0.426	0.202	0.202	2.11	1.00	1.00	11/30/15	KCA	1
Ethanol	5.22	S 0.531	0.531	9.8	1.00	1.00	11/30/15	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	11/30/15	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/30/15	KCA	1
Hexane	0.417	S 0.284	0.284	1.47	1.00	1.00	11/30/15	KCA	1
Isopropylalcohol	4.04	S 0.407	0.407	9.9	1.00	1.00	11/30/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
m,p-Xylene	0.326	0.230	0.230	1.41	1.00	1.00	11/30/15	KCA	1
Methyl Ethyl Ketone	0.444	0.339	0.339	1.31	1.00	1.00	11/30/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
Methylene Chloride	0.337	S 0.288	0.288	1.17	1.00	1.00	11/30/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	11/30/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/30/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/30/15	KCA	1
Tetrachloroethene	0.185	0.037	0.037	1.25	0.25	0.25	11/30/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/30/15	KCA	1
Toluene	0.850	0.266	0.266	3.20	1.00	1.00	11/30/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Trichloroethene	ND	0.047	0.047	ND	0.25	0.25	11/30/15	KCA	1
Trichlorofluoromethane	0.253	0.178	0.178	1.42	1.00	1.00	11/30/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/30/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/30/15	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	104	%	%	104	%	%	11/30/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

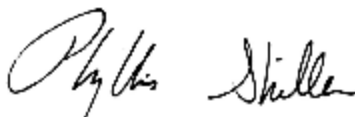
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

December 14, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 14, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 466

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/24/15 17:30
 11/25/15 17:30

Laboratory Data

SDG ID: GBK28650
 Phoenix ID: BK28658

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLR 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/30/15	KCA	1
1,2,4-Trimethylbenzene	0.265	0.204	0.204	1.30	1.00	1.00	11/30/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/30/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/30/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
4-Methyl-2-pentanone(MIBK)	0.387	0.244	0.244	1.58	1.00	1.00	11/30/15	KCA	1
Acetone	10.2	0.421	0.421	24.2	1.00	1.00	11/30/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/30/15	KCA	1
Benzene	0.566	0.313	0.313	1.81	1.00	1.00	11/30/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/30/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/30/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/30/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/30/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/30/15	KCA	1
Carbon Tetrachloride	0.072	0.040	0.040	0.45	0.25	0.25	11/30/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/30/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/30/15	KCA	1
Chloromethane	0.709	0.485	0.485	1.46	1.00	1.00	11/30/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/30/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/30/15	KCA	1
Dichlorodifluoromethane	0.411	0.202	0.202	2.03	1.00	1.00	11/30/15	KCA	1
Ethanol	368	E 0.531	0.531	693	1.00	1.00	11/30/15	KCA	1
Ethyl acetate	1.63	0.278	0.278	5.87	1.00	1.00	11/30/15	KCA	1
Ethylbenzene	0.309	0.230	0.230	1.34	1.00	1.00	11/30/15	KCA	1
Heptane	0.335	0.244	0.244	1.37	1.00	1.00	11/30/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/30/15	KCA	1
Hexane	0.577	S 0.284	0.284	2.03	1.00	1.00	11/30/15	KCA	1
Isopropylalcohol	16.2	0.407	0.407	39.8	1.00	1.00	11/30/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
m,p-Xylene	1.08	0.230	0.230	4.69	1.00	1.00	11/30/15	KCA	1
Methyl Ethyl Ketone	0.729	0.339	0.339	2.15	1.00	1.00	11/30/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
Methylene Chloride	0.470	S 0.288	0.288	1.63	1.00	1.00	11/30/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
o-Xylene	0.399	0.230	0.230	1.73	1.00	1.00	11/30/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/30/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/30/15	KCA	1
Tetrachloroethene	0.618	0.037	0.037	4.19	0.25	0.25	11/30/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/30/15	KCA	1
Toluene	1.45	0.266	0.266	5.46	1.00	1.00	11/30/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Trichloroethene	1.05	0.047	0.047	5.64	0.25	0.25	11/30/15	KCA	1
Trichlorofluoromethane	0.454	0.178	0.178	2.55	1.00	1.00	11/30/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/30/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/30/15	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	105	%	%	105	%	%	11/30/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

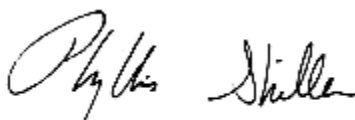
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency.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

Comments:

E = Estimated value quantitated above calibration range for this compound.

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

December 14, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 December 14, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 471

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time
 11/24/15 17:35
 11/25/15 17:30

Laboratory Data

SDG ID: GBK28650
 Phoenix ID: BK28659

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLR 04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/30/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/30/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/30/15	KCA	1
1,2,4-Trimethylbenzene	0.255	0.204	0.204	1.25	1.00	1.00	11/30/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/30/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/30/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/30/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/30/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/30/15	KCA	1
Acetone	14.9	0.421	0.421	35.4	1.00	1.00	11/30/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/30/15	KCA	1
Benzene	0.619	0.313	0.313	1.98	1.00	1.00	11/30/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/30/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/30/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/30/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/30/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/30/15	KCA	1
Carbon Tetrachloride	0.071	0.040	0.040	0.45	0.25	0.25	11/30/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/30/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/30/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/30/15	KCA	1
Chloromethane	0.911	0.485	0.485	1.88	1.00	1.00	11/30/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/30/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/30/15	KCA	1
Dichlorodifluoromethane	0.371	0.202	0.202	1.83	1.00	1.00	11/30/15	KCA	1
Ethanol	1450	E 0.531	0.531	2730	1.00	1.00	11/30/15	KCA	1
Ethyl acetate	1.29	0.278	0.278	4.65	1.00	1.00	11/30/15	KCA	1
Ethylbenzene	0.266	0.230	0.230	1.15	1.00	1.00	11/30/15	KCA	1
Heptane	0.273	0.244	0.244	1.12	1.00	1.00	11/30/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/30/15	KCA	1
Hexane	0.545	S 0.284	0.284	1.92	1.00	1.00	11/30/15	KCA	1
Isopropylalcohol	46.2	E 0.407	0.407	113	1.00	1.00	11/30/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/30/15	KCA	1
m,p-Xylene	0.957	0.230	0.230	4.15	1.00	1.00	11/30/15	KCA	1
Methyl Ethyl Ketone	0.713	0.339	0.339	2.10	1.00	1.00	11/30/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/30/15	KCA	1
Methylene Chloride	0.521	S 0.288	0.288	1.81	1.00	1.00	11/30/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
o-Xylene	0.351	0.230	0.230	1.52	1.00	1.00	11/30/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/30/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/30/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/30/15	KCA	1
Tetrachloroethene	0.594	0.037	0.037	4.03	0.25	0.25	11/30/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/30/15	KCA	1
Toluene	1.38	0.266	0.266	5.20	1.00	1.00	11/30/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/30/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/30/15	KCA	1
Trichloroethene	0.930	0.047	0.047	4.99	0.25	0.25	11/30/15	KCA	1
Trichlorofluoromethane	0.450	0.178	0.178	2.53	1.00	1.00	11/30/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/30/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/30/15	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	104	%	%	104	%	%	11/30/15	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

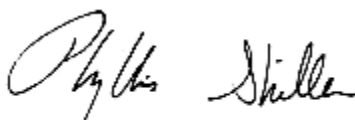
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency.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

Comments:

E = Estimated value quantitated above calibration range for this compound.

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

December 14, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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QA/QC Report

December 14, 2015

QA/QC Data

SDG I.D.: GBK28650

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
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QA/QC Batch 328122 (ppbv), QC Sample No: BK28650 (BK28650, BK28651, BK28652, BK28653, BK28654, BK28655, BK28656, BK28657, BK28658, BK28659)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	0.183	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	0.183	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	0.247	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	0.252	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	109	1.35	1.31	0.275	0.266	3.3	70 - 130	20
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	0.166	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	0.247	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	0.216	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	83	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	115	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	0.166	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	0.166	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	0.278	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	0.244	ND	1.00	115	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	108	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	112	2.21	2.21	0.539	0.541	0.4	70 - 130	20
Acetone	ND	0.421	ND	1.00	95	17.2	16.9	7.24	7.12	1.7	70 - 130	20
Acrylonitrile	ND	0.461	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	0.313	ND	1.00	107	1.30	1.28	0.408	0.402	1.5	70 - 130	20
Benzyl chloride	ND	0.193	ND	1.00	128	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	0.149	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	0.097	ND	1.00	143	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	0.257	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	0.321	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	0.040	ND	0.25	112	0.41	0.42	0.065	0.067	3.0	70 - 130	20
Chlorobenzene	ND	0.217	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	0.379	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	0.205	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	0.484	ND	1.00	118	1.34	1.32	0.649	0.638	1.7	70 - 130	20
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	109	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	112	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	0.117	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	0.202	ND	1.00	93	1.88	1.79	0.381	0.363	4.8	70 - 130	20

QA/QC Data

SDG I.D.: GBK28650

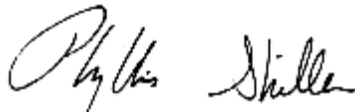
Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethanol	ND	0.531	ND	1.00	108	145	146	76.8	77.4	0.8	70 - 130	20
Ethyl acetate	ND	0.278	ND	1.00	109	7.02	6.95	1.95	1.93	1.0	70 - 130	20
Ethylbenzene	ND	0.230	ND	1.00	108	1.86	1.72	0.429	0.396	8.0	70 - 130	20
Heptane	ND	0.244	ND	1.00	87	ND	ND	ND	ND	NC	70 - 130	20
Hexachlorobutadiene	ND	0.094	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	0.284	ND	1.00	110	1.94 S	1.98 S	0.550 S	0.561 S	2.0	70 - 130	20
Isopropylalcohol	ND	0.407	ND	1.00	89	8.62 S	8.20 S	3.51 S	3.34 S	5.0	70 - 130	20
Isopropylbenzene	ND	0.204	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	0.230	ND	1.00	110	6.94	6.47	1.60	1.49	7.1	70 - 130	20
Methyl Ethyl Ketone	ND	0.339	ND	1.00	110	1.62	1.63	0.548	0.553	0.9	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	0.288	ND	1.00	110	1.07 S	1.08 S	0.309 S	0.310 S	0.3	70 - 130	20
n-Butylbenzene	ND	0.182	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	0.230	ND	1.00	108	2.37	2.36	0.545	0.544	0.2	70 - 130	20
Propylene	ND	0.581	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	20
sec-Butylbenzene	ND	0.182	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	0.235	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	0.037	ND	0.25	102	6.33	5.02	0.934	0.740	23.2	70 - 130	20
Tetrahydrofuran	ND	0.339	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	0.266	ND	1.00	103	4.56	4.56	1.21	1.21	0.0	70 - 130	20
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	0.047	ND	0.25	102	8.65	8.54	1.61	1.59	1.3	70 - 130	20
Trichlorofluoromethane	ND	0.178	ND	1.00	112	1.82	1.79	0.325	0.319	1.9	70 - 130	20
Trichlorotrifluoroethane	ND	0.131	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	0.098	ND	0.25	116	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	99	%	99	%	102	104	102	104	102	1.9	70 - 130	20

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

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

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


 Phyllis Shiller, Laboratory Director
 December 14, 2015

Sample Criteria Exceedences Report

Criteria: None

GBK28650 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

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





587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Telephone: 860-645-1102 • Fax: 860-645-0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426
 email: greg@phoenixlabs.com

P.O. # _____ Page 1 of 2

Data Delivery: Fax #: _____

Email: SRilly@eblabny.com

Phone #: _____

Report to: Kevin Waters
 Customer: EBC
 Address: 1808 Middle Country Rd
Ridge NY 11961
 Invoice to: EBC
 Project Name: 39-40 30th St Queens NY
 Requested Deliverable: RCP ASP CAT B
 MCP NU 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)	THIS SECTION FOR LAB USE ONLY		AM Sampling Start Time	PM Sampling End Time	Sample Start Date	Canister Pressure at Start (”Hg)	Canister Pressure at End (”Hg)	MATRIX		ANALYSES
								Canister ID #	Flow Controller Setting (mL/min)						Ambient/Indoor Air	Soil Gas	
28650	SG16	13646	6.0	-30	-5	4986	10.42		9:20	5:16	11-24	-30	-6	X			X
28651	SG17	479	6.0	-30	-6	5352			9:23	5:20	11-24	-30	-6	X			X
28652	SG18	353	6.0	-30	-6	5042			9:26	5:22	11-24	-30	-6	X			X
28653	SG19	477	6.0	-30	-6	5657			9:30	5:14	11-24	-30	-6	X			X
28654	SG20	11286	6.0	-30	-6	4957			9:32	5:25	11-24	-30	-6	X			X
28655	SG21	18851	6.0	-30	-8	4997	✓		9:36	4:58	11-24	-29	-6	X			X

Relinquished by: Thomas Gallo Date: 11-25-15
 Accepted by: [Signature] Date: 11-25-15
 Data Format: Excel Equis GISKey
 PDF Other:

Requested Criteria: ASP B Deliverables, EDD
 SPECIAL INSTRUCTIONS, OR REQUIREMENTS, REGULATORY INFORMATION:
5 day TAT
 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: Thomas Gallo Date: 11-24-15
 Quote Number: _____



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Telephone: 860-645-1102 • Fax: 860-645-0823

CHAIN OF CUSTODY RECORD

AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page 2 of 2

Data Delivery:

Fax #:

Email: creilly@elc.labs.com

Phone #:

Report to: Kevin Waters

Customer: EBC

Address: 1808 Middle Country Rd
Ridge NY, 11961
Thomas Gallo

Project Name:

37-40 80th Street Queens NY

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 (C Hg)	Incoming Canister Pressure (C Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	AM Sampling Start Time	PM Sampling End Time	Sample Start Date	Canister Pressure at Start (C Hg)	Canister Pressure at End (C Hg)	MATRIX		ANALYSES
													Ambient/Indoor Air	Soil Gas	
28656	SG22	12872	6.0	-30	-8	3187	10.4	9:37	4:50	11-24	-30	-6	X		X
28657	AA03	493	6.0	-30	-8	3190		9:55	4:40	11-24	-30	-7	X		X
28658	Indoor Air Second Floor 03	466	6.0	-30	-7	5048		10:02	5:30	11-24	-30	-7	X		X
28659	Indoor Air Second Floor 04	471	6.0	-30	-9	4991		10:07	5:35	11-24	-30	-8	X		X
	Did Not Use	11289	6.0	-30		5946									
	Did Not Use	465	6.0	-30		4960									

Relinquished by: Thomas Gallo Date: 11-25-15 Time: 16:30
 Accepted by: [Signature] Date: 11-25-15 Time: 17:30
 Data Format: Excel PDF Other:

Requested Criteria: ASP B Deliverables, EDD
 SPECIAL INSTRUCTIONS OR REQUIREMENTS, REGULATORY INFORMATION:
5 Day TAT
 Quote Number: _____ Date: 11-24-15
 Signature: [Signature]
 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.

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
(860) 645-1102

Lab Sample Id
Collection Date
Client Id
Matrix

BK53620
1/14/2016
INDOOR AIR SECOND FLR 03
Air

BK53621
1/14/2016
INDOOR AIR SECOND FLR 04
Air

BK53622
1/14/2016
SG 16
Air

BK53623
1/14/2016
SG 22
Air

BK53624
1/14/2016
ADJACENT TO CARBON DISCHARGE
Air

BK53625
1/14/2016
SG 17
Air

Project Id : 39-40 30TH ST QUEENS NY

CAS	Units	BK53620				BK53621				BK53622				BK53623				BK53624				BK53625							
		Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL				
Volatiles (TO15) By TO15																													
1,1,1,2-Tetrachloroethane	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,1,1-Trichloroethane	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,1,2,2-Tetrachloroethane	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,1,2-Trichloroethane	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,1-Dichloroethane	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2-Dichloroethane	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2,4-Trichlorobenzene	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2,4-Trimethylbenzene	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	1.7	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	1.05	1.00	U	1.00
1,2-Dibromoethane(EDB)	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2-Dichlorobenzene	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2-Dichloroethane	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2-dichloropropane	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2-Dichlorotetrafluoroethane	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,3,5-Trimethylbenzene	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,3-Butadiene	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,3-Dichlorobenzene	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,4-Dichlorobenzene	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,4-Dioxane	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
2-Hexanone(MIBK)	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
4-Ethyltoluene	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
4-Ethyltoluene	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
4-Isopropyltoluene	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
4-Methyl-2-pentanol(MIBK)	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Acetone	ug/m3	< 1.00	1.00	S	1.00	17.6	1.00	S	1.00	11.3	1.00	S	1.00	14.4	1.00	S	1.00	10.2	1.00	S	1.00	10.2	1.00	S	1.00	10.2	1.00	S	1.00
Acrylonitrile	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Benzene	ug/m3	25.2	1.00	U	1.00	41.8	1.00	U	1.00	3.58	1.00	U	1.00	3.38	1.00	U	1.00	3.35	1.00	U	1.00	3.35	1.00	U	1.00	3.03	1.00	U	1.00
Benzyl chloride	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Bromodichloromethane	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Bromoform	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Bromomethane	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Carbon Disulfide	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Carbon Tetrachloride	ug/m3	0.5	0.25	U	0.25	0.52	0.25	U	0.25	0.55	0.25	U	0.25	0.53	0.25	U	0.25	0.48	0.25	U	0.25	0.53	0.25	U	0.25	0.53	0.25	U	0.25
Chlorobenzene	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Chloroethane	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Chloroform	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Chloromethane	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	1.03	1.00	U	1.00	1	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
cis-1,2-Dichloroethane	ug/m3	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
cis-1,3-Dichloropropene	ug/m3	< 1.00	1.00																										



Thursday, January 21, 2016

Attn: Mr. Chawniee Reilly
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST QUEENS NY
Sample ID#s: BK53620 - BK53625

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.

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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 ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 39-40 30TH ST QUEENS NY
Laboratory Project: GBK53620



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

January 23, 2016

SDG I.D.: GBK53620

Environmental Business Consultants 39-40 30TH ST QUEENS NY

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
INDOOR AIR SECOND FLR 03	BK53620	AIR
INDOOR AIR SECOND FLR 04	BK53621	AIR
SG 16	BK53622	AIR
SG 22	BK53623	AIR
ADJACENT TO CARBON DISCH	BK53624	AIR
SG 17	BK53625	AIR



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

January 23, 2016

SDG I.D.: GBK53620

Environmental Business Consultants 39-40 30TH ST QUEENS NY

Laboratory Chronicle

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BK53620	Volatiles (TO15)	01/14/16	01/15/16	01/15/16	DD	Y
BK53621	Volatiles (TO15)	01/14/16	01/15/16	01/15/16	DD	Y
BK53622	Volatiles (TO15)	01/14/16	01/15/16	01/15/16	DD	Y
BK53623	Volatiles (TO15)	01/14/16	01/15/16	01/15/16	DD	Y
BK53624	Volatiles (TO15)	01/14/16	01/15/16	01/15/16	DD	Y
BK53625	Volatiles (TO15)	01/14/16	01/15/16	01/15/16	DD	Y



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



SDG Comments

January 21, 2016

SDG I.D.: GBK53620

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.



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

Analysis Report
 January 21, 2016

FOR: Attn: Mr.Chawnee Reilly
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 487

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time
 01/14/16 17:10
 01/15/16 16:06

Laboratory Data

SDG ID: GBK53620
 Phoenix ID: BK53620

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLR 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	01/15/16	DD	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	01/15/16	DD	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	01/15/16	DD	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	01/15/16	DD	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	01/15/16	DD	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	01/15/16	DD	1	
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	01/15/16	DD	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	01/15/16	DD	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	01/15/16	DD	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	01/15/16	DD	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	01/15/16	DD	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1	
1,4-Dichlorobenzene	0.352	0.166	0.166	2.12	1.00	1.00	01/15/16	DD	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	01/15/16	DD	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1	
Acetone	6.87	S 0.421	0.421	16.3	1.00	1.00	01/15/16	DD	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	01/15/16	DD	1	
Benzene	7.88	0.313	0.313	25.2	1.00	1.00	01/15/16	DD	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	01/15/16	DD	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	01/15/16	DD	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	01/15/16	DD	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	01/15/16	DD	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	01/15/16	DD	1
Carbon Tetrachloride	0.079	0.040	0.040	0.50	0.25	0.25	01/15/16	DD	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	01/15/16	DD	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	01/15/16	DD	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	01/15/16	DD	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	01/15/16	DD	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	01/15/16	DD	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	01/15/16	DD	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	01/15/16	DD	1
Dichlorodifluoromethane	0.450	0.202	0.202	2.22	1.00	1.00	01/15/16	DD	1
Ethanol	7.52	S 0.531	0.531	14.2	1.00	1.00	01/15/16	DD	1
Ethyl acetate	1.41	0.278	0.278	5.08	1.00	1.00	01/15/16	DD	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	01/15/16	DD	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	01/15/16	DD	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	01/15/16	DD	1
Isopropylalcohol	7.15	S 0.407	0.407	17.6	1.00	1.00	01/15/16	DD	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1
m,p-Xylene	0.360	0.230	0.230	1.56	1.00	1.00	01/15/16	DD	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	01/15/16	DD	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	01/15/16	DD	1
Methylene Chloride	0.656	S 0.288	0.288	2.28	1.00	1.00	01/15/16	DD	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	01/15/16	DD	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	01/15/16	DD	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	01/15/16	DD	1
Tetrachloroethene	0.569	0.037	0.037	3.86	0.25	0.25	01/15/16	DD	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	01/15/16	DD	1
Toluene	1.03	0.266	0.266	3.88	1.00	1.00	01/15/16	DD	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	01/15/16	DD	1
Trichloroethene	1.31	0.047	0.047	7.04	0.25	0.25	01/15/16	DD	1
Trichlorofluoromethane	0.317	0.178	0.178	1.78	1.00	1.00	01/15/16	DD	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	01/15/16	DD	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	01/15/16	DD	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	104	%	%	104	%	%	01/15/16	DD	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

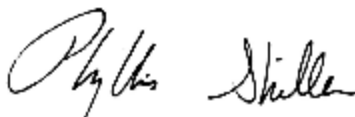
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

January 23, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

January 21, 2016

FOR: Attn: Mr.Chawnee Reilly
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 220

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date: 01/14/16 17:12
 01/15/16 16:06

Laboratory Data

SDG ID: GBK53620
 Phoenix ID: BK53621

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLR 04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	01/15/16	DD	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	01/15/16	DD	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	01/15/16	DD	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	01/15/16	DD	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	01/15/16	DD	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	01/15/16	DD	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	01/15/16	DD	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	01/15/16	DD	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	01/15/16	DD	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	01/15/16	DD	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	01/15/16	DD	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	01/15/16	DD	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1
Acetone	7.41	S 0.421	0.421	17.6	1.00	1.00	01/15/16	DD	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	01/15/16	DD	1
Benzene	13.1	0.313	0.313	41.8	1.00	1.00	01/15/16	DD	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	01/15/16	DD	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	01/15/16	DD	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	01/15/16	DD	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	01/15/16	DD	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	01/15/16	DD	1
Carbon Tetrachloride	0.083	0.040	0.040	0.52	0.25	0.25	01/15/16	DD	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	01/15/16	DD	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	01/15/16	DD	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	01/15/16	DD	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	01/15/16	DD	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	01/15/16	DD	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	01/15/16	DD	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	01/15/16	DD	1
Dichlorodifluoromethane	0.447	0.202	0.202	2.21	1.00	1.00	01/15/16	DD	1
Ethanol	13.7	S 0.531	0.531	25.8	1.00	1.00	01/15/16	DD	1
Ethyl acetate	1.02	0.278	0.278	3.67	1.00	1.00	01/15/16	DD	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	01/15/16	DD	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	01/15/16	DD	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	01/15/16	DD	1
Isopropylalcohol	13.0	S 0.407	0.407	31.9	1.00	1.00	01/15/16	DD	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1
m,p-Xylene	0.345	0.230	0.230	1.50	1.00	1.00	01/15/16	DD	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	01/15/16	DD	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	01/15/16	DD	1
Methylene Chloride	0.405	S 0.288	0.288	1.41	1.00	1.00	01/15/16	DD	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	01/15/16	DD	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	01/15/16	DD	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	01/15/16	DD	1
Tetrachloroethene	0.411	0.037	0.037	2.79	0.25	0.25	01/15/16	DD	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	01/15/16	DD	1
Toluene	1.05	0.266	0.266	3.95	1.00	1.00	01/15/16	DD	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	01/15/16	DD	1
Trichloroethene	0.986	0.047	0.047	5.30	0.25	0.25	01/15/16	DD	1
Trichlorofluoromethane	0.302	0.178	0.178	1.70	1.00	1.00	01/15/16	DD	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	01/15/16	DD	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	01/15/16	DD	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	108	%	%	108	%	%	01/15/16	DD	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

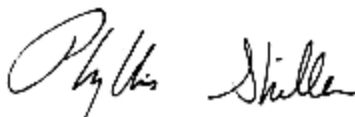
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

January 23, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

January 21, 2016

FOR: Attn: Mr.Chawnee Reilly
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 19635

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time
 01/14/16 17:47
 01/15/16 16:06

Laboratory Data

SDG ID: GBK53620
 Phoenix ID: BK53622

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG 16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	01/15/16	DD	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	01/15/16	DD	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	01/15/16	DD	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	01/15/16	DD	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	01/15/16	DD	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	01/15/16	DD	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	01/15/16	DD	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	01/15/16	DD	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	01/15/16	DD	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	01/15/16	DD	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	01/15/16	DD	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	01/15/16	DD	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1
Acetone	4.75	S 0.421	0.421	11.3	1.00	1.00	01/15/16	DD	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	01/15/16	DD	1
Benzene	1.12	0.313	0.313	3.58	1.00	1.00	01/15/16	DD	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	01/15/16	DD	1

Client ID: SG 16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	01/15/16	DD	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	01/15/16	DD	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	01/15/16	DD	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	01/15/16	DD	1
Carbon Tetrachloride	0.088	0.040	0.040	0.55	0.25	0.25	01/15/16	DD	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	01/15/16	DD	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	01/15/16	DD	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	01/15/16	DD	1
Chloromethane	0.500	0.485	0.485	1.03	1.00	1.00	01/15/16	DD	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	01/15/16	DD	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	01/15/16	DD	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	01/15/16	DD	1
Dichlorodifluoromethane	0.493	0.202	0.202	2.44	1.00	1.00	01/15/16	DD	1
Ethanol	4.48	S 0.531	0.531	8.44	1.00	1.00	01/15/16	DD	1
Ethyl acetate	1.90	0.278	0.278	6.84	1.00	1.00	01/15/16	DD	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	01/15/16	DD	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	01/15/16	DD	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	01/15/16	DD	1
Isopropylalcohol	4.26	S 0.407	0.407	10.5	1.00	1.00	01/15/16	DD	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1
m,p-Xylene	0.737	0.230	0.230	3.20	1.00	1.00	01/15/16	DD	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	01/15/16	DD	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	01/15/16	DD	1
Methylene Chloride	0.543	S 0.288	0.288	1.89	1.00	1.00	01/15/16	DD	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	01/15/16	DD	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	01/15/16	DD	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	01/15/16	DD	1
Tetrachloroethene	0.895	0.037	0.037	6.07	0.25	0.25	01/15/16	DD	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	01/15/16	DD	1
Toluene	0.945	0.266	0.266	3.56	1.00	1.00	01/15/16	DD	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	01/15/16	DD	1
Trichloroethene	2.41	0.047	0.047	12.9	0.25	0.25	01/15/16	DD	1
Trichlorofluoromethane	0.287	0.178	0.178	1.61	1.00	1.00	01/15/16	DD	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	01/15/16	DD	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	01/15/16	DD	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	104	%	%	104	%	%	01/15/16	DD	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

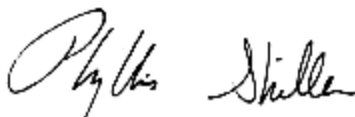
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

January 23, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

January 21, 2016

FOR: Attn: Mr.Chawnee Reilly
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13646

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date: 01/14/16 17:30
 01/15/16 16:06

Laboratory Data

SDG ID: GBK53620
 Phoenix ID: BK53623

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG 22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	01/15/16	DD	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	01/15/16	DD	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	01/15/16	DD	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	01/15/16	DD	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	01/15/16	DD	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	01/15/16	DD	1
1,2,4-Trimethylbenzene	0.346	0.204	0.204	1.70	1.00	1.00	01/15/16	DD	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	01/15/16	DD	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	01/15/16	DD	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	01/15/16	DD	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	01/15/16	DD	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	01/15/16	DD	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	01/15/16	DD	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1
Acetone	6.05	S 0.421	0.421	14.4	1.00	1.00	01/15/16	DD	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	01/15/16	DD	1
Benzene	1.06	0.313	0.313	3.38	1.00	1.00	01/15/16	DD	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	01/15/16	DD	1

Client ID: SG 22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	01/15/16	DD	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	01/15/16	DD	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	01/15/16	DD	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	01/15/16	DD	1
Carbon Tetrachloride	0.084	0.040	0.040	0.53	0.25	0.25	01/15/16	DD	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	01/15/16	DD	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	01/15/16	DD	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	01/15/16	DD	1
Chloromethane	0.485	0.485	0.485	1.00	1.00	1.00	01/15/16	DD	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	01/15/16	DD	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	01/15/16	DD	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	01/15/16	DD	1
Dichlorodifluoromethane	0.450	0.202	0.202	2.22	1.00	1.00	01/15/16	DD	1
Ethanol	4.09	S 0.531	0.531	7.70	1.00	1.00	01/15/16	DD	1
Ethyl acetate	9.12	0.278	0.278	32.8	1.00	1.00	01/15/16	DD	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	01/15/16	DD	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	01/15/16	DD	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	01/15/16	DD	1
Isopropylalcohol	3.89	S 0.407	0.407	9.6	1.00	1.00	01/15/16	DD	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1
m,p-Xylene	0.685	0.230	0.230	2.97	1.00	1.00	01/15/16	DD	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	01/15/16	DD	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	01/15/16	DD	1
Methylene Chloride	0.428	S 0.288	0.288	1.49	1.00	1.00	01/15/16	DD	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	01/15/16	DD	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	01/15/16	DD	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	01/15/16	DD	1
Tetrachloroethene	0.884	0.037	0.037	5.99	0.25	0.25	01/15/16	DD	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	01/15/16	DD	1
Toluene	1.64	0.266	0.266	6.18	1.00	1.00	01/15/16	DD	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	01/15/16	DD	1
Trichloroethene	2.31	0.047	0.047	12.4	0.25	0.25	01/15/16	DD	1
Trichlorofluoromethane	0.264	0.178	0.178	1.48	1.00	1.00	01/15/16	DD	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	01/15/16	DD	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	01/15/16	DD	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	108	%	%	108	%	%	01/15/16	DD	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

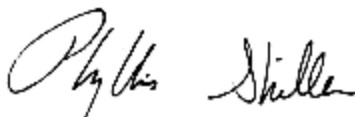
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

January 23, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 January 21, 2016

FOR: Attn: Mr.Chawniee Reilly
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 18851

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date Time
 01/14/16 17:33
 01/15/16 16:06

Laboratory Data

SDG ID: GBK53620
 Phoenix ID: BK53624

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: ADJACENT TO CARBON DISCHARGE

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	01/15/16	DD	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	01/15/16	DD	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	01/15/16	DD	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	01/15/16	DD	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	01/15/16	DD	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	01/15/16	DD	1	
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	01/15/16	DD	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	01/15/16	DD	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	01/15/16	DD	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	01/15/16	DD	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	01/15/16	DD	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	01/15/16	DD	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1	
Acetone	4.30	S 0.421	0.421	10.2	1.00	1.00	01/15/16	DD	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	01/15/16	DD	1	
Benzene	1.05	0.313	0.313	3.35	1.00	1.00	01/15/16	DD	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	01/15/16	DD	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	01/15/16	DD	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	01/15/16	DD	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	01/15/16	DD	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	01/15/16	DD	1
Carbon Tetrachloride	0.077	0.040	0.040	0.48	0.25	0.25	01/15/16	DD	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	01/15/16	DD	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	01/15/16	DD	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	01/15/16	DD	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	01/15/16	DD	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	01/15/16	DD	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	01/15/16	DD	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	01/15/16	DD	1
Dichlorodifluoromethane	0.467	0.202	0.202	2.31	1.00	1.00	01/15/16	DD	1
Ethanol	4.21	S 0.531	0.531	7.93	1.00	1.00	01/15/16	DD	1
Ethyl acetate	1.93	0.278	0.278	6.95	1.00	1.00	01/15/16	DD	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	01/15/16	DD	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	01/15/16	DD	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	01/15/16	DD	1
Isopropylalcohol	4.01	S 0.407	0.407	9.9	1.00	1.00	01/15/16	DD	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1
m,p-Xylene	0.386	0.230	0.230	1.68	1.00	1.00	01/15/16	DD	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	01/15/16	DD	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	01/15/16	DD	1
Methylene Chloride	0.441	S 0.288	0.288	1.53	1.00	1.00	01/15/16	DD	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	01/15/16	DD	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	01/15/16	DD	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	01/15/16	DD	1
Tetrachloroethene	0.885	0.037	0.037	6.00	0.25	0.25	01/15/16	DD	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	01/15/16	DD	1
Toluene	0.875	0.266	0.266	3.30	1.00	1.00	01/15/16	DD	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	01/15/16	DD	1
Trichloroethene	2.28	0.047	0.047	12.2	0.25	0.25	01/15/16	DD	1
Trichlorofluoromethane	0.280	0.178	0.178	1.57	1.00	1.00	01/15/16	DD	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	01/15/16	DD	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	01/15/16	DD	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	103	%	%	103	%	%	01/15/16	DD	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

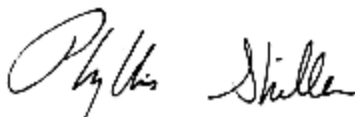
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

January 23, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

January 21, 2016

FOR: Attn: Mr.Chawnee Reilly
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13647

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date: 01/14/16 18:10
 01/15/16 16:06

Laboratory Data

SDG ID: GBK53620
 Phoenix ID: BK53625

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG 17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	01/15/16	DD	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	01/15/16	DD	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	01/15/16	DD	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	01/15/16	DD	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	01/15/16	DD	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	01/15/16	DD	1	
1,2,4-Trimethylbenzene	0.214	0.204	0.204	1.05	1.00	1.00	01/15/16	DD	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	01/15/16	DD	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	01/15/16	DD	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	01/15/16	DD	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	01/15/16	DD	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	01/15/16	DD	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	01/15/16	DD	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	01/15/16	DD	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1	
Acetone	5.48	S 0.421	0.421	13.0	1.00	1.00	01/15/16	DD	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	01/15/16	DD	1	
Benzene	0.948	0.313	0.313	3.03	1.00	1.00	01/15/16	DD	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	01/15/16	DD	1	

Client ID: SG 17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	01/15/16	DD	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	01/15/16	DD	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	01/15/16	DD	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	01/15/16	DD	1
Carbon Tetrachloride	0.085	0.040	0.040	0.53	0.25	0.25	01/15/16	DD	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	01/15/16	DD	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	01/15/16	DD	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	01/15/16	DD	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	01/15/16	DD	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	01/15/16	DD	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	01/15/16	DD	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	01/15/16	DD	1
Dichlorodifluoromethane	0.506	0.202	0.202	2.50	1.00	1.00	01/15/16	DD	1
Ethanol	2.96	S 0.531	0.531	5.57	1.00	1.00	01/15/16	DD	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	01/15/16	DD	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	01/15/16	DD	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	01/15/16	DD	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	01/15/16	DD	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	01/15/16	DD	1
Isopropylalcohol	2.82	S 0.407	0.407	6.93	1.00	1.00	01/15/16	DD	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	01/15/16	DD	1
m,p-Xylene	0.709	0.230	0.230	3.08	1.00	1.00	01/15/16	DD	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	01/15/16	DD	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	01/15/16	DD	1
Methylene Chloride	0.447	S 0.288	0.288	1.55	1.00	1.00	01/15/16	DD	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	01/15/16	DD	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	01/15/16	DD	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	01/15/16	DD	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	01/15/16	DD	1
Tetrachloroethene	1.08	0.037	0.037	7.32	0.25	0.25	01/15/16	DD	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	01/15/16	DD	1
Toluene	1.00	0.266	0.266	3.77	1.00	1.00	01/15/16	DD	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	01/15/16	DD	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	01/15/16	DD	1
Trichloroethene	2.46	0.047	0.047	13.2	0.25	0.25	01/15/16	DD	1
Trichlorofluoromethane	0.265	0.178	0.178	1.49	1.00	1.00	01/15/16	DD	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	01/15/16	DD	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	01/15/16	DD	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	103	%	%	103	%	%	01/15/16	DD	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

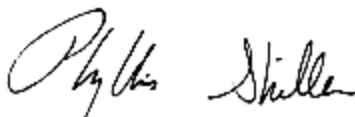
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

January 23, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

QA/QC Report

January 23, 2016

QA/QC Data

SDG I.D.: GBK53620

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 332717 (ppbv), QC Sample No: BK53620 (BK53620, BK53621, BK53622, BK53623, BK53624, BK53625)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	0.183	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	0.183	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	0.247	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	0.252	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	97	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	87	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	0.247	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	0.216	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	0.452	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	0.166	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	0.166	ND	1.00	91	2.12	2.37	0.352	0.394	11.3	70 - 130	20
1,4-Dioxane	ND	0.278	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	0.244	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	0.204	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	0.182	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	0.421	ND	1.00	99	16.3	16.5	6.87	6.97	1.4	70 - 130	20
Acrylonitrile	ND	0.461	ND	1.00	85	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	0.313	ND	1.00	99	25.2	24.8	7.88	7.78	1.3	70 - 130	20
Benzyl chloride	ND	0.193	ND	1.00	96	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	55	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	0.257	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	0.321	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	0.040	ND	0.25	107	0.50	0.47	0.079	0.074	6.5	70 - 130	20
Chlorobenzene	ND	0.217	ND	1.00	91	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	103	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	0.484	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	104	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	0.291	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	0.117	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	0.202	ND	1.00	111	2.22	2.37	0.450	0.480	6.5	70 - 130	20
Ethanol	ND	0.531	ND	1.00	91	14.1	14.4	7.51	7.63	1.6	70 - 130	20

QA/QC Data

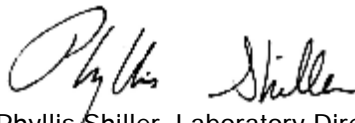
SDG I.D.: GBK53620

Parameter	Bik ppbv	Bik RL ppbv	Bik ug/m3	Bik 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	107	5.08	4.79	1.41	1.33	5.8	70 - 130	20
Ethylbenzene	ND	0.230	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	20
Heptane	ND	0.244	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
Hexachlorobutadiene	ND	0.094	ND	1.00	86	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	0.284	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
Isopropylalcohol	ND	0.407	ND	1.00	87	17.6	17.8	7.15	7.26	1.5	70 - 130	20
Isopropylbenzene	ND	0.204	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	0.230	ND	1.00	124	1.56	1.58	0.360	0.363	0.8	70 - 130	20
Methyl Ethyl Ketone	ND	0.339	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	0.288	ND	1.00	108	2.28 S	1.45 S	0.656 S	0.419 S	44.1	70 - 130	20
n-Butylbenzene	ND	0.182	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	0.230	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
Propylene	ND	0.581	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
sec-Butylbenzene	ND	0.182	ND	1.00	71	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	0.235	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	0.037	ND	0.25	97	3.86	3.87	0.569	0.571	0.4	70 - 130	20
Tetrahydrofuran	ND	0.339	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	0.266	ND	1.00	99	3.88	4.11	1.03	1.09	5.7	70 - 130	20
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	0.047	ND	0.25	97	7.04	6.93	1.31	1.29	1.5	70 - 130	20
Trichlorofluoromethane	ND	0.178	ND	1.00	112	1.78	1.63	0.317	0.291	8.6	70 - 130	20
Trichlorotrifluoroethane	ND	0.131	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	0.098	ND	0.25	104	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	115	%	115	%	104	104	108	104	108	3.8	70 - 130	20

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

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

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


 Phyllis Shiller, Laboratory Director
 January 23, 2016

Sample Criteria Exceedences Report

Criteria: None

GBK53620 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

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



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Telephone: 860/645-1107 • Fax: 860/645-0823

CHAIN OF CUSTODY RECORD

AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page 1 of 1

Data Delivery:

Fax #:

Email: creilly@ebcincny.com

Phone #:

Report to: Chawnic Reilly

Customer: EBC

Address:

Invoice to: EBC

Sampled by: Thomas Gallo

Project Name:

39-40 30th Street Queens NY

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)	THIS SECTION FOR LAB USE ONLY			Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	MATRIX		ANALYSES
								Canister ID #	Flow Regulator ID #	Flow Controller Setting (mL/min)						Grab (G) Composite (C)	SO ₂	
53620	Indoor Air Second Floor 03	487	6.0-30	3410	10.4	9:13	9:18	17:46	-30	-3	X							X
53621	Indoor Air Second Floor 04	220	6.0-30	4991		9:18	17:12	1-14-16	-30	-5	X							X
53622	SG 16	19635	6.0-30	3411		9:40	17:47	1-14-16	-30	-9	X							X
	Did Not Use	172	6.0-30	5042														
53623	SG 22	13646	6.0-30	3179		9:30	17:30	1-14-16	-29	-4	X							X
53624	Adjacent to Carbon Discharge	18851	6.0-30	4961		9:33	17:33	1-14-16	-30	-5	X							X
53625	SG 17	13647	6.0-30	3852		13:20	18:10	1-14-16	-30	-15	X							X
	Did Not Use	13636	6.0-30	3888														
	6.0 L 8hrs																	

Relinquished by:

Thomas Gallo

Accepted by:

Reilly

Date:

1-15-16

Time:

12:10

Data Format:

Excel PDF

Equis Other

GISKey

SPECIAL INSTRUCTIONS, OCCURRENCE, REGULATORY INFORMATION:

Canister ID # 172: Hg pressure did not decrease beyond 28.

Requested Criteria

ASP B Deliverables, EDD

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.

Quote Number:

Signature:

Date:

Phoenix Environmental Laboratories, Inc.		Lab Sample Id		BK69611				BK69612				BK69613				BK69614				BK69615				BK69616			
587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102		Collection Date		2/24/2016				2/24/2016				2/24/2016				2/24/2016				2/24/2016				2/24/2016			
Client Id		INDOOR AIR SECOND FLOOR 03				INDOOR AIR SECOND FLOOR 04				SG16				SG17				SG22				CARBON DISCHARGE					
Matrix		Air				Air				Air				Air				Air				Air					
Project Id : 39-40 30TH ST., QUEENS		CAS	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Volatiles (TO15) By TO15																											
1,1,1,2-Tetrachloroethane																											
630-20-6 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,1,1-Trichloroethane																											
71-55-6 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,1,2-Trichloroethane																											
79-34-5 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,1,2-Trichloroethane																											
79-00-5 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,1-Dichloroethane																											
75-34-3 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,1-Dichloroethane																											
75-35-4 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,2,4-Trichlorobenzene																											
120-82-1 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,2,4-Trichlorobenzene																											
95-63-6 ug/m3 1.04 1.00 U 1.00 1.05 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,2-Dibromoethane(DBP)																											
106-93-4 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,2-Dichlorobenzene																											
95-50-1 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,2-Dichlorobenzene																											
107-06-2 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,2-dichloropropane																											
78-87-5 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,2-Dichlorotetrafluoroethane																											
76-14-2 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,3,5-Trimethylbenzene																											
108-67-8 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,3-Butadiene																											
106-99-0 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,3-Dichlorobenzene																											
541-73-1 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,4-Dichlorobenzene																											
106-46-7 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
1,4-Dioxane																											
123-91-1 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
2-Hexanone(MBK)																											
591-78-6 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
4-Ethyltoluene																											
622-96-8 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
4-Isopropyltoluene																											
99-87-6 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
4-Methyl-2-pentanone(MIBK)																											
108-10-1 ug/m3 1.4 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Acetone																											
67-64-1 ug/m3 29.9 1.00 S 1.00 23.2 1.00 S 1.00 19.6 1.00 S 1.00 20.9 1.00 S 1.00 22.5 1.00 S 1.00 16.1 1.00 S 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Acrylonitrile																											
107-13-1 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Benzene																											
71-43-2 ug/m3 2.63 1.00 U 1.00 2.81 1.00 U 1.00 2.51 1.00 U 1.00 2.68 1.00 U 1.00 3 1.00 U 1.00 1.96 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Benzyl chloride																											
100-44-7 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Bromodichloromethane																											
75-27-4 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Bromofom																											
75-25-2 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Bromomethane																											
74-83-9 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Carbon Disulfide																											
75-15-0 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Carbon Tetrachloride																											
56-23-5 ug/m3 0.43 0.25 U 1.00 0.48 0.25 U 1.00 0.48 0.25 U 1.00 0.45 0.25 U 1.00 0.46 0.25 U 1.00 0.46 0.25 U 1.00 0.38 0.25 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Chlorobenzene																											
108-90-7 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Chloroethane																											
75-00-3 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Chloroform																											
67-65-3 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Chloromethane																											
74-87-3 ug/m3 1.63 1.00 U 1.00 1.76 1.00 U 1.00 1.66 1.00 U 1.00 1.83 1.00 U 1.00 1.86 1.00 U 1.00 1.6 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Cis-1,2-Dichloroethane																											
156-59-2 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Cis-1,3-Dichloropropene																											
10061-01-5 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Cyclohexane																											
110-82-7 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Dibromochloromethane																											
124-48-1 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Dichlorodifluoromethane																											
75-71-8 ug/m3 2.44 1.00 U 1.00 2.4 1.00 U 1.00 2.34 1.00 U 1.00 2.53 1.00 U 1.00 2.58 1.00 U 1.00 2.82 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Ethanol																											
64-17-5 ug/m3 448 1.00 ES 1.00 281 1.00 ES 1.00 152 1.00 ES 1.00 179 1.00 ES 1.00 230 1.00 ES 1.00 249 1.00 ES 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Ethyl acetate																											
141-78-6 ug/m3 1.71 1.00 U 1.00 1.72 1.00 U 1.00 1.12 1.00 U 1.00 1.01 1.00 U 1.00 1.43 1.00 U 1.00 1.15 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Ethylbenzene																											
100-41-4 ug/m3 1.02 1.00 U 1.00 1.06 1.00 U 1.00 1.03 1.00 U 1.00 1.1 1.00 U 1.00 1.51 1.00 U 1.00 1.48 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Heptane																											
142-82-5 ug/m3 3.08 1.00 U 1.00 3.8 1.00 U 1.00 3.8 1.00 U 1.00 3.38 1.00 U 1.00 3.54 1.00 U 1.00 3.19 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Hexachlorobutadiene																											
87-68-3 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Hexane																											
110-54-3 ug/m3 1.64 1.00 S 1.00 1.97 1.00 S 1.00 1.86 1.00 S 1.00 1.92 1.00 S 1.00 2.14 1.00 S 1.00 1.33 1.00 S 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Isopropylalcohol																											
67-63-0 ug/m3 29.5 1.00 S 1.00 18.8 1.00 S 1.00 26 1.00 S 1.00 27.5 1.00 S 1.00 31.7 1.00 S 1.00 16.7 1.00 S 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Isopropylbenzene																											
98-82-8 ug/m3 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
m,p-Xylene																											
179601-33-1 ug/m3 3.51 1.00 U 1.00 3.78 1.00 U 1.00 3.9 1.00 U 1.00 4.01 1.00 U 1.00 5.21 1.00 U 1.00 5.25 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00 < 1.00 1.00 U 1.00																											
Methyl Ethyl Ketone																											
78-93-3 ug/m3 1.21 1.00 U																											



Friday, March 04, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST., QUEENS
Sample ID#s: BK69611 - BK69616

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.

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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 ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 39-40 30TH ST., QUEENS
Laboratory Project: GBK69611



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

March 04, 2016

SDG I.D.: GBK69611

Environmental Business Consultants 39-40 30TH ST., QUEENS

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
INDOOR AIR SECOND FLOOR 0	BK69611	AIR
INDOOR AIR SECOND FLOOR 0	BK69612	AIR
SG16	BK69613	AIR
SG17	BK69614	AIR
SG22	BK69615	AIR
CARBON DISCHARGE	BK69616	AIR



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NY Analytical Services Protocol Format

March 04, 2016

SDG I.D.: GBK69611

Environmental Business Consultants 39-40 30TH ST., QUEENS

Laboratory Chronicle

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BK69611	Volatiles (TO15)	02/24/16	02/25/16	02/25/16	KCA	Y
BK69612	Volatiles (TO15)	02/24/16	02/25/16	02/25/16	KCA	Y
BK69613	Volatiles (TO15)	02/24/16	02/26/16	02/26/16	KCA	Y
BK69614	Volatiles (TO15)	02/24/16	02/26/16	02/26/16	KCA	Y
BK69615	Volatiles (TO15)	02/24/16	02/26/16	02/26/16	KCA	Y
BK69616	Volatiles (TO15)	02/24/16	02/26/16	02/26/16	KCA	Y



Environmental Laboratories, Inc.
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Analysis Report

March 04, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 486

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date: 02/24/16 17:26
 02/25/16 15:33

Laboratory Data

SDG ID: GBK69611
 Phoenix ID: BK69611

Project ID: 39-40 30TH ST., QUEENS
 Client ID: INDOOR AIR SECOND FLOOR 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/25/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/25/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/25/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/25/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/25/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/25/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	02/25/16	KCA	1
1,2,4-Trimethylbenzene	0.211	0.204	0.204	1.04	1.00	1.00	02/25/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	02/25/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/25/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/25/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	02/25/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	02/25/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/25/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	02/25/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/25/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/25/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	02/25/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	02/25/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	02/25/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	02/25/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.343	0.244	0.244	1.40	1.00	1.00	02/25/16	KCA	1
Acetone	12.6	S 0.421	0.421	29.9	1.00	1.00	02/25/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	02/25/16	KCA	1
Benzene	0.823	0.313	0.313	2.63	1.00	1.00	02/25/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	02/25/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	02/25/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	02/25/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	02/25/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	02/25/16	KCA	1
Carbon Tetrachloride	0.068	0.040	0.040	0.43	0.25	0.25	02/25/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	02/25/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	02/25/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	02/25/16	KCA	1
Chloromethane	0.791	0.485	0.485	1.63	1.00	1.00	02/25/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/25/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/25/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	02/25/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	02/25/16	KCA	1
Dichlorodifluoromethane	0.494	0.202	0.202	2.44	1.00	1.00	02/25/16	KCA	1
Ethanol	238	ES 0.531	0.531	448	1.00	1.00	02/25/16	KCA	1
Ethyl acetate	0.474	0.278	0.278	1.71	1.00	1.00	02/25/16	KCA	1
Ethylbenzene	0.234	0.230	0.230	1.02	1.00	1.00	02/25/16	KCA	1
Heptane	0.752	0.244	0.244	3.08	1.00	1.00	02/25/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	02/25/16	KCA	1
Hexane	0.465	S 0.284	0.284	1.64	1.00	1.00	02/25/16	KCA	1
Isopropylalcohol	12.0	S 0.407	0.407	29.5	1.00	1.00	02/25/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/25/16	KCA	1
m,p-Xylene	0.808	0.230	0.230	3.51	1.00	1.00	02/25/16	KCA	1
Methyl Ethyl Ketone	0.409	0.339	0.339	1.21	1.00	1.00	02/25/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	02/25/16	KCA	1
Methylene Chloride	0.570	S 0.288	0.288	1.98	1.00	1.00	02/25/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/25/16	KCA	1
o-Xylene	0.253	0.230	0.230	1.10	1.00	1.00	02/25/16	KCA	1
Propylene	2.50	0.581	0.581	4.30	1.00	1.00	02/25/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/25/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	02/25/16	KCA	1
Tetrachloroethene	2.81	0.037	0.037	19.0	0.25	0.25	02/25/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	02/25/16	KCA	1
Toluene	1.58	0.266	0.266	5.95	1.00	1.00	02/25/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/25/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/25/16	KCA	1
Trichloroethene	4.42	0.047	0.047	23.7	0.25	0.25	02/25/16	KCA	1
Trichlorofluoromethane	0.346	0.178	0.178	1.94	1.00	1.00	02/25/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	02/25/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	02/25/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	103	%	%	103	%	%	02/25/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

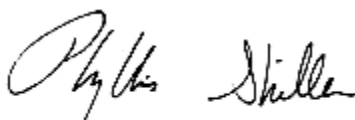
Comments:

E = Estimated value quantitated above calibration range for this compound.

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 04, 2016

Reviewed and Released by: Jon Carlson, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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Analysis Report

March 04, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13646

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date: 02/24/16 16:43
 02/25/16 15:33

Laboratory Data

SDG ID: GBK69611
 Phoenix ID: BK69612

Project ID: 39-40 30TH ST., QUEENS
 Client ID: INDOOR AIR SECOND FLOOR 04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/25/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/25/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/25/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/25/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/25/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/25/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	02/25/16	KCA	1	
1,2,4-Trimethylbenzene	0.213	0.204	0.204	1.05	1.00	1.00	02/25/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	02/25/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/25/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/25/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	02/25/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	02/25/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/25/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	02/25/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/25/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/25/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	02/25/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	02/25/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	02/25/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	02/25/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	02/25/16	KCA	1	
Acetone	9.78	S 0.421	0.421	23.2	1.00	1.00	02/25/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	02/25/16	KCA	1	
Benzene	0.879	0.313	0.313	2.81	1.00	1.00	02/25/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	02/25/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	02/25/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	02/25/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	02/25/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	02/25/16	KCA	1
Carbon Tetrachloride	0.077	0.040	0.040	0.48	0.25	0.25	02/25/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	02/25/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	02/25/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	02/25/16	KCA	1
Chloromethane	0.855	0.485	0.485	1.76	1.00	1.00	02/25/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/25/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/25/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	02/25/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	02/25/16	KCA	1
Dichlorodifluoromethane	0.485	0.202	0.202	2.40	1.00	1.00	02/25/16	KCA	1
Ethanol	149	ES 0.531	0.531	281	1.00	1.00	02/25/16	KCA	1
Ethyl acetate	0.478	0.278	0.278	1.72	1.00	1.00	02/25/16	KCA	1
Ethylbenzene	0.245	0.230	0.230	1.06	1.00	1.00	02/25/16	KCA	1
Heptane	0.439	0.244	0.244	1.80	1.00	1.00	02/25/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	02/25/16	KCA	1
Hexane	0.558	S 0.284	0.284	1.97	1.00	1.00	02/25/16	KCA	1
Isopropylalcohol	7.66	S 0.407	0.407	18.8	1.00	1.00	02/25/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/25/16	KCA	1
m,p-Xylene	0.870	0.230	0.230	3.78	1.00	1.00	02/25/16	KCA	1
Methyl Ethyl Ketone	0.403	0.339	0.339	1.19	1.00	1.00	02/25/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	02/25/16	KCA	1
Methylene Chloride	0.661	S 0.288	0.288	2.29	1.00	1.00	02/25/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/25/16	KCA	1
o-Xylene	0.264	0.230	0.230	1.15	1.00	1.00	02/25/16	KCA	1
Propylene	2.75	0.581	0.581	4.73	1.00	1.00	02/25/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/25/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	02/25/16	KCA	1
Tetrachloroethene	3.15	0.037	0.037	21.4	0.25	0.25	02/25/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	02/25/16	KCA	1
Toluene	1.60	0.266	0.266	6.03	1.00	1.00	02/25/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/25/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/25/16	KCA	1
Trichloroethene	5.38	0.047	0.047	28.9	0.25	0.25	02/25/16	KCA	1
Trichlorofluoromethane	0.293	0.178	0.178	1.65	1.00	1.00	02/25/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	02/25/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	02/25/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	99	%	%	99	%	%	02/25/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

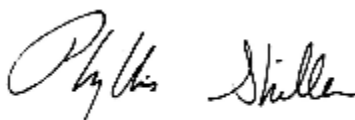
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

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 04, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

March 04, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 11290

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date: 02/24/16 17:22
 02/25/16 15:33

Laboratory Data

SDG ID: GBK69611
 Phoenix ID: BK69613

Project ID: 39-40 30TH ST., QUEENS
 Client ID: SG16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/26/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/26/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/26/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/26/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/26/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/26/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	02/26/16	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/26/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	02/26/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/26/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/26/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	02/26/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	02/26/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/26/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	02/26/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/26/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/26/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	02/26/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	02/26/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	02/26/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	02/26/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	02/26/16	KCA	1	
Acetone	8.25	S 0.421	0.421	19.6	1.00	1.00	02/26/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	02/26/16	KCA	1	
Benzene	0.785	0.313	0.313	2.51	1.00	1.00	02/26/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	02/26/16	KCA	1	

Client ID: SG16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	02/26/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	02/26/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	02/26/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	02/26/16	KCA	1
Carbon Tetrachloride	0.076	0.040	0.040	0.48	0.25	0.25	02/26/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	02/26/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	02/26/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	02/26/16	KCA	1
Chloromethane	0.805	0.485	0.485	1.66	1.00	1.00	02/26/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/26/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/26/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	02/26/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	02/26/16	KCA	1
Dichlorodifluoromethane	0.474	0.202	0.202	2.34	1.00	1.00	02/26/16	KCA	1
Ethanol	80.8	ES 0.531	0.531	152	1.00	1.00	02/26/16	KCA	1
Ethyl acetate	0.310	0.278	0.278	1.12	1.00	1.00	02/26/16	KCA	1
Ethylbenzene	0.238	0.230	0.230	1.03	1.00	1.00	02/26/16	KCA	1
Heptane	0.362	0.244	0.244	1.48	1.00	1.00	02/26/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	02/26/16	KCA	1
Hexane	0.529	S 0.284	0.284	1.86	1.00	1.00	02/26/16	KCA	1
Isopropylalcohol	10.6	S 0.407	0.407	26.0	1.00	1.00	02/26/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/26/16	KCA	1
m,p-Xylene	0.899	0.230	0.230	3.90	1.00	1.00	02/26/16	KCA	1
Methyl Ethyl Ketone	0.352	0.339	0.339	1.04	1.00	1.00	02/26/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	02/26/16	KCA	1
Methylene Chloride	0.718	S 0.288	0.288	2.49	1.00	1.00	02/26/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/26/16	KCA	1
o-Xylene	0.250	0.230	0.230	1.08	1.00	1.00	02/26/16	KCA	1
Propylene	2.74	0.581	0.581	4.71	1.00	1.00	02/26/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/26/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	02/26/16	KCA	1
Tetrachloroethene	3.17	0.037	0.037	21.5	0.25	0.25	02/26/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	02/26/16	KCA	1
Toluene	1.67	0.266	0.266	6.29	1.00	1.00	02/26/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/26/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/26/16	KCA	1
Trichloroethene	5.07	0.047	0.047	27.2	0.25	0.25	02/26/16	KCA	1
Trichlorofluoromethane	0.267	0.178	0.178	1.50	1.00	1.00	02/26/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	02/26/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	02/26/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	98	%	%	98	%	%	02/26/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

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 04, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

March 04, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13637

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date: 02/24/16 16:24
 02/25/16 15:33

Laboratory Data

SDG ID: GBK69611
 Phoenix ID: BK69614

Project ID: 39-40 30TH ST., QUEENS
 Client ID: SG17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/26/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/26/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/26/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/26/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/26/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/26/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	02/26/16	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/26/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	02/26/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/26/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/26/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	02/26/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	02/26/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/26/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	02/26/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/26/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/26/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	02/26/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	02/26/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	02/26/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	02/26/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	02/26/16	KCA	1
Acetone	8.80	S 0.421	0.421	20.9	1.00	1.00	02/26/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	02/26/16	KCA	1
Benzene	0.839	0.313	0.313	2.68	1.00	1.00	02/26/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	02/26/16	KCA	1

Client ID: SG17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	02/26/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	02/26/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	02/26/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	02/26/16	KCA	1
Carbon Tetrachloride	0.072	0.040	0.040	0.45	0.25	0.25	02/26/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	02/26/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	02/26/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	02/26/16	KCA	1
Chloromethane	0.886	0.485	0.485	1.83	1.00	1.00	02/26/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/26/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/26/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	02/26/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	02/26/16	KCA	1
Dichlorodifluoromethane	0.511	0.202	0.202	2.53	1.00	1.00	02/26/16	KCA	1
Ethanol	94.8	ES 0.531	0.531	179	1.00	1.00	02/26/16	KCA	1
Ethyl acetate	0.281	0.278	0.278	1.01	1.00	1.00	02/26/16	KCA	1
Ethylbenzene	0.254	0.230	0.230	1.10	1.00	1.00	02/26/16	KCA	1
Heptane	0.336	0.244	0.244	1.38	1.00	1.00	02/26/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	02/26/16	KCA	1
Hexane	0.545	S 0.284	0.284	1.92	1.00	1.00	02/26/16	KCA	1
Isopropylalcohol	11.2	S 0.407	0.407	27.5	1.00	1.00	02/26/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/26/16	KCA	1
m,p-Xylene	0.925	0.230	0.230	4.01	1.00	1.00	02/26/16	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	02/26/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	02/26/16	KCA	1
Methylene Chloride	0.689	S 0.288	0.288	2.39	1.00	1.00	02/26/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/26/16	KCA	1
o-Xylene	0.262	0.230	0.230	1.14	1.00	1.00	02/26/16	KCA	1
Propylene	3.06	0.581	0.581	5.26	1.00	1.00	02/26/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/26/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	02/26/16	KCA	1
Tetrachloroethene	3.61	0.037	0.037	24.5	0.25	0.25	02/26/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	02/26/16	KCA	1
Toluene	1.71	0.266	0.266	6.44	1.00	1.00	02/26/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/26/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/26/16	KCA	1
Trichloroethene	6.69	0.047	0.047	35.9	0.25	0.25	02/26/16	KCA	1
Trichlorofluoromethane	0.293	0.178	0.178	1.65	1.00	1.00	02/26/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	02/26/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	02/26/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	98	%	%	98	%	%	02/26/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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:

E = Estimated value quantitated above calibration range for this compound.

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 04, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

March 04, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 365

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date: 02/24/16 17:03
 02/25/16 15:33

Laboratory Data

SDG ID: GBK69611
 Phoenix ID: BK69615

Project ID: 39-40 30TH ST., QUEENS
 Client ID: SG22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/26/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/26/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/26/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/26/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/26/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/26/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	02/26/16	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/26/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	02/26/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/26/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/26/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	02/26/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	02/26/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/26/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	02/26/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/26/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/26/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	02/26/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	02/26/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	02/26/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	02/26/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	02/26/16	KCA	1	
Acetone	9.47	S 0.421	0.421	22.5	1.00	1.00	02/26/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	02/26/16	KCA	1	
Benzene	0.940	0.313	0.313	3.00	1.00	1.00	02/26/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	02/26/16	KCA	1	

Client ID: SG22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	02/26/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	02/26/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	02/26/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	02/26/16	KCA	1
Carbon Tetrachloride	0.073	0.040	0.040	0.46	0.25	0.25	02/26/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	02/26/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	02/26/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	02/26/16	KCA	1
Chloromethane	0.900	0.485	0.485	1.86	1.00	1.00	02/26/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/26/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/26/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	02/26/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	02/26/16	KCA	1
Dichlorodifluoromethane	0.522	0.202	0.202	2.58	1.00	1.00	02/26/16	KCA	1
Ethanol	122	ES 0.531	0.531	230	1.00	1.00	02/26/16	KCA	1
Ethyl acetate	0.397	0.278	0.278	1.43	1.00	1.00	02/26/16	KCA	1
Ethylbenzene	0.348	0.230	0.230	1.51	1.00	1.00	02/26/16	KCA	1
Heptane	0.375	0.244	0.244	1.54	1.00	1.00	02/26/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	02/26/16	KCA	1
Hexane	0.608	S 0.284	0.284	2.14	1.00	1.00	02/26/16	KCA	1
Isopropylalcohol	12.9	S 0.407	0.407	31.7	1.00	1.00	02/26/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/26/16	KCA	1
m,p-Xylene	1.20	0.230	0.230	5.21	1.00	1.00	02/26/16	KCA	1
Methyl Ethyl Ketone	0.374	0.339	0.339	1.10	1.00	1.00	02/26/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	02/26/16	KCA	1
Methylene Chloride	0.764	S 0.288	0.288	2.65	1.00	1.00	02/26/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/26/16	KCA	1
o-Xylene	0.308	0.230	0.230	1.34	1.00	1.00	02/26/16	KCA	1
Propylene	2.98	0.581	0.581	5.13	1.00	1.00	02/26/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/26/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	02/26/16	KCA	1
Tetrachloroethene	3.32	0.037	0.037	22.5	0.25	0.25	02/26/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	02/26/16	KCA	1
Toluene	1.96	0.266	0.266	7.38	1.00	1.00	02/26/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/26/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/26/16	KCA	1
Trichloroethene	6.03	0.047	0.047	32.4	0.25	0.25	02/26/16	KCA	1
Trichlorofluoromethane	0.264	0.178	0.178	1.48	1.00	1.00	02/26/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	02/26/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	02/26/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	96	%	%	96	%	%	02/26/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

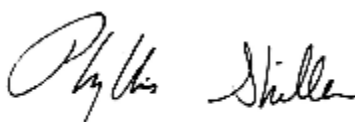
Comments:

E = Estimated value quantitated above calibration range for this compound.

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 04, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

March 04, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 477

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date: 02/24/16 17:18
 02/25/16 15:33

Laboratory Data

SDG ID: GBK69611
 Phoenix ID: BK69616

Project ID: 39-40 30TH ST., QUEENS
 Client ID: CARBON DISCHARGE

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/26/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/26/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/26/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/26/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/26/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/26/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	02/26/16	KCA	1	
1,2,4-Trimethylbenzene	1.14	0.204	0.204	5.60	1.00	1.00	02/26/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	02/26/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/26/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/26/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	02/26/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	02/26/16	KCA	1	
1,3,5-Trimethylbenzene	0.276	0.204	0.204	1.36	1.00	1.00	02/26/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	02/26/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/26/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/26/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	02/26/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	02/26/16	KCA	1	1
4-Ethyltoluene	0.206	0.204	0.204	1.01	1.00	1.00	02/26/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	02/26/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	02/26/16	KCA	1	
Acetone	6.78	S 0.421	0.421	16.1	1.00	1.00	02/26/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	02/26/16	KCA	1	
Benzene	0.615	0.313	0.313	1.96	1.00	1.00	02/26/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	02/26/16	KCA	1	

Client ID: CARBON DISCHARGE

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	02/26/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	02/26/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	02/26/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	02/26/16	KCA	1
Carbon Tetrachloride	0.061	0.040	0.040	0.38	0.25	0.25	02/26/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	02/26/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	02/26/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	02/26/16	KCA	1
Chloromethane	0.776	0.485	0.485	1.60	1.00	1.00	02/26/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/26/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/26/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	02/26/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	02/26/16	KCA	1
Dichlorodifluoromethane	0.571	0.202	0.202	2.82	1.00	1.00	02/26/16	KCA	1
Ethanol	132	ES 0.531	0.531	249	1.00	1.00	02/26/16	KCA	1
Ethyl acetate	0.319	0.278	0.278	1.15	1.00	1.00	02/26/16	KCA	1
Ethylbenzene	0.330	0.230	0.230	1.43	1.00	1.00	02/26/16	KCA	1
Heptane	2.90	0.244	0.244	11.9	1.00	1.00	02/26/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	02/26/16	KCA	1
Hexane	0.378	S 0.284	0.284	1.33	1.00	1.00	02/26/16	KCA	1
Isopropylalcohol	6.78	S 0.407	0.407	16.7	1.00	1.00	02/26/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/26/16	KCA	1
m,p-Xylene	1.21	0.230	0.230	5.25	1.00	1.00	02/26/16	KCA	1
Methyl Ethyl Ketone	3.13	0.339	0.339	9.23	1.00	1.00	02/26/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	02/26/16	KCA	1
Methylene Chloride	0.562	S 0.288	0.288	1.95	1.00	1.00	02/26/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/26/16	KCA	1
o-Xylene	0.360	0.230	0.230	1.56	1.00	1.00	02/26/16	KCA	1
Propylene	4.70	0.581	0.581	8.08	1.00	1.00	02/26/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/26/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	02/26/16	KCA	1
Tetrachloroethene	2.12	0.037	0.037	14.4	0.25	0.25	02/26/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	02/26/16	KCA	1
Toluene	3.86	0.266	0.266	14.5	1.00	1.00	02/26/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/26/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/26/16	KCA	1
Trichloroethene	4.18	0.047	0.047	22.4	0.25	0.25	02/26/16	KCA	1
Trichlorofluoromethane	ND	0.178	0.178	ND	1.00	1.00	02/26/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	02/26/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	02/26/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	99	%	%	99	%	%	02/26/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

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 04, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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QA/QC Report

March 04, 2016

QA/QC Data

SDG I.D.: GBK69611

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 336256 (ppbv), QC Sample No: BK69611 (BK69611, BK69612, BK69613, BK69614, BK69615, BK69616)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	95	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	85	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	0.183	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	0.247	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	0.252	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	126	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	101	1.04	1.13	0.211	0.229	8.2	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	86	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	0.247	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	0.216	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	0.452	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	0.166	ND	1.00	86	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	0.166	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	0.278	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	0.244	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	0.204	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	0.182	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	105	1.40	1.33	0.343	0.326	5.1	70 - 130	20
Acetone	ND	0.421	ND	1.00	82	29.9	29.7	12.6	12.5	0.8	70 - 130	20
Acrylonitrile	ND	0.461	ND	1.00	86	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	0.313	ND	1.00	96	2.63	2.61	0.823	0.817	0.7	70 - 130	20
Benzyl chloride	ND	0.193	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	0.149	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	0.097	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	0.257	ND	1.00	84	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	0.321	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	0.040	ND	0.25	94	0.43	0.45	0.068	0.071	4.3	70 - 130	20
Chlorobenzene	ND	0.217	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	0.379	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	0.205	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	0.484	ND	1.00	90	1.63	1.68	0.791	0.814	2.9	70 - 130	20
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	99	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	0.291	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	0.117	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	0.202	ND	1.00	96	2.44	2.35	0.494	0.476	3.7	70 - 130	20
Ethanol	ND	0.531	ND	1.00	86	448	452	238	240	0.8	70 - 130	20

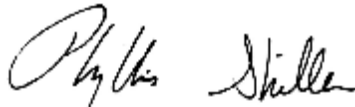
QA/QC Data

SDG I.D.: GBK69611

Parameter	Bik ppbv	Bik RL ppbv	Bik ug/m3	Bik 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	99	1.71	1.76	0.474	0.488	2.9	70 - 130	20
Ethylbenzene	ND	0.230	ND	1.00	107	1.02	1.04	0.234	0.240	2.5	70 - 130	20
Heptane	ND	0.244	ND	1.00	103	3.08	3.15	0.752	0.770	2.4	70 - 130	20
Hexachlorobutadiene	ND	0.094	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	0.284	ND	1.00	106	1.64 S	1.68 S	0.465 S	0.478 S	2.8	70 - 130	20
Isopropylalcohol	ND	0.407	ND	1.00	108	29.5	26.8	12.0	10.9	9.6	70 - 130	20
Isopropylbenzene	ND	0.204	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	0.230	ND	1.00	106	3.51	3.61	0.808	0.833	3.0	70 - 130	20
Methyl Ethyl Ketone	ND	0.339	ND	1.00	96	1.21	1.39	0.409	0.470	13.9	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	0.288	ND	1.00	91	1.98 S	1.92 S	0.570 S	0.553 S	3.0	70 - 130	20
n-Butylbenzene	ND	0.182	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	0.230	ND	1.00	102	1.10	1.09	0.253	0.252	0.4	70 - 130	20
Propylene	ND	0.581	ND	1.00	94	4.30	4.44	2.50	2.58	3.1	70 - 130	20
sec-Butylbenzene	ND	0.182	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	0.235	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	0.037	ND	0.25	92	19.0	19.6	2.81	2.89	2.8	70 - 130	20
Tetrahydrofuran	ND	0.339	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	0.266	ND	1.00	103	5.95	5.99	1.58	1.59	0.6	70 - 130	20
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	0.047	ND	0.25	91	23.7	23.8	4.42	4.43	0.2	70 - 130	20
Trichlorofluoromethane	ND	0.178	ND	1.00	83	1.94	1.94	0.346	0.345	0.3	70 - 130	20
Trichlorotrifluoroethane	ND	0.131	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	0.098	ND	0.25	88	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	109	%	109	%	102	103	103	103	103	0.0	70 - 130	20

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 04, 2016

Sample Criteria Exceedences Report

GBK69611 - EBC

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

*** No Data to Display ***

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



CHAIN OF CUSTODY RECORD
AIR ANALYSES
 800-827-5426
 email: greg@phoenixlabs.com



P.O. # _____ Page _____ of _____
 Data Delivery: _____
 Fax #: _____
 Email: File
 Phone #: _____

Report to: _____ Invoice to: EBC

Customer: EBC Project Name: 39-40 30th Street Queens NY

Address: _____ Requested Deliverable: RCP ASP CAT B

MCP NJ Deliverables

Sampled by: Thomas Gallo State where samples collected: NY

Phoenix ID #	Client Sample ID	THIS SECTION FOR LAB USE ONLY										MATRIX			ANALYSES		
		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
69611	Indoor Air Second Floor 03	480	6.0	-30	-4	5000	10.4	10:23	17:26	2-24	-30	-7	X			X	
69612	Indoor Air Second Floor 04	13646	6.0	-30	-5	3410		10:26	16:43	2-24	-29	-6	X			X	
69613	SG 16	11290	6.0	-30	-6	4991		10:05	17:22	2-24	-30	-7	X			X	
69614	SG 17	13037	6.0	-30	-7	3188		10:08	16:27	2-24	-30	-7	X			X	
69615	SG 22	365	6.0	-30	-6	3249		10:11	17:03	2-24	-30	-7	X			X	
69616	Carbon Discharge	477	6.0	-30	-5	3411		10:18	17:18	2-24	-30	-6	X			X	
	Did Not Use	230	6.0	-30		4499											
	Did Not Use	12854	6.0	-30		5007											
	6.0 8hrs																

Relinquished by: Thomas Gallo Date: 2-25-16 Time: 10:06

Accepted by: Paradine Date: 2-25-16 Time: 1533

Requested Criteria: _____

Requested Deliverable: ASP B Deliverables, NY EZ EDD

Data Format: Excel Equis GISKey
 PDF Other: _____

Signature: _____ Date: _____

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.



Friday, April 29, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST QUEENS NY
Sample ID#s: BN16773 - BN16779

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.

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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 ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 39-40 30TH ST QUEENS NY
Laboratory Project: GBN16773



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

April 29, 2016

SDG I.D.: GBN16773

Environmental Business Consultants 39-40 30TH ST QUEENS NY

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
INDOOR AIR SECOND FLOOR 0	BN16773	AIR
INDOOR AIR SECOND FLOOR 0	BN16774	AIR
SG 16	BN16775	AIR
SG 17	BN16776	AIR
SG 22	BN16777	AIR
CARBON DISCHARGE	BN16778	AIR
ELEVATOR PIT	BN16779	AIR



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

April 29, 2016

SDG I.D.: GBN16773

Environmental Business Consultants 39-40 30TH ST QUEENS NY

Laboratory Chronicle

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BN16773	Volatiles (TO15)	04/19/16	04/21/16	04/21/16	KCA	Y



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



SDG Comments

April 29, 2016

SDG I.D.: GBN16773

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.



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

Analysis Report

April 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 457

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date: 04/19/16 17:21
 04/20/16 16:04

Laboratory Data

SDG ID: GBN16773
 Phoenix ID: BN16773

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLOOR 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	04/21/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	04/21/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	04/21/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	04/21/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	04/21/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	04/21/16	KCA	1	
1,2,4-Trimethylbenzene	0.315	0.204	0.204	1.55	1.00	1.00	04/21/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	04/21/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	04/21/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	04/21/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	04/21/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	04/21/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	04/21/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	04/21/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	04/21/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	04/21/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	04/21/16	KCA	1	
Acetone	11.9	0.421	0.421	28.3	1.00	1.00	04/21/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	04/21/16	KCA	1	
Benzene	0.465	0.313	0.313	1.48	1.00	1.00	04/21/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	04/21/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	04/21/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	04/21/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	04/21/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	04/21/16	KCA	1
Carbon Tetrachloride	0.066	0.040	0.040	0.41	0.25	0.25	04/21/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	04/21/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	04/21/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	04/21/16	KCA	1
Chloromethane	0.705	0.485	0.485	1.45	1.00	1.00	04/21/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	04/21/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	04/21/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	04/21/16	KCA	1
Dichlorodifluoromethane	0.491	0.202	0.202	2.43	1.00	1.00	04/21/16	KCA	1
Ethanol	250	E 0.531	0.531	471	1.00	1.00	04/21/16	KCA	1
Ethyl acetate	0.552	0.278	0.278	1.99	1.00	1.00	04/21/16	KCA	1
Ethylbenzene	0.252	0.230	0.230	1.09	1.00	1.00	04/21/16	KCA	1
Heptane	0.424	0.244	0.244	1.74	1.00	1.00	04/21/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	04/21/16	KCA	1
Hexane	0.573	S 0.284	0.284	2.02	1.00	1.00	04/21/16	KCA	1
Isopropylalcohol	6.52	0.407	0.407	16.0	1.00	1.00	04/21/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	04/21/16	KCA	1
m,p-Xylene	0.914	0.230	0.230	3.97	1.00	1.00	04/21/16	KCA	1
Methyl Ethyl Ketone	0.954	0.339	0.339	2.81	1.00	1.00	04/21/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	04/21/16	KCA	1
Methylene Chloride	0.507	S 0.288	0.288	1.76	1.00	1.00	04/21/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1
o-Xylene	0.310	0.230	0.230	1.35	1.00	1.00	04/21/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	04/21/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	04/21/16	KCA	1
Tetrachloroethene	1.25	0.037	0.037	8.47	0.25	0.25	04/21/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	04/21/16	KCA	1
Toluene	1.66	0.266	0.266	6.25	1.00	1.00	04/21/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	04/21/16	KCA	1
Trichloroethene	0.654	0.047	0.047	3.51	0.25	0.25	04/21/16	KCA	1
Trichlorofluoromethane	0.327	0.178	0.178	1.84	1.00	1.00	04/21/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	04/21/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	04/21/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	04/21/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

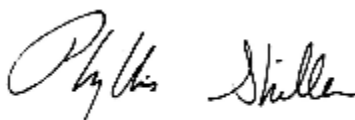
Comments:

E = Estimated value quantitated above calibration range for this compound.

S - Laboratory solvent, contamination is possible.

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

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

April 29, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

April 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 493

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date

04/19/16
 04/20/16

Time

17:30
 16:04

Laboratory Data

SDG ID: GBN16773
 Phoenix ID: BN16774

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLOOR 04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	04/21/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	04/21/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	04/21/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	04/21/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	04/21/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	04/21/16	KCA	1	
1,2,4-Trimethylbenzene	0.417	0.204	0.204	2.05	1.00	1.00	04/21/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	04/21/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	04/21/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	04/21/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	04/21/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	04/21/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	04/21/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	04/21/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	04/21/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	04/21/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	04/21/16	KCA	1	
Acetone	11.9	0.421	0.421	28.3	1.00	1.00	04/21/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	04/21/16	KCA	1	
Benzene	0.423	0.313	0.313	1.35	1.00	1.00	04/21/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	04/21/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	04/21/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	04/21/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	04/21/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	04/21/16	KCA	1
Carbon Tetrachloride	0.071	0.040	0.040	0.45	0.25	0.25	04/21/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	04/21/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	04/21/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	04/21/16	KCA	1
Chloromethane	0.652	0.485	0.485	1.35	1.00	1.00	04/21/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	04/21/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	04/21/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	04/21/16	KCA	1
Dichlorodifluoromethane	0.521	0.202	0.202	2.57	1.00	1.00	04/21/16	KCA	1
Ethanol	211	E 0.531	0.531	397	1.00	1.00	04/21/16	KCA	1
Ethyl acetate	0.671	0.278	0.278	2.42	1.00	1.00	04/21/16	KCA	1
Ethylbenzene	0.318	0.230	0.230	1.38	1.00	1.00	04/21/16	KCA	1
Heptane	0.448	0.244	0.244	1.83	1.00	1.00	04/21/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	04/21/16	KCA	1
Hexane	0.804	S 0.284	0.284	2.83	1.00	1.00	04/21/16	KCA	1
Isopropylalcohol	5.30	0.407	0.407	13.0	1.00	1.00	04/21/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	04/21/16	KCA	1
m,p-Xylene	1.14	0.230	0.230	4.95	1.00	1.00	04/21/16	KCA	1
Methyl Ethyl Ketone	0.900	0.339	0.339	2.65	1.00	1.00	04/21/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	04/21/16	KCA	1
Methylene Chloride	0.755	S 0.288	0.288	2.62	1.00	1.00	04/21/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1
o-Xylene	0.371	0.230	0.230	1.61	1.00	1.00	04/21/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	04/21/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	04/21/16	KCA	1
Tetrachloroethene	1.10	0.037	0.037	7.46	0.25	0.25	04/21/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	04/21/16	KCA	1
Toluene	2.03	0.266	0.266	7.65	1.00	1.00	04/21/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	04/21/16	KCA	1
Trichloroethene	0.991	0.047	0.047	5.32	0.25	0.25	04/21/16	KCA	1
Trichlorofluoromethane	0.338	0.178	0.178	1.90	1.00	1.00	04/21/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	04/21/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	04/21/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	04/21/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

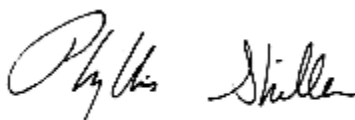
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

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

April 29, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

April 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 11291

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date: 04/19/16 17:45
 04/20/16 16:04

Laboratory Data

SDG ID: GBN16773
 Phoenix ID: BN16775

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG 16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	04/21/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	04/21/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	04/21/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	04/21/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	04/21/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	04/21/16	KCA	1	
1,2,4-Trimethylbenzene	2.12	0.204	0.204	10.4	1.00	1.00	04/21/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	04/21/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	04/21/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	04/21/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	04/21/16	KCA	1	
1,3,5-Trimethylbenzene	0.695	0.204	0.204	3.41	1.00	1.00	04/21/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	04/21/16	KCA	1	
1,3-Dichlorobenzene	0.600	0.166	0.166	3.61	1.00	1.00	04/21/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	04/21/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	04/21/16	KCA	1	1
4-Ethyltoluene	0.644	0.204	0.204	3.16	1.00	1.00	04/21/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	04/21/16	KCA	1	
Acetone	14.6	0.421	0.421	34.7	1.00	1.00	04/21/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	04/21/16	KCA	1	
Benzene	4.42	0.313	0.313	14.1	1.00	1.00	04/21/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	04/21/16	KCA	1	

Client ID: SG 16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	04/21/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	04/21/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	04/21/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	04/21/16	KCA	1
Carbon Tetrachloride	0.055	0.040	0.040	0.35	0.25	0.25	04/21/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	04/21/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	04/21/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	04/21/16	KCA	1
Chloromethane	0.662	0.485	0.485	1.37	1.00	1.00	04/21/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	04/21/16	KCA	1
Cyclohexane	4.24	0.291	0.291	14.6	1.00	1.00	04/21/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	04/21/16	KCA	1
Dichlorodifluoromethane	0.450	0.202	0.202	2.22	1.00	1.00	04/21/16	KCA	1
Ethanol	159	E 0.531	0.531	299	1.00	1.00	04/21/16	KCA	1
Ethyl acetate	0.983	0.278	0.278	3.54	1.00	1.00	04/21/16	KCA	1
Ethylbenzene	3.60	0.230	0.230	15.6	1.00	1.00	04/21/16	KCA	1
Heptane	4.38	0.244	0.244	17.9	1.00	1.00	04/21/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	04/21/16	KCA	1
Hexane	8.41	0.284	0.284	29.6	1.00	1.00	04/21/16	KCA	1
Isopropylalcohol	8.28	0.407	0.407	20.3	1.00	1.00	04/21/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	04/21/16	KCA	1
m,p-Xylene	12.7	0.230	0.230	55.1	1.00	1.00	04/21/16	KCA	1
Methyl Ethyl Ketone	3.63	0.339	0.339	10.7	1.00	1.00	04/21/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	04/21/16	KCA	1
Methylene Chloride	0.442	S 0.288	0.288	1.53	1.00	1.00	04/21/16	KCA	1
n-Butylbenzene	0.304	0.182	0.182	1.67	1.00	1.00	04/21/16	KCA	1
o-Xylene	4.38	0.230	0.230	19.0	1.00	1.00	04/21/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	04/21/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1
Styrene	0.840	0.235	0.235	3.58	1.00	1.00	04/21/16	KCA	1
Tetrachloroethene	0.652	0.037	0.037	4.42	0.25	0.25	04/21/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	04/21/16	KCA	1
Toluene	24.4	0.266	0.266	91.9	1.00	1.00	04/21/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	04/21/16	KCA	1
Trichloroethene	1.11	0.047	0.047	5.96	0.25	0.25	04/21/16	KCA	1
Trichlorofluoromethane	0.256	0.178	0.178	1.44	1.00	1.00	04/21/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	04/21/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	04/21/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	04/21/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

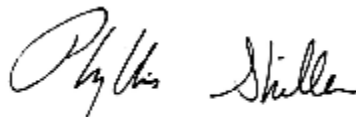
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

April 29, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

April 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 19635

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date: 04/19/16 18:07
 04/20/16 16:04

Laboratory Data

SDG ID: GBN16773
 Phoenix ID: BN16776

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG 17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	04/21/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	04/21/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	04/21/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	04/21/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	04/21/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	04/21/16	KCA	1
1,2,4-Trimethylbenzene	0.380	0.204	0.204	1.87	1.00	1.00	04/21/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	04/21/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	04/21/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	04/21/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	04/21/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	04/21/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	04/21/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	04/21/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	04/21/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	04/21/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	04/21/16	KCA	1
Acetone	10.4	0.421	0.421	24.7	1.00	1.00	04/21/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	04/21/16	KCA	1
Benzene	0.500	0.313	0.313	1.60	1.00	1.00	04/21/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	04/21/16	KCA	1

Client ID: SG 17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	04/21/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	04/21/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	04/21/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	04/21/16	KCA	1
Carbon Tetrachloride	0.055	0.040	0.040	0.35	0.25	0.25	04/21/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	04/21/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	04/21/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	04/21/16	KCA	1
Chloromethane	0.733	0.485	0.485	1.51	1.00	1.00	04/21/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	04/21/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	04/21/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	04/21/16	KCA	1
Dichlorodifluoromethane	0.441	0.202	0.202	2.18	1.00	1.00	04/21/16	KCA	1
Ethanol	101	E 0.531	0.531	190	1.00	1.00	04/21/16	KCA	1
Ethyl acetate	0.481	0.278	0.278	1.73	1.00	1.00	04/21/16	KCA	1
Ethylbenzene	0.326	0.230	0.230	1.41	1.00	1.00	04/21/16	KCA	1
Heptane	0.404	0.244	0.244	1.65	1.00	1.00	04/21/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	04/21/16	KCA	1
Hexane	0.976	S 0.284	0.284	3.44	1.00	1.00	04/21/16	KCA	1
Isopropylalcohol	4.61	0.407	0.407	11.3	1.00	1.00	04/21/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	04/21/16	KCA	1
m,p-Xylene	1.20	0.230	0.230	5.21	1.00	1.00	04/21/16	KCA	1
Methyl Ethyl Ketone	0.887	0.339	0.339	2.61	1.00	1.00	04/21/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	04/21/16	KCA	1
Methylene Chloride	0.408	S 0.288	0.288	1.42	1.00	1.00	04/21/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1
o-Xylene	0.404	0.230	0.230	1.75	1.00	1.00	04/21/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	04/21/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	04/21/16	KCA	1
Tetrachloroethene	1.02	0.037	0.037	6.91	0.25	0.25	04/21/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	04/21/16	KCA	1
Toluene	1.85	0.266	0.266	6.97	1.00	1.00	04/21/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	04/21/16	KCA	1
Trichloroethene	1.59	0.047	0.047	8.54	0.25	0.25	04/21/16	KCA	1
Trichlorofluoromethane	0.218	0.178	0.178	1.22	1.00	1.00	04/21/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	04/21/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	04/21/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	04/21/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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:

E = Estimated value quantitated above calibration range for this compound.

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

April 29, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

April 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 490

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date: 04/19/16 17:07
 04/20/16 16:04

Laboratory Data

SDG ID: GBN16773
 Phoenix ID: BN16777

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG 22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	04/21/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	04/21/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	04/21/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	04/21/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	04/21/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	04/21/16	KCA	1	
1,2,4-Trimethylbenzene	0.380	0.204	0.204	1.87	1.00	1.00	04/21/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	04/21/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	04/21/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	04/21/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	04/21/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	04/21/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	04/21/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	04/21/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	04/21/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	04/21/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	04/21/16	KCA	1	
Acetone	10.6	0.421	0.421	25.2	1.00	1.00	04/21/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	04/21/16	KCA	1	
Benzene	0.592	0.313	0.313	1.89	1.00	1.00	04/21/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	04/21/16	KCA	1	

Client ID: SG 22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	04/21/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	04/21/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	04/21/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	04/21/16	KCA	1
Carbon Tetrachloride	0.063	0.040	0.040	0.40	0.25	0.25	04/21/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	04/21/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	04/21/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	04/21/16	KCA	1
Chloromethane	0.744	0.485	0.485	1.54	1.00	1.00	04/21/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	04/21/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	04/21/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	04/21/16	KCA	1
Dichlorodifluoromethane	0.472	0.202	0.202	2.33	1.00	1.00	04/21/16	KCA	1
Ethanol	132	E 0.531	0.531	249	1.00	1.00	04/21/16	KCA	1
Ethyl acetate	0.412	0.278	0.278	1.48	1.00	1.00	04/21/16	KCA	1
Ethylbenzene	0.412	0.230	0.230	1.79	1.00	1.00	04/21/16	KCA	1
Heptane	0.488	0.244	0.244	2.00	1.00	1.00	04/21/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	04/21/16	KCA	1
Hexane	1.07	S 0.284	0.284	3.77	1.00	1.00	04/21/16	KCA	1
Isopropylalcohol	3.34	S 0.407	0.407	8.20	1.00	1.00	04/21/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	04/21/16	KCA	1
m,p-Xylene	1.42	0.230	0.230	6.16	1.00	1.00	04/21/16	KCA	1
Methyl Ethyl Ketone	0.754	0.339	0.339	2.22	1.00	1.00	04/21/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	04/21/16	KCA	1
Methylene Chloride	0.426	S 0.288	0.288	1.48	1.00	1.00	04/21/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1
o-Xylene	0.452	0.230	0.230	1.96	1.00	1.00	04/21/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	04/21/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	04/21/16	KCA	1
Tetrachloroethene	1.09	0.037	0.037	7.39	0.25	0.25	04/21/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	04/21/16	KCA	1
Toluene	2.19	0.266	0.266	8.25	1.00	1.00	04/21/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	04/21/16	KCA	1
Trichloroethene	1.40	0.047	0.047	7.52	0.25	0.25	04/21/16	KCA	1
Trichlorofluoromethane	0.196	0.178	0.178	1.10	1.00	1.00	04/21/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	04/21/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	04/21/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	104	%	%	104	%	%	04/21/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

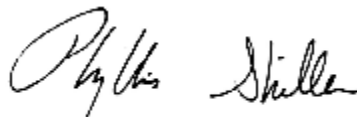
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

April 29, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

April 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 476

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date: 04/19/16 17:13
 04/20/16 16:04

Laboratory Data

SDG ID: GBN16773
 Phoenix ID: BN16778

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: CARBON DISCHARGE

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	04/21/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	04/21/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	04/21/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	04/21/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	04/21/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	04/21/16	KCA	1
1,2,4-Trimethylbenzene	2.84	0.204	0.204	14.0	1.00	1.00	04/21/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	04/21/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	04/21/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	04/21/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	04/21/16	KCA	1
1,3,5-Trimethylbenzene	0.827	0.204	0.204	4.06	1.00	1.00	04/21/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	04/21/16	KCA	1
1,3-Dichlorobenzene	0.674	0.166	0.166	4.05	1.00	1.00	04/21/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	04/21/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	04/21/16	KCA	1
4-Ethyltoluene	0.825	0.204	0.204	4.05	1.00	1.00	04/21/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	04/21/16	KCA	1
Acetone	ND	0.421	0.421	ND	1.00	1.00	04/21/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	04/21/16	KCA	1
Benzene	4.37	0.313	0.313	14.0	1.00	1.00	04/21/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	04/21/16	KCA	1

Client ID: CARBON DISCHARGE

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	04/21/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	04/21/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	04/21/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	04/21/16	KCA	1
Carbon Tetrachloride	ND	0.040	0.040	ND	0.25	0.25	04/21/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	04/21/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	04/21/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	04/21/16	KCA	1
Chloromethane	0.695	0.485	0.485	1.43	1.00	1.00	04/21/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	04/21/16	KCA	1
Cyclohexane	4.36	0.291	0.291	15.0	1.00	1.00	04/21/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	04/21/16	KCA	1
Dichlorodifluoromethane	0.518	0.202	0.202	2.56	1.00	1.00	04/21/16	KCA	1
Ethanol	149	E 0.531	0.531	281	1.00	1.00	04/21/16	KCA	1
Ethyl acetate	0.588	0.278	0.278	2.12	1.00	1.00	04/21/16	KCA	1
Ethylbenzene	4.22	0.230	0.230	18.3	1.00	1.00	04/21/16	KCA	1
Heptane	4.63	0.244	0.244	19.0	1.00	1.00	04/21/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	04/21/16	KCA	1
Hexane	7.47	0.284	0.284	26.3	1.00	1.00	04/21/16	KCA	1
Isopropylalcohol	6.82	0.407	0.407	16.8	1.00	1.00	04/21/16	KCA	1
Isopropylbenzene	0.234	0.204	0.204	1.15	1.00	1.00	04/21/16	KCA	1
m,p-Xylene	15.6	0.230	0.230	67.7	1.00	1.00	04/21/16	KCA	1
Methyl Ethyl Ketone	1.36	0.339	0.339	4.01	1.00	1.00	04/21/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	04/21/16	KCA	1
Methylene Chloride	ND	0.288	0.288	ND	1.00	1.00	04/21/16	KCA	1
n-Butylbenzene	0.409	0.182	0.182	2.24	1.00	1.00	04/21/16	KCA	1
o-Xylene	5.12	0.230	0.230	22.2	1.00	1.00	04/21/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	04/21/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1
Styrene	0.960	0.235	0.235	4.09	1.00	1.00	04/21/16	KCA	1
Tetrachloroethene	0.651	0.037	0.037	4.41	0.25	0.25	04/21/16	KCA	1
Tetrahydrofuran	0.518	0.339	0.339	1.53	1.00	1.00	04/21/16	KCA	1
Toluene	28.5	0.266	0.266	107	1.00	1.00	04/21/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	04/21/16	KCA	1
Trichloroethene	0.667	0.047	0.047	3.58	0.25	0.25	04/21/16	KCA	1
Trichlorofluoromethane	ND	0.178	0.178	ND	1.00	1.00	04/21/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	04/21/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	04/21/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	103	%	%	103	%	%	04/21/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

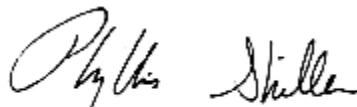
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

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

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Phyllis Shiller, Laboratory Director

April 29, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

April 29, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 469

Custody Information

Collected by: TG
 Received by: SW
 Analyzed by: see "By" below

Date: 04/19/16 17:55
 04/20/16 16:04

Laboratory Data

SDG ID: GBN16773
 Phoenix ID: BN16779

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: ELEVATOR PIT

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	04/21/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	04/21/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	04/21/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	04/21/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	04/21/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	04/21/16	KCA	1	
1,2,4-Trimethylbenzene	2.82	0.204	0.204	13.9	1.00	1.00	04/21/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	04/21/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	04/21/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	04/21/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	04/21/16	KCA	1	
1,3,5-Trimethylbenzene	0.873	0.204	0.204	4.29	1.00	1.00	04/21/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	04/21/16	KCA	1	
1,3-Dichlorobenzene	0.604	0.166	0.166	3.63	1.00	1.00	04/21/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	04/21/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	04/21/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	04/21/16	KCA	1	1
4-Ethyltoluene	0.880	0.204	0.204	4.32	1.00	1.00	04/21/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	04/21/16	KCA	1	
Acetone	21.7	0.421	0.421	51.5	1.00	1.00	04/21/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	04/21/16	KCA	1	
Benzene	7.71	0.313	0.313	24.6	1.00	1.00	04/21/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	04/21/16	KCA	1	

Client ID: ELEVATOR PIT

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	04/21/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	04/21/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	04/21/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	04/21/16	KCA	1
Carbon Tetrachloride	0.054	0.040	0.040	0.34	0.25	0.25	04/21/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	04/21/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	04/21/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	04/21/16	KCA	1
Chloromethane	0.586	0.485	0.485	1.21	1.00	1.00	04/21/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	04/21/16	KCA	1
Cyclohexane	6.84	0.291	0.291	23.5	1.00	1.00	04/21/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	04/21/16	KCA	1
Dichlorodifluoromethane	0.490	0.202	0.202	2.42	1.00	1.00	04/21/16	KCA	1
Ethanol	243	E 0.531	0.531	458	1.00	1.00	04/21/16	KCA	1
Ethyl acetate	1.04	0.278	0.278	3.75	1.00	1.00	04/21/16	KCA	1
Ethylbenzene	4.60	0.230	0.230	20.0	1.00	1.00	04/21/16	KCA	1
Heptane	7.30	0.244	0.244	29.9	1.00	1.00	04/21/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	04/21/16	KCA	1
Hexane	14.1	0.284	0.284	49.7	1.00	1.00	04/21/16	KCA	1
Isopropylalcohol	12.5	0.407	0.407	30.7	1.00	1.00	04/21/16	KCA	1
Isopropylbenzene	0.236	0.204	0.204	1.16	1.00	1.00	04/21/16	KCA	1
m,p-Xylene	16.6	0.230	0.230	72.0	1.00	1.00	04/21/16	KCA	1
Methyl Ethyl Ketone	3.50	0.339	0.339	10.3	1.00	1.00	04/21/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	04/21/16	KCA	1
Methylene Chloride	0.429	S 0.288	0.288	1.49	1.00	1.00	04/21/16	KCA	1
n-Butylbenzene	0.297	0.182	0.182	1.63	1.00	1.00	04/21/16	KCA	1
o-Xylene	5.47	0.230	0.230	23.7	1.00	1.00	04/21/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	04/21/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	04/21/16	KCA	1
Styrene	0.990	0.235	0.235	4.21	1.00	1.00	04/21/16	KCA	1
Tetrachloroethene	1.09	0.037	0.037	7.39	0.25	0.25	04/21/16	KCA	1
Tetrahydrofuran	0.397	0.339	0.339	1.17	1.00	1.00	04/21/16	KCA	1
Toluene	36.4	0.266	0.266	137	1.00	1.00	04/21/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	04/21/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	04/21/16	KCA	1
Trichloroethene	3.36	0.047	0.047	18.0	0.25	0.25	04/21/16	KCA	1
Trichlorofluoromethane	0.235	0.178	0.178	1.32	1.00	1.00	04/21/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	04/21/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	04/21/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	100	%	%	100	%	%	04/21/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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:

E = Estimated value quantitated above calibration range for this compound.

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

April 29, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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



QA/QC Report

April 29, 2016

QA/QC Data

SDG I.D.: GBN16773

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 342925 (ppbv), QC Sample No: BN16773 (BN16773, BN16774, BN16775, BN16776, BN16777, BN16778, BN16779)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	0.183	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	0.183	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	0.247	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	0.252	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	98	1.55	1.74	0.315	0.354	NC	70 - 130	20
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	0.166	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	0.247	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	0.216	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	0.452	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	0.166	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	0.166	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	0.278	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	0.244	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	0.204	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	0.182	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	0.421	ND	1.00	90	28.3	28.7	11.9	12.1	1.7	70 - 130	20
Acrylonitrile	ND	0.461	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	0.313	ND	1.00	107	1.48	1.10	0.465	0.343	NC	70 - 130	20
Benzyl chloride	ND	0.193	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	0.149	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	0.097	ND	1.00	130	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	0.257	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	0.321	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	0.040	ND	0.25	104	0.41	0.48	0.066	0.077	NC	70 - 130	20
Chlorobenzene	ND	0.217	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	0.379	ND	1.00	115	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	0.205	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	0.484	ND	1.00	108	1.45	1.48	0.705	0.715	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	106	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	0.291	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	0.117	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	0.202	ND	1.00	109	2.43	2.43	0.491	0.491	NC	70 - 130	20
Ethanol	ND	0.531	ND	1.00	107	471	467	250	248	0.8	70 - 130	20

QA/QC Data

SDG I.D.: GBN16773

Parameter	Bik ppbv	Bik RL ppbv	Bik ug/m3	Bik 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	119	1.99	1.78	0.552	0.495	NC	70 - 130	20
Ethylbenzene	ND	0.230	ND	1.00	98	1.09	1.13	0.252	0.260	NC	70 - 130	20
Heptane	ND	0.244	ND	1.00	101	1.74	1.83	0.424	0.447	NC	70 - 130	20
Hexachlorobutadiene	ND	0.094	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	0.284	ND	1.00	108	2.02 S	2.23 S	0.573 S	0.632 S	NC	70 - 130	20
Isopropylalcohol	ND	0.407	ND	1.00	91	16.0	15.7	6.52	6.41	1.7	70 - 130	20
Isopropylbenzene	ND	0.204	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	0.230	ND	1.00	100	3.97	3.81	0.914	0.878	NC	70 - 130	20
Methyl Ethyl Ketone	ND	0.339	ND	1.00	107	2.81	2.80	0.954	0.949	NC	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	0.288	ND	1.00	97	1.76 S	1.74 S	0.507 S	0.500 S	NC	70 - 130	20
n-Butylbenzene	ND	0.182	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	0.230	ND	1.00	97	1.35	1.41	0.310	0.325	NC	70 - 130	20
Propylene	ND	0.581	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
sec-Butylbenzene	ND	0.182	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	0.235	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	0.037	ND	0.25	95	8.47	8.41	1.25	1.24	0.8	70 - 130	20
Tetrahydrofuran	ND	0.339	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	0.266	ND	1.00	101	6.25	6.21	1.66	1.65	0.6	70 - 130	20
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	0.047	ND	0.25	94	3.51	3.40	0.654	0.634	3.1	70 - 130	20
Trichlorofluoromethane	ND	0.178	ND	1.00	101	1.84	1.71	0.327	0.304	NC	70 - 130	20
Trichlorotrifluoroethane	ND	0.131	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	0.098	ND	0.25	110	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	101	%	101	%	96	102	105	102	105	NC	70 - 130	20

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

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

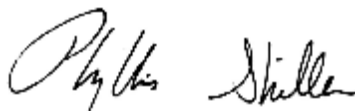
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
April 29, 2016

Sample Criteria Exceedences Report

GBN16773 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

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



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 Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426
 email: greg@phoenixlabs.com

P.O. # _____ Page | of |

Data Delivery: Fax #:

Email: creilly@obinary.com

Phone #:

Report to: Chawinnie Reilly

Customer: EBC

Address:

Invoice to: EBC

Sampled by: Thomas Gallo

Project Name: 3140 30th Street Queens NY

Requested Deliverable: RCP ASP CAT B

MCP NJ Deliverables

State where samples collected: NY

Phoenix ID #	Client Sample ID	THIS SECTION FOR LAB USE ONLY						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
		Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (ml/min)										
16773	Indoor Air Second Floor 03	457	6.0	-30	-2	3416	10.8	9:40	17:21	4-19-16	-30	-4	X		X		
16774	Indoor Air Second Floor 04	493	6.0	-30	-5	4978		9:42	17:30	4-19-16	-30	-5	X		X		
16775	SG 16	11291	6.0	-30	-4	5038		9:48	17:45	4-19-16	-30	-5	X		X		
16776	SG 17	19635	6.0	-30	-2	4986		9:49	18:07	4-19-16	-30	-5	X		X		
16777	SG 22	490	6.0	-30	-5	3416		9:54	17:07	4-19-16	-29	-5	X		X		
16778	Carbon Discharge	476	6.0	-30	-3	5348		9:59	17:13	4-19-16	-27	-5	X		X		
16779	Elevator Pit	469	6.0	-30	-4	5657		10:02	17:55	4-19-16	-30	-5	X		X		
	Did NOT use	368	6.0	-30		3886											
	6L 8MS																

Relinquished by: _____ Date: _____
 Accepted by: [Signature] Date: 4-20-16 9:30
 Data Format: Excel Equis GISKey
 PDF Other:

SPECIAL INSTRUCTIONS OR REQUIREMENTS, REGULATORY INFORMATION:
Charlene y120116 1004
 Requested Criteria: ASPB Deliverables, NY EX EDD
 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: _____
 Quote Number: _____

Phoenix Environmental Laboratories, Inc. 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102			Lab Sample Id Collection Date	Client Id Matrix	BN60721 6/21/2016 INDOOR AIR 2ND FL 03 Air				BN60722 6/21/2016 INDOOR AIR 2ND FL 04 Air				BN60723 6/21/2016 SGL16 Air				BN60724 6/21/2016 SGL17 Air				BN60725 6/21/2016 SGL22 Air				BN60726 6/21/2016 CARBON DISCHARGE Air				BN60727 6/21/2016 ELEVATOR PIT Air																	
Project Id : 39-40 30TH ST., QUEENS	CAS	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL																
Volatiles (TO15) By TO15																																														
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00				
1,1,1-Trichloroethane	71-55-6	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1,2-Trichloroethane	79-00-5	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1-Dichloroethane	75-35-3	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1-Dichloroethane	75-35-4	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2,4-Trichlorobenzene	120-82-1	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2,4-Trimethylbenzene	95-63-6	ug/m3	3.34	1.00	U	1.00	3.17	1.00	U	1.00	5.45	1.00	U	1.00	3.01	1.00	U	1.00	2.46	1.00	U	1.00	5.4	1.00	U	1.00	5.01	1.00	U	1.00	5.01	1.00	U	1.00	5.01	1.00	U	1.00	5.01	1.00	U	1.00	5.01	1.00	U	1.00
1,2-Dibromoethane(EDB)	106-93-4	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichlorobenzene	95-50-1	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichloroethane	107-06-2	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-dichloropropane	78-87-5	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,3,5-Trimethylbenzene	108-67-8	ug/m3	1.09	1.00	U	1.00	1.00	1.00	U	1.00	1.48	1.00	U	1.00	1.00	1.00	U	1.00	1.00	1.00	U	1.00	1.41	1.00	U	1.00	1.00	1.00	U	1.00	1.51	1.00	U	1.00	1.00	1.00	U	1.00	1.00	1.00	U	1.00	1.00	1.00	U	1.00
1,3-Butadiene	106-99-0	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,3-Dichlorobenzene	541-73-1	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,4-Dichlorobenzene	106-46-7	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,4-Dioxane	123-91-1	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
2-Hexanone(MBK)	591-78-6	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	2.41	1.00	U	1.00	2.41	1.00	U	1.00	2.41	1.00	U	1.00	2.41	1.00	U	1.00
4-Ethyltoluene	622-96-8	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.24	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.17	1.00	U	1.00	<1.00	1.00	U	1.00	1.22	1.00	U	1.00	1.22	1.00	U	1.00	1.22	1.00	U	1.00	1.22	1.00	U	1.00
4-Isopropyltoluene	99-87-6	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/m3	1.34	1.00	U	1.00	2.03	1.00	U	1.00	1.25	1.00	U	1.00	1.2	1.00	U	1.00	1.32	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	3.28	1.00	U	1.00	3.28	1.00	U	1.00	3.28	1.00	U	1.00	3.28	1.00	U	1.00
Acetone	67-64-1	ug/m3	38.7	1.00	U	1.00	42.5	1.00	U	1.00	37.7	1.00	U	1.00	36.6	1.00	U	1.00	<1.00	1.00	U	1.00	10.6	1.00	U	1.00	<1.00	1.00	U	1.00	58.8	1.00	U	1.00	58.8	1.00	U	1.00	58.8	1.00	U	1.00	58.8	1.00	U	1.00
Acrylonitrile	107-13-1	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Benzene	71-43-2	ug/m3	1.47	1.00	U	1.00	1.48	1.00	U	1.00	1.92	1.00	U	1.00	1.35	1.00	U	1.00	1.35	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.82	1.00	U	1.00	1.82	1.00	U	1.00	1.82	1.00	U	1.00	1.82	1.00	U	1.00
Benzyl chloride	100-44-7	ug																																												



Thursday, July 21, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST., QUEENS
Sample ID#s: BN60721 - BN60727

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.

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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 ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 39-40 30TH ST., QUEENS
Laboratory Project: GBN60721



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

July 21, 2016

SDG I.D.: GBN60721

Environmental Business Consultants 39-40 30TH ST., QUEENS

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
INDOOR AIR 2ND FL 03	BN60721	AIR
INDOOR AIR 2ND FL 04	BN60722	AIR
SG16	BN60723	AIR
SG17	BN60724	AIR
SG22	BN60725	AIR
CARBON DISCHARGE	BN60726	AIR
ELEVATOR PIT	BN60727	AIR



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NY Analytical Services Protocol Format

July 21, 2016

SDG I.D.: GBN60721

Environmental Business Consultants 39-40 30TH ST., QUEENS

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BN60721	Volatiles (TO15)	06/21/16	06/22/16	06/22/16	KCA	Y
BN60722	Volatiles (TO15)	06/21/16	06/22/16	06/22/16	KCA	Y
BN60723	Volatiles (TO15)	06/21/16	06/22/16	06/22/16	KCA	Y
BN60724	Volatiles (TO15)	06/21/16	06/22/16	06/22/16	KCA	Y
BN60725	Volatiles (TO15)	06/21/16	06/22/16	06/22/16	KCA	Y
BN60726	Volatiles (TO15)	06/21/16	06/22/16	06/22/16	KCA	Y
BN60727	Volatiles (TO15)	06/21/16	06/22/16	06/22/16	KCA	Y



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SDG Comments

July 21, 2016

SDG I.D.: GBN60721

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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

Analysis Report

July 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13642

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date Time
 06/21/16 17:26
 06/22/16 15:23

Laboratory Data

SDG ID: GBN60721
 Phoenix ID: BN60721

Project ID: 39-40 30TH ST., QUEENS
 Client ID: INDOOR AIR 2ND FL 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	06/22/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	06/22/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	06/22/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	06/22/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	06/22/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	06/22/16	KCA	1	
1,2,4-Trimethylbenzene	0.679	0.204	0.204	3.34	1.00	1.00	06/22/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	06/22/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	06/22/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	06/22/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	06/22/16	KCA	1	
1,3,5-Trimethylbenzene	0.222	0.204	0.204	1.09	1.00	1.00	06/22/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	06/22/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	06/22/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	06/22/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	06/22/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.327	0.244	0.244	1.34	1.00	1.00	06/22/16	KCA	1	
Acetone	16.3	0.421	0.421	38.7	1.00	1.00	06/22/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	06/22/16	KCA	1	
Benzene	0.459	0.313	0.313	1.47	1.00	1.00	06/22/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	06/22/16	KCA	1	

Client ID: INDOOR AIR 2ND FL 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	06/22/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	06/22/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	06/22/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	06/22/16	KCA	1
Carbon Tetrachloride	0.057	0.040	0.040	0.36	0.25	0.25	06/22/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	06/22/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	06/22/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	06/22/16	KCA	1
Chloromethane	0.834	0.485	0.485	1.72	1.00	1.00	06/22/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	06/22/16	KCA	1
Cyclohexane	0.324	0.291	0.291	1.11	1.00	1.00	06/22/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	06/22/16	KCA	1
Dichlorodifluoromethane	0.486	0.202	0.202	2.40	1.00	1.00	06/22/16	KCA	1
Ethanol	268	E 0.531	0.531	505	1.00	1.00	06/22/16	KCA	1
Ethyl acetate	0.592	0.278	0.278	2.13	1.00	1.00	06/22/16	KCA	1
Ethylbenzene	0.480	0.230	0.230	2.08	1.00	1.00	06/22/16	KCA	1
Heptane	1.02	0.244	0.244	4.18	1.00	1.00	06/22/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	06/22/16	KCA	1
Hexane	0.858	S 0.284	0.284	3.02	1.00	1.00	06/22/16	KCA	1
Isopropylalcohol	10.3	0.407	0.407	25.3	1.00	1.00	06/22/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	06/22/16	KCA	1
m,p-Xylene	1.69	0.230	0.230	7.33	1.00	1.00	06/22/16	KCA	1
Methyl Ethyl Ketone	1.16	0.339	0.339	3.42	1.00	1.00	06/22/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	06/22/16	KCA	1
Methylene Chloride	0.450	S 0.288	0.288	1.56	1.00	1.00	06/22/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
o-Xylene	0.548	0.230	0.230	2.38	1.00	1.00	06/22/16	KCA	1
Propylene	2.72	0.581	0.581	4.68	1.00	1.00	06/22/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	06/22/16	KCA	1
Tetrachloroethene	1.20	0.037	0.037	8.13	0.25	0.25	06/22/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	06/22/16	KCA	1
Toluene	2.34	0.266	0.266	8.81	1.00	1.00	06/22/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	06/22/16	KCA	1
Trichloroethene	4.27	0.047	0.047	22.9	0.25	0.25	06/22/16	KCA	1
Trichlorofluoromethane	0.758	0.178	0.178	4.26	1.00	1.00	06/22/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	06/22/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	06/22/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	100	%	%	100	%	%	06/22/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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:

E = Estimated value quantitated above calibration range for this compound.

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

July 21, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

July 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 365

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date: 06/21/16 17:25
 06/22/16 15:23

Laboratory Data

SDG ID: GBN60721
 Phoenix ID: BN60722

Project ID: 39-40 30TH ST., QUEENS
 Client ID: INDOOR AIR 2ND FL 04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	06/22/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	06/22/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	06/22/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	06/22/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	06/22/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	06/22/16	KCA	1	
1,2,4-Trimethylbenzene	0.646	0.204	0.204	3.17	1.00	1.00	06/22/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	06/22/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	06/22/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	06/22/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	06/22/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	06/22/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	06/22/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	06/22/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	06/22/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	06/22/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.495	0.244	0.244	2.03	1.00	1.00	06/22/16	KCA	1	
Acetone	17.9	0.421	0.421	42.5	1.00	1.00	06/22/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	06/22/16	KCA	1	
Benzene	0.464	0.313	0.313	1.48	1.00	1.00	06/22/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	06/22/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	06/22/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	06/22/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	06/22/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	06/22/16	KCA	1
Carbon Tetrachloride	0.077	0.040	0.040	0.48	0.25	0.25	06/22/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	06/22/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	06/22/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	06/22/16	KCA	1
Chloromethane	0.698	0.485	0.485	1.44	1.00	1.00	06/22/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	06/22/16	KCA	1
Cyclohexane	0.354	0.291	0.291	1.22	1.00	1.00	06/22/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	06/22/16	KCA	1
Dichlorodifluoromethane	0.510	0.202	0.202	2.52	1.00	1.00	06/22/16	KCA	1
Ethanol	338	E 0.531	0.531	636	1.00	1.00	06/22/16	KCA	1
Ethyl acetate	0.673	0.278	0.278	2.42	1.00	1.00	06/22/16	KCA	1
Ethylbenzene	0.456	0.230	0.230	1.98	1.00	1.00	06/22/16	KCA	1
Heptane	1.06	0.244	0.244	4.34	1.00	1.00	06/22/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	06/22/16	KCA	1
Hexane	0.854	S 0.284	0.284	3.01	1.00	1.00	06/22/16	KCA	1
Isopropylalcohol	13.3	0.407	0.407	32.7	1.00	1.00	06/22/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	06/22/16	KCA	1
m,p-Xylene	1.61	0.230	0.230	6.99	1.00	1.00	06/22/16	KCA	1
Methyl Ethyl Ketone	1.26	0.339	0.339	3.71	1.00	1.00	06/22/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	06/22/16	KCA	1
Methylene Chloride	0.549	S 0.288	0.288	1.91	1.00	1.00	06/22/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
o-Xylene	0.510	0.230	0.230	2.21	1.00	1.00	06/22/16	KCA	1
Propylene	2.81	0.581	0.581	4.83	1.00	1.00	06/22/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	06/22/16	KCA	1
Tetrachloroethene	1.08	0.037	0.037	7.32	0.25	0.25	06/22/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	06/22/16	KCA	1
Toluene	2.26	0.266	0.266	8.51	1.00	1.00	06/22/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	06/22/16	KCA	1
Trichloroethene	4.09	0.047	0.047	22.0	0.25	0.25	06/22/16	KCA	1
Trichlorofluoromethane	0.844	0.178	0.178	4.74	1.00	1.00	06/22/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	06/22/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	06/22/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	06/22/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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:

E = Estimated value quantitated above calibration range for this compound.

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

July 21, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

July 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 358

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date: 06/21/16 17:44
 06/22/16 15:23

Laboratory Data

SDG ID: GBN60721
 Phoenix ID: BN60723

Project ID: 39-40 30TH ST., QUEENS
 Client ID: SG16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	06/22/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	06/22/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	06/22/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	06/22/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	06/22/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	06/22/16	KCA	1
1,2,4-Trimethylbenzene	1.11	0.204	0.204	5.45	1.00	1.00	06/22/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	06/22/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	06/22/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	06/22/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	06/22/16	KCA	1
1,3,5-Trimethylbenzene	0.301	0.204	0.204	1.48	1.00	1.00	06/22/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	06/22/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	06/22/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	06/22/16	KCA	1
4-Ethyltoluene	0.252	0.204	0.204	1.24	1.00	1.00	06/22/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.305	0.244	0.244	1.25	1.00	1.00	06/22/16	KCA	1
Acetone	15.9	0.421	0.421	37.7	1.00	1.00	06/22/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	06/22/16	KCA	1
Benzene	0.600	0.313	0.313	1.92	1.00	1.00	06/22/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	06/22/16	KCA	1

Client ID: SG16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	06/22/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	06/22/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	06/22/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	06/22/16	KCA	1
Carbon Tetrachloride	0.082	0.040	0.040	0.52	0.25	0.25	06/22/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	06/22/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	06/22/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	06/22/16	KCA	1
Chloromethane	0.893	0.485	0.485	1.84	1.00	1.00	06/22/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	06/22/16	KCA	1
Cyclohexane	0.887	0.291	0.291	3.05	1.00	1.00	06/22/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	06/22/16	KCA	1
Dichlorodifluoromethane	0.525	0.202	0.202	2.59	1.00	1.00	06/22/16	KCA	1
Ethanol	217	E 0.531	0.531	409	1.00	1.00	06/22/16	KCA	1
Ethyl acetate	0.771	0.278	0.278	2.78	1.00	1.00	06/22/16	KCA	1
Ethylbenzene	0.685	0.230	0.230	2.97	1.00	1.00	06/22/16	KCA	1
Heptane	0.980	0.244	0.244	4.01	1.00	1.00	06/22/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	06/22/16	KCA	1
Hexane	1.02	S 0.284	0.284	3.59	1.00	1.00	06/22/16	KCA	1
Isopropylalcohol	8.42	0.407	0.407	20.7	1.00	1.00	06/22/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	06/22/16	KCA	1
m,p-Xylene	2.25	0.230	0.230	9.8	1.00	1.00	06/22/16	KCA	1
Methyl Ethyl Ketone	9.13	0.339	0.339	26.9	1.00	1.00	06/22/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	06/22/16	KCA	1
Methylene Chloride	0.493	S 0.288	0.288	1.71	1.00	1.00	06/22/16	KCA	1
n-Butylbenzene	0.195	0.182	0.182	1.07	1.00	1.00	06/22/16	KCA	1
o-Xylene	0.807	0.230	0.230	3.50	1.00	1.00	06/22/16	KCA	1
Propylene	3.28	0.581	0.581	5.64	1.00	1.00	06/22/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
Styrene	0.382	0.235	0.235	1.63	1.00	1.00	06/22/16	KCA	1
Tetrachloroethene	1.04	0.037	0.037	7.05	0.25	0.25	06/22/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	06/22/16	KCA	1
Toluene	3.17	0.266	0.266	11.9	1.00	1.00	06/22/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	06/22/16	KCA	1
Trichloroethene	5.41	0.047	0.047	29.1	0.25	0.25	06/22/16	KCA	1
Trichlorofluoromethane	0.667	0.178	0.178	3.75	1.00	1.00	06/22/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	06/22/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	06/22/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	100	%	%	100	%	%	06/22/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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:

E = Estimated value quantitated above calibration range for this compound.

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

July 21, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

July 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 484

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date: 06/21/16 17:30
 06/22/16 15:23

Laboratory Data

SDG ID: GBN60721
 Phoenix ID: BN60724

Project ID: 39-40 30TH ST., QUEENS
 Client ID: SG17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	06/22/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	06/22/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	06/22/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	06/22/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	06/22/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	06/22/16	KCA	1
1,2,4-Trimethylbenzene	0.612	0.204	0.204	3.01	1.00	1.00	06/22/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	06/22/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	06/22/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	06/22/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	06/22/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	06/22/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	06/22/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	06/22/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	06/22/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	06/22/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.292	0.244	0.244	1.20	1.00	1.00	06/22/16	KCA	1
Acetone	15.4	0.421	0.421	36.6	1.00	1.00	06/22/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	06/22/16	KCA	1
Benzene	0.423	0.313	0.313	1.35	1.00	1.00	06/22/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	06/22/16	KCA	1

Client ID: SG17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	06/22/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	06/22/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	06/22/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	06/22/16	KCA	1
Carbon Tetrachloride	0.081	0.040	0.040	0.51	0.25	0.25	06/22/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	06/22/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	06/22/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	06/22/16	KCA	1
Chloromethane	0.789	0.485	0.485	1.63	1.00	1.00	06/22/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	06/22/16	KCA	1
Cyclohexane	0.302	0.291	0.291	1.04	1.00	1.00	06/22/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	06/22/16	KCA	1
Dichlorodifluoromethane	0.519	0.202	0.202	2.56	1.00	1.00	06/22/16	KCA	1
Ethanol	215	E 0.531	0.531	405	1.00	1.00	06/22/16	KCA	1
Ethyl acetate	0.495	0.278	0.278	1.78	1.00	1.00	06/22/16	KCA	1
Ethylbenzene	0.487	0.230	0.230	2.11	1.00	1.00	06/22/16	KCA	1
Heptane	0.744	0.244	0.244	3.05	1.00	1.00	06/22/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	06/22/16	KCA	1
Hexane	0.725	S 0.284	0.284	2.55	1.00	1.00	06/22/16	KCA	1
Isopropylalcohol	8.87	0.407	0.407	21.8	1.00	1.00	06/22/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	06/22/16	KCA	1
m,p-Xylene	1.62	0.230	0.230	7.03	1.00	1.00	06/22/16	KCA	1
Methyl Ethyl Ketone	1.13	0.339	0.339	3.33	1.00	1.00	06/22/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	06/22/16	KCA	1
Methylene Chloride	0.455	S 0.288	0.288	1.58	1.00	1.00	06/22/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
o-Xylene	0.469	0.230	0.230	2.04	1.00	1.00	06/22/16	KCA	1
Propylene	3.39	0.581	0.581	5.83	1.00	1.00	06/22/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	06/22/16	KCA	1
Tetrachloroethene	1.54	0.037	0.037	10.4	0.25	0.25	06/22/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	06/22/16	KCA	1
Toluene	1.96	0.266	0.266	7.38	1.00	1.00	06/22/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	06/22/16	KCA	1
Trichloroethene	6.60	0.047	0.047	35.4	0.25	0.25	06/22/16	KCA	1
Trichlorofluoromethane	0.522	0.178	0.178	2.93	1.00	1.00	06/22/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	06/22/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	06/22/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	99	%	%	99	%	%	06/22/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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:

E = Estimated value quantitated above calibration range for this compound.

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

July 21, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

July 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 460

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date: 06/21/16 17:07
 06/22/16 15:23

Laboratory Data

SDG ID: GBN60721
 Phoenix ID: BN60725

Project ID: 39-40 30TH ST., QUEENS
 Client ID: SG22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	06/22/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	06/22/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	06/22/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	06/22/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	06/22/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	06/22/16	KCA	1
1,2,4-Trimethylbenzene	0.501	0.204	0.204	2.46	1.00	1.00	06/22/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	06/22/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	06/22/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	06/22/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	06/22/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	06/22/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	06/22/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	06/22/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	06/22/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	06/22/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.323	0.244	0.244	1.32	1.00	1.00	06/22/16	KCA	1
Acetone	ND	0.421	0.421	ND	1.00	1.00	06/22/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	06/22/16	KCA	1
Benzene	0.424	0.313	0.313	1.35	1.00	1.00	06/22/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	06/22/16	KCA	1

Client ID: SG22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	06/22/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	06/22/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	06/22/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	06/22/16	KCA	1
Carbon Tetrachloride	0.079	0.040	0.040	0.50	0.25	0.25	06/22/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	06/22/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	06/22/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	06/22/16	KCA	1
Chloromethane	0.623	0.485	0.485	1.29	1.00	1.00	06/22/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	06/22/16	KCA	1
Cyclohexane	0.315	0.291	0.291	1.08	1.00	1.00	06/22/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	06/22/16	KCA	1
Dichlorodifluoromethane	0.495	0.202	0.202	2.45	1.00	1.00	06/22/16	KCA	1
Ethanol	223	E 0.531	0.531	420	1.00	1.00	06/22/16	KCA	1
Ethyl acetate	0.467	0.278	0.278	1.68	1.00	1.00	06/22/16	KCA	1
Ethylbenzene	0.714	0.230	0.230	3.10	1.00	1.00	06/22/16	KCA	1
Heptane	0.830	0.244	0.244	3.40	1.00	1.00	06/22/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	06/22/16	KCA	1
Hexane	0.686	S 0.284	0.284	2.42	1.00	1.00	06/22/16	KCA	1
Isopropylalcohol	7.89	0.407	0.407	19.4	1.00	1.00	06/22/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	06/22/16	KCA	1
m,p-Xylene	2.33	0.230	0.230	10.1	1.00	1.00	06/22/16	KCA	1
Methyl Ethyl Ketone	1.13	0.339	0.339	3.33	1.00	1.00	06/22/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	06/22/16	KCA	1
Methylene Chloride	0.476	S 0.288	0.288	1.65	1.00	1.00	06/22/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
o-Xylene	0.599	0.230	0.230	2.60	1.00	1.00	06/22/16	KCA	1
Propylene	3.40	0.581	0.581	5.85	1.00	1.00	06/22/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	06/22/16	KCA	1
Tetrachloroethene	1.52	0.037	0.037	10.3	0.25	0.25	06/22/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	06/22/16	KCA	1
Toluene	2.10	0.266	0.266	7.91	1.00	1.00	06/22/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	06/22/16	KCA	1
Trichloroethene	6.28	0.047	0.047	33.7	0.25	0.25	06/22/16	KCA	1
Trichlorofluoromethane	0.554	0.178	0.178	3.11	1.00	1.00	06/22/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	06/22/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	06/22/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	06/22/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

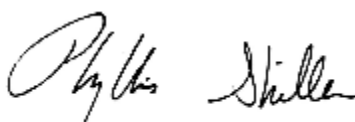
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

July 21, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

July 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 12866

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date Time
 06/21/16 17:10
 06/22/16 15:23

Laboratory Data

SDG ID: GBN60721
 Phoenix ID: BN60726

Project ID: 39-40 30TH ST., QUEENS
 Client ID: CARBON DISCHARGE

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	06/22/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	06/22/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	06/22/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	06/22/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	06/22/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	06/22/16	KCA	1
1,2,4-Trimethylbenzene	1.10	0.204	0.204	5.40	1.00	1.00	06/22/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	06/22/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	06/22/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	06/22/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	06/22/16	KCA	1
1,3,5-Trimethylbenzene	0.288	0.204	0.204	1.41	1.00	1.00	06/22/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	06/22/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	06/22/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	06/22/16	KCA	1
4-Ethyltoluene	0.238	0.204	0.204	1.17	1.00	1.00	06/22/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	06/22/16	KCA	1
Acetone	4.48	0.421	0.421	10.6	1.00	1.00	06/22/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	06/22/16	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	06/22/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	06/22/16	KCA	1

Client ID: CARBON DISCHARGE

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	06/22/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	06/22/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	06/22/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	06/22/16	KCA	1
Carbon Tetrachloride	0.046	0.040	0.040	0.29	0.25	0.25	06/22/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	06/22/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	06/22/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	06/22/16	KCA	1
Chloromethane	0.771	0.485	0.485	1.59	1.00	1.00	06/22/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	06/22/16	KCA	1
Cyclohexane	0.354	0.291	0.291	1.22	1.00	1.00	06/22/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	06/22/16	KCA	1
Dichlorodifluoromethane	0.559	0.202	0.202	2.76	1.00	1.00	06/22/16	KCA	1
Ethanol	268	E 0.531	0.531	505	1.00	1.00	06/22/16	KCA	1
Ethyl acetate	0.403	0.278	0.278	1.45	1.00	1.00	06/22/16	KCA	1
Ethylbenzene	0.673	0.230	0.230	2.92	1.00	1.00	06/22/16	KCA	1
Heptane	0.544	0.244	0.244	2.23	1.00	1.00	06/22/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	06/22/16	KCA	1
Hexane	0.367	S 0.284	0.284	1.29	1.00	1.00	06/22/16	KCA	1
Isopropylalcohol	2.76	S 0.407	0.407	6.78	1.00	1.00	06/22/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	06/22/16	KCA	1
m,p-Xylene	2.31	0.230	0.230	10.0	1.00	1.00	06/22/16	KCA	1
Methyl Ethyl Ketone	3.33	0.339	0.339	9.8	1.00	1.00	06/22/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	06/22/16	KCA	1
Methylene Chloride	0.460	S 0.288	0.288	1.60	1.00	1.00	06/22/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
o-Xylene	0.794	0.230	0.230	3.45	1.00	1.00	06/22/16	KCA	1
Propylene	3.53	0.581	0.581	6.07	1.00	1.00	06/22/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
Styrene	0.367	0.235	0.235	1.56	1.00	1.00	06/22/16	KCA	1
Tetrachloroethene	0.860	0.037	0.037	5.83	0.25	0.25	06/22/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	06/22/16	KCA	1
Toluene	2.51	0.266	0.266	9.45	1.00	1.00	06/22/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	06/22/16	KCA	1
Trichloroethene	3.26	0.047	0.047	17.5	0.25	0.25	06/22/16	KCA	1
Trichlorofluoromethane	ND	0.178	0.178	ND	1.00	1.00	06/22/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	06/22/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	06/22/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	06/22/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

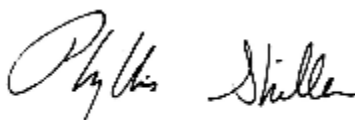
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

July 21, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

July 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 219

Custody Information

Collected by: TG
 Received by: LB
 Analyzed by: see "By" below

Date: 06/21/16 17:40
 06/22/16 15:23

Laboratory Data

SDG ID: GBN60721
 Phoenix ID: BN60727

Project ID: 39-40 30TH ST., QUEENS
 Client ID: ELEVATOR PIT

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	06/22/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	06/22/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	06/22/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	06/22/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	06/22/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	06/22/16	KCA	1	
1,2,4-Trimethylbenzene	1.02	0.204	0.204	5.01	1.00	1.00	06/22/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	06/22/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	06/22/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	06/22/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	06/22/16	KCA	1	
1,3,5-Trimethylbenzene	0.307	0.204	0.204	1.51	1.00	1.00	06/22/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	06/22/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	06/22/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	06/22/16	KCA	1	
2-Hexanone(MBK)	0.589	0.244	0.244	2.41	1.00	1.00	06/22/16	KCA	1	1
4-Ethyltoluene	0.249	0.204	0.204	1.22	1.00	1.00	06/22/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.313	0.244	0.244	1.28	1.00	1.00	06/22/16	KCA	1	
Acetone	25.2	0.421	0.421	59.8	1.00	1.00	06/22/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	06/22/16	KCA	1	
Benzene	0.569	0.313	0.313	1.82	1.00	1.00	06/22/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	06/22/16	KCA	1	

Client ID: ELEVATOR PIT

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	06/22/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	06/22/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	06/22/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	06/22/16	KCA	1
Carbon Tetrachloride	0.081	0.040	0.040	0.51	0.25	0.25	06/22/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	06/22/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	06/22/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	06/22/16	KCA	1
Chloromethane	0.854	0.485	0.485	1.76	1.00	1.00	06/22/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	06/22/16	KCA	1
Cyclohexane	1.02	0.291	0.291	3.51	1.00	1.00	06/22/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	06/22/16	KCA	1
Dichlorodifluoromethane	0.522	0.202	0.202	2.58	1.00	1.00	06/22/16	KCA	1
Ethanol	232	E 0.531	0.531	437	1.00	1.00	06/22/16	KCA	1
Ethyl acetate	0.750	0.278	0.278	2.70	1.00	1.00	06/22/16	KCA	1
Ethylbenzene	0.756	0.230	0.230	3.28	1.00	1.00	06/22/16	KCA	1
Heptane	1.12	0.244	0.244	4.59	1.00	1.00	06/22/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	06/22/16	KCA	1
Hexane	1.01	S 0.284	0.284	3.56	1.00	1.00	06/22/16	KCA	1
Isopropylalcohol	7.84	0.407	0.407	19.3	1.00	1.00	06/22/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	06/22/16	KCA	1
m,p-Xylene	2.38	0.230	0.230	10.3	1.00	1.00	06/22/16	KCA	1
Methyl Ethyl Ketone	12.6	0.339	0.339	37.1	1.00	1.00	06/22/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	06/22/16	KCA	1
Methylene Chloride	0.479	S 0.288	0.288	1.66	1.00	1.00	06/22/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
o-Xylene	0.880	0.230	0.230	3.82	1.00	1.00	06/22/16	KCA	1
Propylene	4.53	0.581	0.581	7.79	1.00	1.00	06/22/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	06/22/16	KCA	1
Styrene	0.371	0.235	0.235	1.58	1.00	1.00	06/22/16	KCA	1
Tetrachloroethene	1.12	0.037	0.037	7.59	0.25	0.25	06/22/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	06/22/16	KCA	1
Toluene	3.08	0.266	0.266	11.6	1.00	1.00	06/22/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	06/22/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	06/22/16	KCA	1
Trichloroethene	12.7	0.047	0.047	68.2	0.25	0.25	06/22/16	KCA	1
Trichlorofluoromethane	0.568	0.178	0.178	3.19	1.00	1.00	06/22/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	06/22/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	06/22/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	99	%	%	99	%	%	06/22/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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:

E = Estimated value quantitated above calibration range for this compound.

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

July 21, 2016

Reviewed and Released by: Jon Carlson, Project Manager



Environmental Laboratories, Inc.
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QA/QC Report

July 21, 2016

QA/QC Data

SDG I.D.: GBN60721

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
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QA/QC Batch 350101 (ppbv), QC Sample No: BN59528 (BN60721, BN60722, BN60723, BN60724, BN60725, BN60726, BN60727)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.183	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	85	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.183	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	91	96.3	100	19.6	20.3	3.5	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.166	ND	1.00	81	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.247	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.216	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	91	32.5	33.2	6.61	6.76	2.2	70 - 130	25
1,3-Butadiene	ND	0.452	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.166	ND	1.00	87	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.166	ND	1.00	85	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.278	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.204	ND	1.00	93	26.0	25.2	5.30	5.12	3.5	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	86	2.66	2.19	0.484	0.400	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	106	1.36	1.32	0.332	0.322	NC	70 - 130	25
Acetone	ND	0.421	ND	1.00	93	14.2	12.8	5.99	5.41	10.2	70 - 130	25
Acrylonitrile	ND	0.461	ND	1.00	85	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.313	ND	1.00	95	8.08	8.01	2.53	2.51	0.8	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.149	ND	1.00	104	47.9	44.9	7.16	6.71	6.5	70 - 130	25
Bromoform	ND	0.097	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.257	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.321	ND	1.00	102	12.2	12.4	3.91	3.99	2.0	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	104	0.92	0.79	0.146	0.125	NC	70 - 130	25
Chlorobenzene	ND	0.217	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.379	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	95	581	551	119	113	5.2	70 - 130	25
Chloromethane	ND	0.484	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	98	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.291	ND	1.00	93	7.60	7.05	2.21	2.05	7.5	70 - 130	25
Dibromochloromethane	ND	0.117	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.202	ND	1.00	96	3.14	3.05	0.636	0.618	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	84	9.5 S	8.30 S	5.07 S	4.41 S	13.9	70 - 130	25

QA/QC Data

SDG I.D.: GBN60721

Parameter	Bik ppbv	Bik RL ppbv	Bik ug/m3	Bik 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	96	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	94	56.4	58.6	13.0	13.5	3.8	70 - 130	25
Heptane	ND	0.244	ND	1.00	97	24.2	23.6	5.90	5.77	2.2	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	85	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.284	ND	1.00	96	20.0	19.8	5.67	5.63	0.7	70 - 130	25
Isopropylalcohol	ND	0.407	ND	1.00	88	5.53 S	4.96 S	2.25 S	2.02 S	NC	70 - 130	25
Isopropylbenzene	ND	0.204	ND	1.00	99	5.40	5.80	1.10	1.18	7.0	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	95	193	196	44.4	45.2	1.8	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	94	1.80	1.83	0.611	0.621	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	93	2.96 S	3.02 S	0.852 S	0.869 S	NC	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	103	5.07	5.16	0.925	0.941	1.7	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	92	86.8	88.1	20.0	20.3	1.5	70 - 130	25
Propylene	ND	0.581	ND	1.00	93	14.0	14.5	8.14	8.44	3.6	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.235	ND	1.00	97	1.29	1.45	0.304	0.340	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	93	61.2	58.6	9.03	8.64	4.4	70 - 130	25
Tetrahydrofuran	ND	0.339	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.266	ND	1.00	101	149	143	39.5	38.0	3.9	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	96	0.60	0.51	0.111	0.095	NC	70 - 130	25
Trichlorofluoromethane	ND	0.178	ND	1.00	98	2.17	1.85	0.387	0.329	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	91	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	100	%	100	%	100	93	93	93	93	NC	70 - 130	25

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

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

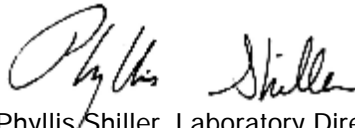
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
July 21, 2016

Sample Criteria Exceedences Report

GBN60721 - EBC

Criteria: None

State: NY

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

*** No Data to Display ***

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



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



Analysis Comments

July 21, 2016

SDG I.D.: GBN60721

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860-945-1107 • Fax: 860-645-0953

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426
email: greg@phoenixlabs.com

P.O. # _____ Page _____ of _____

Data Delivery: Fax #: _____

Email: creilly@phoenixny.com

Phone #: _____

Report to: Chawinie Raily

Customer: EBC

Address: _____

Invoice to: EBC

Sampled by: Thomas Gallo

Project Name: 39-40 30th Street Queens NY

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)	MATRIX		ANALYSES
													Ambient/Indoor Air	Soil Gas	
60721	Indoor Air Second Floor 03	13647	6.0	-30	-3	4961	10.8	9:24	17:26	6-21-16	-30	-5	X		X
60722	Indoor Air Second Floor 04	365	6.0	-30	-4	3505		9:26	17:25	6-21-16	-30	-5	X		X
60723	Do Not use analyze	225	6.0	-30		5701		<u>Do Not analyze</u>							
60724	SG 16	358	6.0	-30	-6	4490		9:31	17:44	6-21-16	-30	-6	X		X
60725	SG 17	484	6.0	-30	-3	4484		9:32	17:30	6-21-16	-30	-5	X		X
60726	SG 22	460	6.0	-30	-2	3188		9:34	17:07	6-21-16	-30	-1	X		X
60726	Carbon Discharge	10846	6.0	-30	-3	5354		9:36	17:10	6-21-16	-30	-4	X		X
60727	Elevator Pit	219	6.0	-30	-4	4454		9:39	17:40	6-21-16	-30	-5	X		X
	Not used	19165	6.0	-30		5350		<u>not used</u>							
	608 hrs														

Relinquished by: Thomas Gallo Date: 6-22-16 Time: 8:30

Accepted by: [Signature] Date: 6-22-16 Time: 15:23

Data Format: Excel Equis GISKey

PDF Other: _____

Requested Criteria: _____

Requested Deliverables: ASP B DELIVERABLES, NY EC EDD

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: _____

225 Do Not ~~use~~ analyze

19165 Not used



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

Coolant: Yes No
 IPK ICE No No

Temp Y ° C Pg of

Contact Options:

Fax:
 Phone:
 Email:

Customer: ERC
 Address: _____
 Project P.O.: _____
 Report to: _____
 Invoice to: _____

This section **MUST** be completed with Bottle Quantities.

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
	Can # 214				GL VOA Yaks [methanol] 100
	Can # 12872				GL VOA Yaks [methanol] 100
					GL Soil container () oz
					GL Soil container () oz
					40 ml VOA Vial () as is [HCl]
					GL Amber 1000ml () as is [HCl]
					PL H2SO4 [] 250ml [] 500ml [] 1000ml
					PL HNO3 250ml
					PL NaOH 250ml
					Bacteria Bottle

Relinquished by: [Signature] Accepted by: [Signature] Date: 6-22-16 Time: 9:34

Turnaround: 1 Day* 2 Days* 3 Days* 5 Days 10 Days Other

*SURCHARGE APPLIES

State where samples were collected: _____

Comments, Special Requirements or Regulations:
 Did Not Use
 Did not submit w/ summaries on same C.O.C.

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 _____

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
(860) 645-1102

Lab Sample Id
Collection Date
Client Id
Matrix

BN89211
8/8/2016
INDOOR AIR 2ND FLOOR 03
Air

BN89212
8/8/2016
INDOOR AIR 2ND FLOOR 04
Air

BN89213
8/8/2016
SG 16
Air

BN89214
8/8/2016
SG 17
Air

BN89215
8/8/2016
SG 22
Air

BN89216
8/8/2016
CARBON DISCHARGE
Air

BN89217
8/8/2016
ELEVATOR PIT
Air

Project Id: 39-40 30TH ST SITE

CAS	Units	BN89211				BN89212				BN89213				BN89214				BN89215				BN89216				BN89217							
		Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL				
Volatiles (TO15) By TO15																																	
1,1,1,2-Tetrachloroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,1,1-Trichloroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,1,2,2-Tetrachloroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,1,2-Trichloroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,1-Dichloroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,1-Dichloroethene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,2,4-Trichlorobenzene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,2,4-Trimethylbenzene	ug/m3	2.45	1.00	U	1.00	2.99	1.00	U	1.00	8.2	1.00	U	1.00	2.51	1.00	U	1.00	2.35	1.00	U	1.00	8.06	1.00	U	1.00	7.57	1.00	U	1.00	7.57	1.00	U	
1,2-Dibromoethane(EDB)	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,2-Dichlorobenzene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,2-Dichloroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,2-dichloropropane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,2-Dichlorotrifluoroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,3,5-Trimethylbenzene	ug/m3	<1.00	1.00	U	1.00	1.02	1.00	U	1.00	2.42	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	2.16	1.00	2.07	1.00
1,3-Butadiene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,3-Dichlorobenzene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.53	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	2.64	1.00	U	1.00	2.55	1.00	U	1.00	2.55	1.00	U	
1,4-Dichlorobenzene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,4-Dioxane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
2-Hexanone(MBK)	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	3.48	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.81	1.00	U	1.00	1.08	1.00	U	1.00	6.55	1.00	1.08	
4-Ethyltoluene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.03	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.08	1.00	U	1.00	1.08	1.00	U	1.00	1.08	1.00	1.08	
4-Isopropyltoluene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.09	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	3.29	1.00	U	1.00	1.08	1.00	U	1.00	1.08	1.00	1.08	
4-Methyl-2-pentanone(MIBK)	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.13	1.00	U	1.00	1.02	1.00	U	1.00	1.02	1.00	U	1.00	<1.00	1.00	U	1.00	1.08	1.00	U	1.00	1.08	1.00	1.08	
Acetone	ug/m3	<1.00	1.00	U	1.00	50.8	1.00	U	1.00	60.5	1.00	U	1.00	60.8	1.00	U	1.00	55.8	1.00	U	1.00	21.9	1.00	U	1.00	91.6	1.00	U	1.00	91.6	1.00	91.6	
Acrylonitrile	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Benzene	ug/m3	<1.00	1.00	U	1.00	1.35	1.00	U	1.00	1.57	1.00	U	1.00	1.39	1.00	U	1.00	1.4	1.00	U	1.00	1.47	1.00	U	1.00	1.47	1.00	U	1.00	1.47	1.00	1.47	
Benzyl chloride	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Bromodichloromethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Bromoform	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Bromomethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Carbon Disulfide	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.14	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.19	1.00	1.19	
Carbon Tetrachloride	ug/m3	0.54	0.25	U	0.25	0.55	0.25	U	0.25	0.57	0.25	U	0.25	0.51	0.25	U	0.25	0.52	0.25	U	0.25	0.25	0.25	U	0.25	0.51	0.25	U	0.25	0.51	0.25	0.51	
Chlorobenzene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Chloroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Chloroform	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Chloromethane	ug/m3	1.39	1.00	U	1.00	1.36	1.00	U	1.00	1.34	1.00	U																					



Thursday, August 25, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST SITE
Sample ID#s: BN89211 - BN89217

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.

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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 ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 39-40 30TH ST SITE
Laboratory Project: GBN89211



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

August 25, 2016

SDG I.D.: GBN89211

Environmental Business Consultants 39-40 30TH ST SITE

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
INDOOR AIR 2ND FLOOR 03	BN89211	AIR
INDOOR AIR 2ND FLOOR 04	BN89212	AIR
SG 16	BN89213	AIR
SG 17	BN89214	AIR
SG 22	BN89215	AIR
CARBON DISCHARGE	BN89216	AIR
ELEVATOR PIT	BN89217	AIR



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

August 25, 2016

SDG I.D.: GBN89211

Environmental Business Consultants 39-40 30TH ST SITE

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BN89211	Volatiles (TO15)	08/08/16	08/09/16	08/09/16	KCA	Y
BN89212	Volatiles (TO15)	08/08/16	08/10/16	08/10/16	KCA	Y
BN89213	Volatiles (TO15)	08/08/16	08/10/16	08/10/16	KCA	Y
BN89214	Volatiles (TO15)	08/08/16	08/10/16	08/10/16	KCA	Y
BN89215	Volatiles (TO15)	08/08/16	08/10/16	08/10/16	KCA	Y
BN89216	Volatiles (TO15)	08/08/16	08/10/16	08/10/16	KCA	Y
BN89217	Volatiles (TO15)	08/08/16	08/10/16	08/10/16	KCA	Y



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



SDG Comments

August 25, 2016

SDG I.D.: GBN89211

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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

Analysis Report
 August 25, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 230

Custody Information

Collected by: CR
 Received by: SW
 Analyzed by: see "By" below

Date Time
 08/08/16 17:27
 08/09/16 16:49

Laboratory Data

SDG ID: GBN89211
 Phoenix ID: BN89211

Project ID: 39-40 30TH ST SITE
 Client ID: INDOOR AIR 2ND FLOOR 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	08/09/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	08/09/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	08/09/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	08/09/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	08/09/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/09/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	08/09/16	KCA	1	
1,2,4-Trimethylbenzene	0.498	0.204	0.204	2.45	1.00	1.00	08/09/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	08/09/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/09/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	08/09/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	08/09/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	08/09/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	08/09/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	08/09/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/09/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/09/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	08/09/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	08/09/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	08/09/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	08/09/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	08/09/16	KCA	1	
Acetone	17.8	0.421	0.421	42.3	1.00	1.00	08/09/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	08/09/16	KCA	1	
Benzene	0.335	0.313	0.313	1.07	1.00	1.00	08/09/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	08/09/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	08/09/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	08/09/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	08/09/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	08/09/16	KCA	1
Carbon Tetrachloride	0.086	0.040	0.040	0.54	0.25	0.25	08/09/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	08/09/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	08/09/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	08/09/16	KCA	1
Chloromethane	0.674	0.485	0.485	1.39	1.00	1.00	08/09/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/09/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	08/09/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	08/09/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	08/09/16	KCA	1
Dichlorodifluoromethane	0.604	0.202	0.202	2.99	1.00	1.00	08/09/16	KCA	1
Ethanol	372	E 0.531	0.531	700	1.00	1.00	08/09/16	KCA	1
Ethyl acetate	0.863	0.278	0.278	3.11	1.00	1.00	08/09/16	KCA	1
Ethylbenzene	0.415	0.230	0.230	1.80	1.00	1.00	08/09/16	KCA	1
Heptane	0.465	0.244	0.244	1.90	1.00	1.00	08/09/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	08/09/16	KCA	1
Hexane	2.01	S 0.284	0.284	7.08	1.00	1.00	08/09/16	KCA	1
Isopropylalcohol	12.6	0.407	0.407	31.0	1.00	1.00	08/09/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	08/09/16	KCA	1
m,p-Xylene	1.35	0.230	0.230	5.86	1.00	1.00	08/09/16	KCA	1
Methyl Ethyl Ketone	0.933	0.339	0.339	2.75	1.00	1.00	08/09/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	08/09/16	KCA	1
Methylene Chloride	5.16	0.288	0.288	17.9	1.00	1.00	08/09/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	08/09/16	KCA	1
o-Xylene	0.495	0.230	0.230	2.15	1.00	1.00	08/09/16	KCA	1
Propylene	2.70	0.581	0.581	4.64	1.00	1.00	08/09/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	08/09/16	KCA	1
Styrene	0.273	0.235	0.235	1.16	1.00	1.00	08/09/16	KCA	1
Tetrachloroethene	1.66	0.037	0.037	11.3	0.25	0.25	08/09/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	08/09/16	KCA	1
Toluene	2.89	0.266	0.266	10.9	1.00	1.00	08/09/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/09/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	08/09/16	KCA	1
Trichloroethene	2.31	0.047	0.047	12.4	0.25	0.25	08/09/16	KCA	1
Trichlorofluoromethane	0.797	0.178	0.178	4.48	1.00	1.00	08/09/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	08/09/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	08/09/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	99	%	%	99	%	%	08/09/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

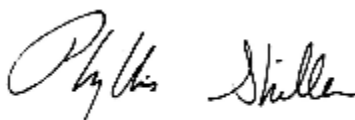
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

August 25, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

August 25, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 19630

Custody Information

Collected by: CR
 Received by: SW
 Analyzed by: see "By" below

Date: 08/08/16 17:28
 08/09/16 16:49

Laboratory Data

SDG ID: GBN89211
 Phoenix ID: BN89212

Project ID: 39-40 30TH ST SITE
 Client ID: INDOOR AIR 2ND FLOOR 04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	08/10/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	08/10/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	08/10/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	08/10/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	08/10/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/10/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	08/10/16	KCA	1	
1,2,4-Trimethylbenzene	0.608	0.204	0.204	2.99	1.00	1.00	08/10/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	08/10/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/10/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	08/10/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	08/10/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	08/10/16	KCA	1	
1,3,5-Trimethylbenzene	0.208	0.204	0.204	1.02	1.00	1.00	08/10/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	08/10/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/10/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/10/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	08/10/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	08/10/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	08/10/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	08/10/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	08/10/16	KCA	1	
Acetone	21.4	0.421	0.421	50.8	1.00	1.00	08/10/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	08/10/16	KCA	1	
Benzene	0.424	0.313	0.313	1.35	1.00	1.00	08/10/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	08/10/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	08/10/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	08/10/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	08/10/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	08/10/16	KCA	1
Carbon Tetrachloride	0.088	0.040	0.040	0.55	0.25	0.25	08/10/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	08/10/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	08/10/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	08/10/16	KCA	1
Chloromethane	0.659	0.485	0.485	1.36	1.00	1.00	08/10/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/10/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	08/10/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	08/10/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	08/10/16	KCA	1
Dichlorodifluoromethane	0.535	0.202	0.202	2.64	1.00	1.00	08/10/16	KCA	1
Ethanol	401	E 0.531	0.531	755	1.00	1.00	08/10/16	KCA	1
Ethyl acetate	0.966	0.278	0.278	3.48	1.00	1.00	08/10/16	KCA	1
Ethylbenzene	0.590	0.230	0.230	2.56	1.00	1.00	08/10/16	KCA	1
Heptane	0.523	0.244	0.244	2.14	1.00	1.00	08/10/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	08/10/16	KCA	1
Hexane	1.78	S 0.284	0.284	6.27	1.00	1.00	08/10/16	KCA	1
Isopropylalcohol	13.1	0.407	0.407	32.2	1.00	1.00	08/10/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	08/10/16	KCA	1
m,p-Xylene	1.84	0.230	0.230	7.98	1.00	1.00	08/10/16	KCA	1
Methyl Ethyl Ketone	1.02	0.339	0.339	3.01	1.00	1.00	08/10/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	08/10/16	KCA	1
Methylene Chloride	0.823	S 0.288	0.288	2.86	1.00	1.00	08/10/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	08/10/16	KCA	1
o-Xylene	0.676	0.230	0.230	2.93	1.00	1.00	08/10/16	KCA	1
Propylene	6.96	0.581	0.581	12.0	1.00	1.00	08/10/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	08/10/16	KCA	1
Styrene	0.361	0.235	0.235	1.54	1.00	1.00	08/10/16	KCA	1
Tetrachloroethene	1.97	0.037	0.037	13.4	0.25	0.25	08/10/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	08/10/16	KCA	1
Toluene	3.50	0.266	0.266	13.2	1.00	1.00	08/10/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/10/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	08/10/16	KCA	1
Trichloroethene	4.11	0.047	0.047	22.1	0.25	0.25	08/10/16	KCA	1
Trichlorofluoromethane	0.764	0.178	0.178	4.29	1.00	1.00	08/10/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	08/10/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	08/10/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	08/10/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

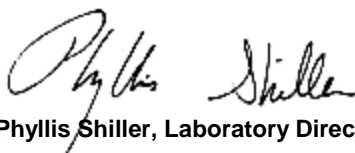
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

August 25, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

August 25, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 490

Custody Information

Collected by: CR
 Received by: SW
 Analyzed by: see "By" below

Date: 08/08/16 16:34
 08/09/16 16:49

Project ID: 39-40 30TH ST SITE
 Client ID: SG 16

Laboratory Data

SDG ID: GBN89211
 Phoenix ID: BN89213

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	08/10/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	08/10/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	08/10/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	08/10/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	08/10/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/10/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	08/10/16	KCA	1
1,2,4-Trimethylbenzene	1.67	0.204	0.204	8.20	1.00	1.00	08/10/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	08/10/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/10/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	08/10/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	08/10/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	08/10/16	KCA	1
1,3,5-Trimethylbenzene	0.492	0.204	0.204	2.42	1.00	1.00	08/10/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	08/10/16	KCA	1
1,3-Dichlorobenzene	0.254	0.166	0.166	1.53	1.00	1.00	08/10/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/10/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	08/10/16	KCA	1
2-Hexanone(MBK)	0.849	0.244	0.244	3.48	1.00	1.00	08/10/16	KCA	1
4-Ethyltoluene	0.210	0.204	0.204	1.03	1.00	1.00	08/10/16	KCA	1
4-Isopropyltoluene	0.199	0.182	0.182	1.09	1.00	1.00	08/10/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.277	0.244	0.244	1.13	1.00	1.00	08/10/16	KCA	1
Acetone	25.5	0.421	0.421	60.5	1.00	1.00	08/10/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	08/10/16	KCA	1
Benzene	0.493	0.313	0.313	1.57	1.00	1.00	08/10/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	08/10/16	KCA	1

Client ID: SG 16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	08/10/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	08/10/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	08/10/16	KCA	1
Carbon Disulfide	0.365	0.321	0.321	1.14	1.00	1.00	08/10/16	KCA	1
Carbon Tetrachloride	0.090	0.040	0.040	0.57	0.25	0.25	08/10/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	08/10/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	08/10/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	08/10/16	KCA	1
Chloromethane	0.649	0.485	0.485	1.34	1.00	1.00	08/10/16	KCA	1
Cis-1,2-Dichloroethene	1.42	0.252	0.252	5.63	1.00	1.00	08/10/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	08/10/16	KCA	1
Cyclohexane	0.312	0.291	0.291	1.07	1.00	1.00	08/10/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	08/10/16	KCA	1
Dichlorodifluoromethane	0.528	0.202	0.202	2.61	1.00	1.00	08/10/16	KCA	1
Ethanol	160	E 0.531	0.531	301	1.00	1.00	08/10/16	KCA	1
Ethyl acetate	0.877	0.278	0.278	3.16	1.00	1.00	08/10/16	KCA	1
Ethylbenzene	1.27	0.230	0.230	5.51	1.00	1.00	08/10/16	KCA	1
Heptane	0.690	0.244	0.244	2.83	1.00	1.00	08/10/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	08/10/16	KCA	1
Hexane	1.46	S 0.284	0.284	5.14	1.00	1.00	08/10/16	KCA	1
Isopropylalcohol	8.84	0.407	0.407	21.7	1.00	1.00	08/10/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	08/10/16	KCA	1
m,p-Xylene	4.17	0.230	0.230	18.1	1.00	1.00	08/10/16	KCA	1
Methyl Ethyl Ketone	5.26	0.339	0.339	15.5	1.00	1.00	08/10/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	08/10/16	KCA	1
Methylene Chloride	0.618	S 0.288	0.288	2.15	1.00	1.00	08/10/16	KCA	1
n-Butylbenzene	0.256	0.182	0.182	1.40	1.00	1.00	08/10/16	KCA	1
o-Xylene	1.36	0.230	0.230	5.90	1.00	1.00	08/10/16	KCA	1
Propylene	3.99	0.581	0.581	6.86	1.00	1.00	08/10/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	08/10/16	KCA	1
Styrene	1.77	0.235	0.235	7.54	1.00	1.00	08/10/16	KCA	1
Tetrachloroethene	1.93	0.037	0.037	13.1	0.25	0.25	08/10/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	08/10/16	KCA	1
Toluene	2.95	0.266	0.266	11.1	1.00	1.00	08/10/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/10/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	08/10/16	KCA	1
Trichloroethene	5.56	0.047	0.047	29.9	0.25	0.25	08/10/16	KCA	1
Trichlorofluoromethane	0.554	0.178	0.178	3.11	1.00	1.00	08/10/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	08/10/16	KCA	1
Vinyl Chloride	0.228	0.098	0.098	0.58	0.25	0.25	08/10/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	104	%	%	104	%	%	08/10/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

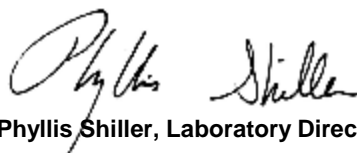
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

August 25, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

August 25, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 223

Custody Information

Collected by: CR
 Received by: SW
 Analyzed by: see "By" below

Date: 08/08/16 17:00
 08/09/16 16:49

Project ID: 39-40 30TH ST SITE
 Client ID: SG 17

Laboratory Data

SDG ID: GBN89211
 Phoenix ID: BN89214

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	08/10/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	08/10/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	08/10/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	08/10/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	08/10/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/10/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	08/10/16	KCA	1
1,2,4-Trimethylbenzene	0.511	0.204	0.204	2.51	1.00	1.00	08/10/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	08/10/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/10/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	08/10/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	08/10/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	08/10/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	08/10/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	08/10/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/10/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/10/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	08/10/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	08/10/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	08/10/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	08/10/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.250	0.244	0.244	1.02	1.00	1.00	08/10/16	KCA	1
Acetone	25.6	0.421	0.421	60.8	1.00	1.00	08/10/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	08/10/16	KCA	1
Benzene	0.436	0.313	0.313	1.39	1.00	1.00	08/10/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	08/10/16	KCA	1

Client ID: SG 17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	08/10/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	08/10/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	08/10/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	08/10/16	KCA	1
Carbon Tetrachloride	0.081	0.040	0.040	0.51	0.25	0.25	08/10/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	08/10/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	08/10/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	08/10/16	KCA	1
Chloromethane	0.648	0.485	0.485	1.34	1.00	1.00	08/10/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/10/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	08/10/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	08/10/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	08/10/16	KCA	1
Dichlorodifluoromethane	0.495	0.202	0.202	2.45	1.00	1.00	08/10/16	KCA	1
Ethanol	170	E 0.531	0.531	320	1.00	1.00	08/10/16	KCA	1
Ethyl acetate	1.27	0.278	0.278	4.57	1.00	1.00	08/10/16	KCA	1
Ethylbenzene	0.687	0.230	0.230	2.98	1.00	1.00	08/10/16	KCA	1
Heptane	0.441	0.244	0.244	1.81	1.00	1.00	08/10/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	08/10/16	KCA	1
Hexane	0.774	S 0.284	0.284	2.73	1.00	1.00	08/10/16	KCA	1
Isopropylalcohol	7.72	0.407	0.407	19.0	1.00	1.00	08/10/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	08/10/16	KCA	1
m,p-Xylene	1.92	0.230	0.230	8.33	1.00	1.00	08/10/16	KCA	1
Methyl Ethyl Ketone	1.40	0.339	0.339	4.13	1.00	1.00	08/10/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	08/10/16	KCA	1
Methylene Chloride	0.722	S 0.288	0.288	2.51	1.00	1.00	08/10/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	08/10/16	KCA	1
o-Xylene	0.704	0.230	0.230	3.06	1.00	1.00	08/10/16	KCA	1
Propylene	13.3	0.581	0.581	22.9	1.00	1.00	08/10/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	08/10/16	KCA	1
Styrene	0.497	0.235	0.235	2.12	1.00	1.00	08/10/16	KCA	1
Tetrachloroethene	1.71	0.037	0.037	11.6	0.25	0.25	08/10/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	08/10/16	KCA	1
Toluene	3.48	0.266	0.266	13.1	1.00	1.00	08/10/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/10/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	08/10/16	KCA	1
Trichloroethene	3.08	0.047	0.047	16.5	0.25	0.25	08/10/16	KCA	1
Trichlorofluoromethane	0.535	0.178	0.178	3.00	1.00	1.00	08/10/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	08/10/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	08/10/16	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	101	%	%	101	%	%	08/10/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

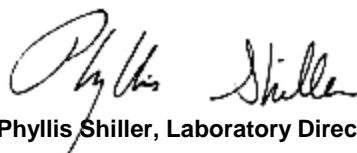
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

August 25, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

August 25, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 497

Custody Information

Collected by: CR
 Received by: SW
 Analyzed by: see "By" below

Date: 08/08/16 17:42
 08/09/16 16:49

Project ID: 39-40 30TH ST SITE
 Client ID: SG 22

Laboratory Data

SDG ID: GBN89211
 Phoenix ID: BN89215

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	08/10/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	08/10/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	08/10/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	08/10/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	08/10/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/10/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	08/10/16	KCA	1
1,2,4-Trimethylbenzene	0.478	0.204	0.204	2.35	1.00	1.00	08/10/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	08/10/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/10/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	08/10/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	08/10/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	08/10/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	08/10/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	08/10/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/10/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/10/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	08/10/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	08/10/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	08/10/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	08/10/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.248	0.244	0.244	1.02	1.00	1.00	08/10/16	KCA	1
Acetone	23.5	0.421	0.421	55.8	1.00	1.00	08/10/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	08/10/16	KCA	1
Benzene	0.440	0.313	0.313	1.40	1.00	1.00	08/10/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	08/10/16	KCA	1

Client ID: SG 22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	08/10/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	08/10/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	08/10/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	08/10/16	KCA	1
Carbon Tetrachloride	0.082	0.040	0.040	0.52	0.25	0.25	08/10/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	08/10/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	08/10/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	08/10/16	KCA	1
Chloromethane	0.653	0.485	0.485	1.35	1.00	1.00	08/10/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/10/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	08/10/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	08/10/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	08/10/16	KCA	1
Dichlorodifluoromethane	0.480	0.202	0.202	2.37	1.00	1.00	08/10/16	KCA	1
Ethanol	172	E 0.531	0.531	324	1.00	1.00	08/10/16	KCA	1
Ethyl acetate	1.17	0.278	0.278	4.21	1.00	1.00	08/10/16	KCA	1
Ethylbenzene	0.790	0.230	0.230	3.43	1.00	1.00	08/10/16	KCA	1
Heptane	0.466	0.244	0.244	1.91	1.00	1.00	08/10/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	08/10/16	KCA	1
Hexane	0.976	S 0.284	0.284	3.44	1.00	1.00	08/10/16	KCA	1
Isopropylalcohol	7.24	0.407	0.407	17.8	1.00	1.00	08/10/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	08/10/16	KCA	1
m,p-Xylene	2.36	0.230	0.230	10.2	1.00	1.00	08/10/16	KCA	1
Methyl Ethyl Ketone	1.12	0.339	0.339	3.30	1.00	1.00	08/10/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	08/10/16	KCA	1
Methylene Chloride	0.657	S 0.288	0.288	2.28	1.00	1.00	08/10/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	08/10/16	KCA	1
o-Xylene	0.831	0.230	0.230	3.61	1.00	1.00	08/10/16	KCA	1
Propylene	11.5	0.581	0.581	19.8	1.00	1.00	08/10/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	08/10/16	KCA	1
Styrene	0.491	0.235	0.235	2.09	1.00	1.00	08/10/16	KCA	1
Tetrachloroethene	1.70	0.037	0.037	11.5	0.25	0.25	08/10/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	08/10/16	KCA	1
Toluene	3.63	0.266	0.266	13.7	1.00	1.00	08/10/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/10/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	08/10/16	KCA	1
Trichloroethene	2.93	0.047	0.047	15.7	0.25	0.25	08/10/16	KCA	1
Trichlorofluoromethane	0.525	0.178	0.178	2.95	1.00	1.00	08/10/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	08/10/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	08/10/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	08/10/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

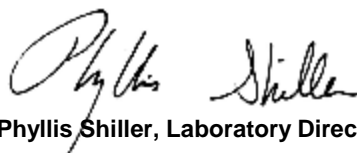
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

August 25, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 August 25, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 474

Custody Information

Collected by: CR
 Received by: SW
 Analyzed by: see "By" below

Date Time
 08/08/16 17:20
 08/09/16 16:49

Laboratory Data

SDG ID: GBN89211
 Phoenix ID: BN89216

Project ID: 39-40 30TH ST SITE
 Client ID: CARBON DISCHARGE

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	08/10/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	08/10/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	08/10/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	08/10/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	08/10/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/10/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	08/10/16	KCA	1	
1,2,4-Trimethylbenzene	1.64	0.204	0.204	8.06	1.00	1.00	08/10/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	08/10/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/10/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	08/10/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	08/10/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	08/10/16	KCA	1	
1,3,5-Trimethylbenzene	0.440	0.204	0.204	2.16	1.00	1.00	08/10/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	08/10/16	KCA	1	
1,3-Dichlorobenzene	0.273	0.166	0.166	1.64	1.00	1.00	08/10/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/10/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	08/10/16	KCA	1	
2-Hexanone(MBK)	0.443	0.244	0.244	1.81	1.00	1.00	08/10/16	KCA	1	1
4-Ethyltoluene	0.220	0.204	0.204	1.08	1.00	1.00	08/10/16	KCA	1	1
4-Isopropyltoluene	0.199	0.182	0.182	1.09	1.00	1.00	08/10/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	08/10/16	KCA	1	
Acetone	9.23	0.421	0.421	21.9	1.00	1.00	08/10/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	08/10/16	KCA	1	
Benzene	ND	0.313	0.313	ND	1.00	1.00	08/10/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	08/10/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	08/10/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	08/10/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	08/10/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	08/10/16	KCA	1
Carbon Tetrachloride	ND	0.040	0.040	ND	0.25	0.25	08/10/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	08/10/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	08/10/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	08/10/16	KCA	1
Chloromethane	0.684	0.485	0.485	1.41	1.00	1.00	08/10/16	KCA	1
Cis-1,2-Dichloroethene	0.547	0.252	0.252	2.17	1.00	1.00	08/10/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	08/10/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	08/10/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	08/10/16	KCA	1
Dichlorodifluoromethane	0.431	0.202	0.202	2.13	1.00	1.00	08/10/16	KCA	1
Ethanol	146	E 0.531	0.531	275	1.00	1.00	08/10/16	KCA	1
Ethyl acetate	0.441	0.278	0.278	1.59	1.00	1.00	08/10/16	KCA	1
Ethylbenzene	0.956	0.230	0.230	4.15	1.00	1.00	08/10/16	KCA	1
Heptane	0.260	0.244	0.244	1.06	1.00	1.00	08/10/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	08/10/16	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	08/10/16	KCA	1
Isopropylalcohol	3.74	S 0.407	0.407	9.19	1.00	1.00	08/10/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	08/10/16	KCA	1
m,p-Xylene	3.27	0.230	0.230	14.2	1.00	1.00	08/10/16	KCA	1
Methyl Ethyl Ketone	3.39	0.339	0.339	10.0	1.00	1.00	08/10/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	08/10/16	KCA	1
Methylene Chloride	0.436	S 0.288	0.288	1.51	1.00	1.00	08/10/16	KCA	1
n-Butylbenzene	0.237	0.182	0.182	1.30	1.00	1.00	08/10/16	KCA	1
o-Xylene	1.08	0.230	0.230	4.69	1.00	1.00	08/10/16	KCA	1
Propylene	3.92	0.581	0.581	6.74	1.00	1.00	08/10/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	08/10/16	KCA	1
Styrene	1.45	0.235	0.235	6.17	1.00	1.00	08/10/16	KCA	1
Tetrachloroethene	0.894	0.037	0.037	6.06	0.25	0.25	08/10/16	KCA	1
Tetrahydrofuran	0.494	0.339	0.339	1.46	1.00	1.00	08/10/16	KCA	1
Toluene	1.68	0.266	0.266	6.33	1.00	1.00	08/10/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/10/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	08/10/16	KCA	1
Trichloroethene	0.921	0.047	0.047	4.95	0.25	0.25	08/10/16	KCA	1
Trichlorofluoromethane	0.227	0.178	0.178	1.27	1.00	1.00	08/10/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	08/10/16	KCA	1
Vinyl Chloride	0.280	0.098	0.098	0.72	0.25	0.25	08/10/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	104	%	%	104	%	%	08/10/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

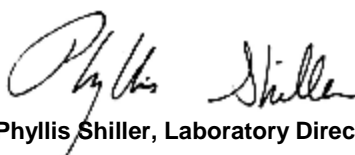
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

August 25, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

August 25, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 19924

Custody Information

Collected by: CR
 Received by: SW
 Analyzed by: see "By" below

Date: 08/08/16 17:34
 08/09/16 16:49

Project ID: 39-40 30TH ST SITE
 Client ID: ELEVATOR PIT

Laboratory Data

SDG ID: GBN89211
 Phoenix ID: BN89217

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	08/10/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	08/10/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	08/10/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	08/10/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	08/10/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/10/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	08/10/16	KCA	1
1,2,4-Trimethylbenzene	1.54	0.204	0.204	7.57	1.00	1.00	08/10/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	08/10/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/10/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	08/10/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	08/10/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	08/10/16	KCA	1
1,3,5-Trimethylbenzene	0.422	0.204	0.204	2.07	1.00	1.00	08/10/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	08/10/16	KCA	1
1,3-Dichlorobenzene	0.358	0.166	0.166	2.15	1.00	1.00	08/10/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	08/10/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	08/10/16	KCA	1
2-Hexanone(MBK)	1.60	0.244	0.244	6.55	1.00	1.00	08/10/16	KCA	1
4-Ethyltoluene	0.209	0.204	0.204	1.03	1.00	1.00	08/10/16	KCA	1
4-Isopropyltoluene	0.196	0.182	0.182	1.08	1.00	1.00	08/10/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.263	0.244	0.244	1.08	1.00	1.00	08/10/16	KCA	1
Acetone	38.6	0.421	0.421	91.6	1.00	1.00	08/10/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	08/10/16	KCA	1
Benzene	0.460	0.313	0.313	1.47	1.00	1.00	08/10/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	08/10/16	KCA	1

Client ID: ELEVATOR PIT

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	08/10/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	08/10/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	08/10/16	KCA	1
Carbon Disulfide	0.384	0.321	0.321	1.19	1.00	1.00	08/10/16	KCA	1
Carbon Tetrachloride	0.081	0.040	0.040	0.51	0.25	0.25	08/10/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	08/10/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	08/10/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	08/10/16	KCA	1
Chloromethane	0.695	0.485	0.485	1.43	1.00	1.00	08/10/16	KCA	1
Cis-1,2-Dichloroethene	1.62	0.252	0.252	6.42	1.00	1.00	08/10/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	08/10/16	KCA	1
Cyclohexane	0.321	0.291	0.291	1.10	1.00	1.00	08/10/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	08/10/16	KCA	1
Dichlorodifluoromethane	0.513	0.202	0.202	2.54	1.00	1.00	08/10/16	KCA	1
Ethanol	60.6	E 0.531	0.531	114	1.00	1.00	08/10/16	KCA	1
Ethyl acetate	1.23	0.278	0.278	4.43	1.00	1.00	08/10/16	KCA	1
Ethylbenzene	1.22	0.230	0.230	5.29	1.00	1.00	08/10/16	KCA	1
Heptane	0.629	0.244	0.244	2.58	1.00	1.00	08/10/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	08/10/16	KCA	1
Hexane	0.850	S 0.284	0.284	2.99	1.00	1.00	08/10/16	KCA	1
Isopropylalcohol	6.01	0.407	0.407	14.8	1.00	1.00	08/10/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	08/10/16	KCA	1
m,p-Xylene	3.84	0.230	0.230	16.7	1.00	1.00	08/10/16	KCA	1
Methyl Ethyl Ketone	22.5	0.339	0.339	66.3	1.00	1.00	08/10/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	08/10/16	KCA	1
Methylene Chloride	0.913	S 0.288	0.288	3.17	1.00	1.00	08/10/16	KCA	1
n-Butylbenzene	0.238	0.182	0.182	1.31	1.00	1.00	08/10/16	KCA	1
o-Xylene	1.26	0.230	0.230	5.47	1.00	1.00	08/10/16	KCA	1
Propylene	15.6	0.581	0.581	26.8	1.00	1.00	08/10/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	08/10/16	KCA	1
Styrene	1.45	0.235	0.235	6.17	1.00	1.00	08/10/16	KCA	1
Tetrachloroethene	1.69	0.037	0.037	11.5	0.25	0.25	08/10/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	08/10/16	KCA	1
Toluene	3.01	0.266	0.266	11.3	1.00	1.00	08/10/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	08/10/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	08/10/16	KCA	1
Trichloroethene	3.55	0.047	0.047	19.1	0.25	0.25	08/10/16	KCA	1
Trichlorofluoromethane	0.526	0.178	0.178	2.95	1.00	1.00	08/10/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	08/10/16	KCA	1
Vinyl Chloride	0.785	0.098	0.098	2.01	0.25	0.25	08/10/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	106	%	%	106	%	%	08/10/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

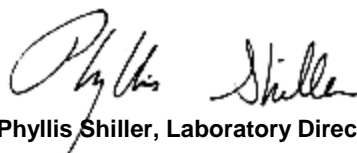
Comments:

E = Estimated value quantitated above calibration range for this compound.

S - Laboratory solvent, contamination is possible.

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

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

August 25, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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



QA/QC Report

August 25, 2016

QA/QC Data

SDG I.D.: GBN89211

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 355189 (ppbv), QC Sample No: BN89211 (BN89211, BN89212, BN89213, BN89214, BN89215, BN89216, BN89217)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.183	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.183	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	136	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	108	2.45	2.51	0.498	0.511	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.166	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.247	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.216	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.452	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.166	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.166	ND	1.00	120	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.278	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.204	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.421	ND	1.00	106	42.3	42.3	17.8	17.8	0.0	70 - 130	25
Acrylonitrile	ND	0.461	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.313	ND	1.00	104	1.07	1.14	0.335	0.357	NC	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	135	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.149	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.257	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.321	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	113	0.54	0.56	0.086	0.089	NC	70 - 130	25
Chlorobenzene	ND	0.217	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.379	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	105	ND	1.37	ND	0.280	NC	70 - 130	25
Chloromethane	ND	0.484	ND	1.00	103	1.39	1.20	0.674	0.580	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	108	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.291	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.117	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.202	ND	1.00	111	2.99	2.99	0.604	0.605	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	91	700	763	372	405	8.5	70 - 130	25
Ethyl acetate	ND	0.278	ND	1.00	115	3.11	3.18	0.863	0.883	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	109	1.80	1.90	0.415	0.438	NC	70 - 130	25
Heptane	ND	0.244	ND	1.00	112	1.90	1.93	0.465	0.472	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	146	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.284	ND	1.00	106	7.08 S	3.23 S	2.01 S	0.918 S	NC	70 - 130	25
Isopropylalcohol	ND	0.407	ND	1.00	103	31.0	32.4	12.6	13.2	4.7	70 - 130	25

QA/QC Data

SDG I.D.: GBN89211

Parameter	Bik ppbv	Bik RL ppbv	Bik ug/m3	Bik RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Isopropylbenzene	ND	0.204	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	108	5.86	6.16	1.35	1.42	5.1	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	102	2.75	2.08	0.933	0.705	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	115	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	103	17.9	23.5	5.16	6.76	26.8	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	115	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	105	2.15	2.23	0.495	0.514	NC	70 - 130	25
Propylene	ND	0.581	ND	1.00	104	4.64	4.82	2.70	2.80	NC	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.235	ND	1.00	117	1.16	1.20	0.273	0.282	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	115	11.3	10.6	1.66	1.56	6.2	70 - 130	25
Tetrahydrofuran	ND	0.339	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.266	ND	1.00	114	10.8	10.5	2.88	2.78	3.5	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	115	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	113	12.4	12.0	2.31	2.24	3.1	70 - 130	25
Trichlorofluoromethane	ND	0.178	ND	1.00	107	4.48	4.17	0.797	0.742	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	105	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	109	%	109	%	101	99	101	99	101	NC	70 - 130	25

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

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

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

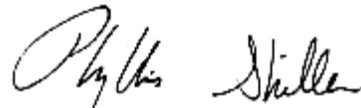
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

August 25, 2016

Criteria: None

State: NY

Sample Criteria Exceedences Report

GBN89211 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

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





587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Telephone 860-645-1102 • Fax 860-645-0823

CHAIN OF CUSTODY RECORD

AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page

of

Data Delivery:

Fax #:

Email: creilly@elabsinc.com

Phone #:

Report to:	Invoice to: EBC		Project Name:	3940 30th St Site		TO-15						
Customer: EBC	Requested Deliverable: RCP <input type="checkbox"/> ASP CAT B <input checked="" type="checkbox"/>		Requested Deliverable:	MCP <input type="checkbox"/> NI Deliverables <input type="checkbox"/>		TO-14						
Address:	Sampled by: C. Reilly		State where samples collected:	NY		Soil Gas						
THIS SECTION FOR LAB USE ONLY												
Phoenix ID #	Client Sample ID	Canister ID #	Outgoing Canister Pressure (Psi)	Incoming Canister Pressure (Psi)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (Psi)	Canister Pressure at End (Psi)	ANALYSES
89211	Indoor Air 2nd Floor 03	230	6.0	3.0	5040	10.8	9:10	17:27	8-8-16	-30	-5	X
89212	Indoor Air 2nd Floor 04	19630			4977		9:12	17:38	8-8-16	-30	-5	X
89213	SG16	490			3188		9:16	16:34	8-8-16	-30	-4	X
89214	SG17	223			5660		9:19	17:40	8-8-16	-30	-6	X
89215	SG22	497			5254		9:20	17:42	8-8-16	-30	-7	X
89216	Carbon Discharge	474			494		9:24	17:30	8-8-16	-30	-4	X
89217	Elevator #4	19924			9657		9:27	17:34	8-8-16	-30	-5	X
89218	Did not use.	11291			3505							
	8x6L 8hrs											
Relinquished by:	Hongyan		Accepted by:	Reilly		Date:	Time:		Data Format:			
						8-9-16	17:30		Excel <input checked="" type="checkbox"/> Equis <input checked="" type="checkbox"/> GISKey <input type="checkbox"/>			
				Chunadung		8-9-16	16:49		PDF <input checked="" type="checkbox"/> Other: <input checked="" type="checkbox"/>			
SPECIAL INSTRUCTIONS, OCCURRENCE, REGULATORY INFORMATION:												
* 3 day TAT *												
Requested Criteria: NY EZ EDD, ASP B Delivered												
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: _____		

Phoenix Environmental Laboratories, Inc.
 587 East Middle Turnpike
 P.O. Box 370
 Manchester, CT 06040
 (860) 645-1102

Lab Sample Id
 Collection Date
 Client Id
 Matrix

BV12079
 9/8/2016
 SG 17
 Air

BV12080
 9/8/2016
 INDOOR AIR SECOND FLOOR 03
 Air

BV12081
 9/8/2016
 SG 16
 Air

BV12082
 9/8/2016
 ELEVATOR PIT
 Air

BV12083
 9/8/2016
 INDOOR AIR SECOND FLOOR 04
 Air

BV12084
 9/8/2016
 CARBON DISCHARGE
 Air

BV12085
 9/8/2016
 SG 22
 Air

Project Id: 39-40 30TH STREET QUEENS NY

CAS	Units	BV12079				BV12080				BV12081				BV12082				BV12083				BV12084				BV12085							
		Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL				
Volatiles (FO15) by TO15																																	
1,1,1,2-Tetrachloroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,1,1-Trichloroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,1,2,2-Tetrachloroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,1,2-Trichloroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,1-Dichloroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,2-Dichloroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,2,4-Trichlorobenzene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,2,4-Trimethylbenzene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,2-Dibromoethane(EDB)	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,2-Dichlorobenzene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,2-Dichloroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,2-Dichloropropane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,2-Dichlorotetrafluoroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,3,5-Trimethylbenzene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,3-Butadiene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,3-Dichlorobenzene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,4-Dichlorobenzene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
1,4-Dioxane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
2-Hexanone(MBK)	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
4-Ethyltoluene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
4-Isopropyltoluene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
4-Methyl-2-pentanone(MIBK)	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Acetone	ug/m3	47.2	1.00	1.00	39.9	1.00	1.00	1.00	53.4	1.00	1.00	1.00	57.9	1.00	1.00	1.00	43.9	1.00	1.00	1.00	39.8	1.00	1.00	1.00	48.2	1.00	1.00	1.00	1.00	48.2	1.00	1.00	1.00
Acrylonitrile	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Benzene	ug/m3	1.27	1.00	1.00	1.08	1.00	1.00	1.00	1.43	1.00	1.00	1.00	1.45	1.00	1.00	1.00	1.23	1.00	1.00	1.00	1.25	1.00	1.00	1.00	1.25	1.00	1.00	1.00	1.00	1.25	1.00	1.00	1.00
Benzyl chloride	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Bromodichloromethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Bromoform	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Bromomethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Carbon Disulfide	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Carbon Tetrachloride	ug/m3	0.48	0.25	0.25	0.5	0.25	0.25	0.25	0.48	0.25	0.25	0.25	0.47	0.25	0.25	0.25	0.51	0.25	0.25	0.25	0.48	0.25	0.25	0.25	0.48	0.25	0.25	0.25	0.48	0.25	0.25	0.25	
Chlorobenzene	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Chloroethane	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	
Chloroform	ug/m3	1.59	1.00	1.00	1.00	1.00	1.00	1.00	1.6	1.00	1.00	1.00	1.35	1.00	1.00	1.00	1.06	1.00	1.00	1.00	2.25	1.00	1.00	1.00	1.32	1.00	1						



Friday, September 16, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH STREET QUEENS NY
Sample ID#s: BV12079 - BV12085

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.

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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 ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 39-40 30TH STREET QUEENS NY
Laboratory Project: GBV12079



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

September 16, 2016

SDG I.D.: GBV12079

Environmental Business Consultants 39-40 30TH STREET QUEENS NY

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
SG 17	BV12079	AIR
INDOOR AIR SECOND FLOOR 0	BV12080	AIR
SG 16	BV12081	AIR
ELEVATOR PIT	BV12082	AIR
INDOOR AIR SECOND FLOOR 0	BV12083	AIR
CARBON DISCHARGE	BV12084	AIR
SG 22	BV12085	AIR



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NY Analytical Services Protocol Format

September 16, 2016

SDG I.D.: GBV12079

Environmental Business Consultants 39-40 30TH STREET QUEENS NY

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BV12079	Volatiles (TO15)	09/08/16	09/09/16	09/09/16	KCA	Y
BV12080	Volatiles (TO15)	09/08/16	09/09/16	09/09/16	KCA	Y
BV12081	Volatiles (TO15)	09/08/16	09/09/16	09/09/16	KCA	Y
BV12082	Volatiles (TO15)	09/08/16	09/09/16	09/09/16	KCA	Y
BV12083	Volatiles (TO15)	09/08/16	09/09/16	09/09/16	KCA	Y
BV12084	Volatiles (TO15)	09/08/16	09/09/16	09/09/16	KCA	Y
BV12085	Volatiles (TO15)	09/08/16	09/09/16	09/09/16	KCA	Y



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SDG Comments

September 16, 2016

SDG I.D.: GBV12079

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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

Analysis Report
 September 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 9767

Custody Information

Collected by: TG/EK
 Received by: SW
 Analyzed by: see "By" below

Date Time
 09/08/16 18:03
 09/09/16 15:44

Laboratory Data

SDG ID: GBV12079
 Phoenix ID: BV12079

Project ID: 39-40 30TH STREET QUEENS NY
 Client ID: SG 17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	09/09/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	09/09/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	09/09/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	09/09/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	09/09/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	09/09/16	KCA	1	
1,2,4-Trimethylbenzene	0.425	0.204	0.204	2.09	1.00	1.00	09/09/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	09/09/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	09/09/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	09/09/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	09/09/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	09/09/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	09/09/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	09/09/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	09/09/16	KCA	1	
Acetone	19.9	0.421	0.421	47.2	1.00	1.00	09/09/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	09/09/16	KCA	1	
Benzene	0.398	0.313	0.313	1.27	1.00	1.00	09/09/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	09/09/16	KCA	1	

Client ID: SG 17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	09/09/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	09/09/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	09/09/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	09/09/16	KCA	1
Carbon Tetrachloride	0.076	0.040	0.040	0.48	0.25	0.25	09/09/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	09/09/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	09/09/16	KCA	1
Chloroform	0.325	0.205	0.205	1.59	1.00	1.00	09/09/16	KCA	1
Chloromethane	0.681	0.485	0.485	1.41	1.00	1.00	09/09/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	09/09/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	09/09/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	09/09/16	KCA	1
Dichlorodifluoromethane	0.580	0.202	0.202	2.87	1.00	1.00	09/09/16	KCA	1
Ethanol	179	E 0.531	0.531	337	1.00	1.00	09/09/16	KCA	1
Ethyl acetate	0.479	0.278	0.278	1.72	1.00	1.00	09/09/16	KCA	1
Ethylbenzene	0.507	0.230	0.230	2.20	1.00	1.00	09/09/16	KCA	1
Heptane	13.2	0.244	0.244	54.1	1.00	1.00	09/09/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	09/09/16	KCA	1
Hexane	0.691	S 0.284	0.284	2.43	1.00	1.00	09/09/16	KCA	1
Isopropylalcohol	20.2	0.407	0.407	49.6	1.00	1.00	09/09/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1
m,p-Xylene	1.58	0.230	0.230	6.86	1.00	1.00	09/09/16	KCA	1
Methyl Ethyl Ketone	1.04	0.339	0.339	3.07	1.00	1.00	09/09/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	09/09/16	KCA	1
Methylene Chloride	0.490	S 0.288	0.288	1.70	1.00	1.00	09/09/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
o-Xylene	0.572	0.230	0.230	2.48	1.00	1.00	09/09/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	09/09/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
Styrene	0.409	0.235	0.235	1.74	1.00	1.00	09/09/16	KCA	1
Tetrachloroethene	1.28	0.037	0.037	8.68	0.25	0.25	09/09/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	09/09/16	KCA	1
Toluene	2.58	0.266	0.266	9.7	1.00	1.00	09/09/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	09/09/16	KCA	1
Trichloroethene	5.01	0.047	0.047	26.9	0.25	0.25	09/09/16	KCA	1
Trichlorofluoromethane	0.617	0.178	0.178	3.46	1.00	1.00	09/09/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	09/09/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	09/09/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	99	%	%	99	%	%	09/09/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

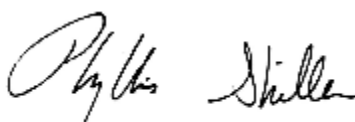
Comments:

E = Estimated value quantitated above calibration range for this compound.

S - Laboratory solvent, contamination is possible.

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

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

September 16, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 September 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 19870

Custody Information

Collected by: TG/EK
 Received by: SW
 Analyzed by: see "By" below

Date Time
 09/08/16 17:48
 09/09/16 15:44

Laboratory Data

SDG ID: GBV12079
 Phoenix ID: BV12080

Project ID: 39-40 30TH STREET QUEENS NY
 Client ID: INDOOR AIR SECOND FLOOR 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	09/09/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	09/09/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	09/09/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	09/09/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	09/09/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	09/09/16	KCA	1	
1,2,4-Trimethylbenzene	0.515	0.204	0.204	2.53	1.00	1.00	09/09/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	09/09/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	09/09/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	09/09/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	09/09/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	09/09/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	09/09/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	09/09/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	09/09/16	KCA	1	
Acetone	16.8	0.421	0.421	39.9	1.00	1.00	09/09/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	09/09/16	KCA	1	
Benzene	0.339	0.313	0.313	1.08	1.00	1.00	09/09/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	09/09/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	09/09/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	09/09/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	09/09/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	09/09/16	KCA	1
Carbon Tetrachloride	0.080	0.040	0.040	0.50	0.25	0.25	09/09/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	09/09/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	09/09/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	09/09/16	KCA	1
Chloromethane	0.656	0.485	0.485	1.35	1.00	1.00	09/09/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	09/09/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	09/09/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	09/09/16	KCA	1
Dichlorodifluoromethane	0.650	0.202	0.202	3.21	1.00	1.00	09/09/16	KCA	1
Ethanol	424	E 0.531	0.531	798	1.00	1.00	09/09/16	KCA	1
Ethyl acetate	0.476	0.278	0.278	1.71	1.00	1.00	09/09/16	KCA	1
Ethylbenzene	0.429	0.230	0.230	1.86	1.00	1.00	09/09/16	KCA	1
Heptane	3.72	0.244	0.244	15.2	1.00	1.00	09/09/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	09/09/16	KCA	1
Hexane	0.555	S 0.284	0.284	1.96	1.00	1.00	09/09/16	KCA	1
Isopropylalcohol	18.2	0.407	0.407	44.7	1.00	1.00	09/09/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1
m,p-Xylene	1.45	0.230	0.230	6.29	1.00	1.00	09/09/16	KCA	1
Methyl Ethyl Ketone	1.09	0.339	0.339	3.21	1.00	1.00	09/09/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	09/09/16	KCA	1
Methylene Chloride	0.433	S 0.288	0.288	1.50	1.00	1.00	09/09/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
o-Xylene	0.520	0.230	0.230	2.26	1.00	1.00	09/09/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	09/09/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	09/09/16	KCA	1
Tetrachloroethene	0.916	0.037	0.037	6.21	0.25	0.25	09/09/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	09/09/16	KCA	1
Toluene	2.32	0.266	0.266	8.74	1.00	1.00	09/09/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	09/09/16	KCA	1
Trichloroethene	2.97	0.047	0.047	16.0	0.25	0.25	09/09/16	KCA	1
Trichlorofluoromethane	1.06	0.178	0.178	5.95	1.00	1.00	09/09/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	09/09/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	09/09/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	09/09/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

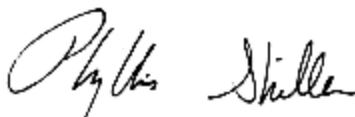
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

September 16, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 September 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 474

Custody Information

Collected by: TG/EK
 Received by: SW
 Analyzed by: see "By" below

Date Time
 09/08/16 17:39
 09/09/16 15:44

Laboratory Data

SDG ID: GBV12079
 Phoenix ID: BV12081

Project ID: 39-40 30TH STREET QUEENS NY
 Client ID: SG 16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	09/09/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	09/09/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	09/09/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	09/09/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	09/09/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	09/09/16	KCA	1
1,2,4-Trimethylbenzene	0.777	0.204	0.204	3.82	1.00	1.00	09/09/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	09/09/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	09/09/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	09/09/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	09/09/16	KCA	1
1,3,5-Trimethylbenzene	0.245	0.204	0.204	1.20	1.00	1.00	09/09/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	09/09/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	09/09/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	09/09/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	09/09/16	KCA	1
Acetone	22.5	0.421	0.421	53.4	1.00	1.00	09/09/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	09/09/16	KCA	1
Benzene	0.449	0.313	0.313	1.43	1.00	1.00	09/09/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	09/09/16	KCA	1

Client ID: SG 16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	09/09/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	09/09/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	09/09/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	09/09/16	KCA	1
Carbon Tetrachloride	0.076	0.040	0.040	0.48	0.25	0.25	09/09/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	09/09/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	09/09/16	KCA	1
Chloroform	0.327	0.205	0.205	1.60	1.00	1.00	09/09/16	KCA	1
Chloromethane	0.681	0.485	0.485	1.41	1.00	1.00	09/09/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	09/09/16	KCA	1
Cyclohexane	0.350	0.291	0.291	1.20	1.00	1.00	09/09/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	09/09/16	KCA	1
Dichlorodifluoromethane	0.553	0.202	0.202	2.73	1.00	1.00	09/09/16	KCA	1
Ethanol	198	E 0.531	0.531	373	1.00	1.00	09/09/16	KCA	1
Ethyl acetate	0.786	0.278	0.278	2.83	1.00	1.00	09/09/16	KCA	1
Ethylbenzene	0.698	0.230	0.230	3.03	1.00	1.00	09/09/16	KCA	1
Heptane	8.56	0.244	0.244	35.1	1.00	1.00	09/09/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	09/09/16	KCA	1
Hexane	0.873	S 0.284	0.284	3.08	1.00	1.00	09/09/16	KCA	1
Isopropylalcohol	15.2	0.407	0.407	37.3	1.00	1.00	09/09/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1
m,p-Xylene	2.23	0.230	0.230	9.7	1.00	1.00	09/09/16	KCA	1
Methyl Ethyl Ketone	1.33	0.339	0.339	3.92	1.00	1.00	09/09/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	09/09/16	KCA	1
Methylene Chloride	0.687	S 0.288	0.288	2.38	1.00	1.00	09/09/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
o-Xylene	0.749	0.230	0.230	3.25	1.00	1.00	09/09/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	09/09/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
Styrene	0.566	0.235	0.235	2.41	1.00	1.00	09/09/16	KCA	1
Tetrachloroethene	1.16	0.037	0.037	7.86	0.25	0.25	09/09/16	KCA	1
Tetrahydrofuran	0.408	0.339	0.339	1.20	1.00	1.00	09/09/16	KCA	1
Toluene	2.46	0.266	0.266	9.26	1.00	1.00	09/09/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	09/09/16	KCA	1
Trichloroethene	6.12	0.047	0.047	32.9	0.25	0.25	09/09/16	KCA	1
Trichlorofluoromethane	0.670	0.178	0.178	3.76	1.00	1.00	09/09/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	09/09/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	09/09/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	100	%	%	100	%	%	09/09/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

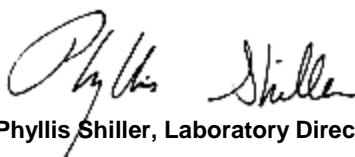
Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

E = Estimated value quantitated above calibration range for this compound.

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

September 16, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 September 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 224

Custody Information

Collected by: TG/EK
 Received by: SW
 Analyzed by: see "By" below

Date Time
 09/08/16 17:36
 09/09/16 15:44

Laboratory Data

SDG ID: GBV12079
 Phoenix ID: BV12082

Project ID: 39-40 30TH STREET QUEENS NY
 Client ID: ELEVATOR PIT

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	09/09/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	09/09/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	09/09/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	09/09/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	09/09/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	09/09/16	KCA	1	
1,2,4-Trimethylbenzene	0.519	0.204	0.204	2.55	1.00	1.00	09/09/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	09/09/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	09/09/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	09/09/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	09/09/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	09/09/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	09/09/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	09/09/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	09/09/16	KCA	1	
Acetone	24.4	0.421	0.421	57.9	1.00	1.00	09/09/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	09/09/16	KCA	1	
Benzene	0.454	0.313	0.313	1.45	1.00	1.00	09/09/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	09/09/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	09/09/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	09/09/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	09/09/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	09/09/16	KCA	1
Carbon Tetrachloride	0.075	0.040	0.040	0.47	0.25	0.25	09/09/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	09/09/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	09/09/16	KCA	1
Chloroform	0.276	0.205	0.205	1.35	1.00	1.00	09/09/16	KCA	1
Chloromethane	0.813	0.485	0.485	1.68	1.00	1.00	09/09/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	09/09/16	KCA	1
Cyclohexane	0.311	0.291	0.291	1.07	1.00	1.00	09/09/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	09/09/16	KCA	1
Dichlorodifluoromethane	0.590	0.202	0.202	2.92	1.00	1.00	09/09/16	KCA	1
Ethanol	198	E 0.531	0.531	373	1.00	1.00	09/09/16	KCA	1
Ethyl acetate	1.04	0.278	0.278	3.75	1.00	1.00	09/09/16	KCA	1
Ethylbenzene	0.639	0.230	0.230	2.77	1.00	1.00	09/09/16	KCA	1
Heptane	9.61	0.244	0.244	39.4	1.00	1.00	09/09/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	09/09/16	KCA	1
Hexane	0.951	S 0.284	0.284	3.35	1.00	1.00	09/09/16	KCA	1
Isopropylalcohol	17.4	0.407	0.407	42.7	1.00	1.00	09/09/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1
m,p-Xylene	2.03	0.230	0.230	8.81	1.00	1.00	09/09/16	KCA	1
Methyl Ethyl Ketone	1.40	0.339	0.339	4.13	1.00	1.00	09/09/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	09/09/16	KCA	1
Methylene Chloride	2.52	S 0.288	0.288	8.75	1.00	1.00	09/09/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
o-Xylene	0.669	0.230	0.230	2.90	1.00	1.00	09/09/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	09/09/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
Styrene	0.516	0.235	0.235	2.20	1.00	1.00	09/09/16	KCA	1
Tetrachloroethene	0.891	0.037	0.037	6.04	0.25	0.25	09/09/16	KCA	1
Tetrahydrofuran	0.459	0.339	0.339	1.35	1.00	1.00	09/09/16	KCA	1
Toluene	2.43	0.266	0.266	9.15	1.00	1.00	09/09/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	09/09/16	KCA	1
Trichloroethene	4.28	0.047	0.047	23.0	0.25	0.25	09/09/16	KCA	1
Trichlorofluoromethane	0.576	0.178	0.178	3.23	1.00	1.00	09/09/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	09/09/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	09/09/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	100	%	%	100	%	%	09/09/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

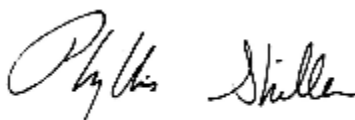
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

September 16, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 September 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 214

Custody Information

Collected by: TG/EK
 Received by: SW
 Analyzed by: see "By" below

Date Time
 09/08/16 17:46
 09/09/16 15:44

Laboratory Data

SDG ID: GBV12079
 Phoenix ID: BV12083

Project ID: 39-40 30TH STREET QUEENS NY
 Client ID: INDOOR AIR SECOND FLOOR 04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	09/09/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	09/09/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	09/09/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	09/09/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	09/09/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	09/09/16	KCA	1
1,2,4-Trimethylbenzene	0.562	0.204	0.204	2.76	1.00	1.00	09/09/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	09/09/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	09/09/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	09/09/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	09/09/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	09/09/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	09/09/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	09/09/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	09/09/16	KCA	1
Acetone	18.5	0.421	0.421	43.9	1.00	1.00	09/09/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	09/09/16	KCA	1
Benzene	0.385	0.313	0.313	1.23	1.00	1.00	09/09/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	09/09/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	09/09/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	09/09/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	09/09/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	09/09/16	KCA	1
Carbon Tetrachloride	0.081	0.040	0.040	0.51	0.25	0.25	09/09/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	09/09/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	09/09/16	KCA	1
Chloroform	0.218	0.205	0.205	1.06	1.00	1.00	09/09/16	KCA	1
Chloromethane	0.699	0.485	0.485	1.44	1.00	1.00	09/09/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	09/09/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	09/09/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	09/09/16	KCA	1
Dichlorodifluoromethane	0.699	0.202	0.202	3.45	1.00	1.00	09/09/16	KCA	1
Ethanol	329	E 0.531	0.531	620	1.00	1.00	09/09/16	KCA	1
Ethyl acetate	0.482	0.278	0.278	1.74	1.00	1.00	09/09/16	KCA	1
Ethylbenzene	0.515	0.230	0.230	2.23	1.00	1.00	09/09/16	KCA	1
Heptane	6.79	0.244	0.244	27.8	1.00	1.00	09/09/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	09/09/16	KCA	1
Hexane	1.22	S 0.284	0.284	4.30	1.00	1.00	09/09/16	KCA	1
Isopropylalcohol	17.7	0.407	0.407	43.5	1.00	1.00	09/09/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1
m,p-Xylene	1.72	0.230	0.230	7.46	1.00	1.00	09/09/16	KCA	1
Methyl Ethyl Ketone	1.08	0.339	0.339	3.18	1.00	1.00	09/09/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	09/09/16	KCA	1
Methylene Chloride	3.46	0.288	0.288	12.0	1.00	1.00	09/09/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
o-Xylene	0.655	0.230	0.230	2.84	1.00	1.00	09/09/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	09/09/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
Styrene	0.310	0.235	0.235	1.32	1.00	1.00	09/09/16	KCA	1
Tetrachloroethene	1.35	0.037	0.037	9.15	0.25	0.25	09/09/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	09/09/16	KCA	1
Toluene	2.57	0.266	0.266	9.7	1.00	1.00	09/09/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	09/09/16	KCA	1
Trichloroethene	5.29	0.047	0.047	28.4	0.25	0.25	09/09/16	KCA	1
Trichlorofluoromethane	0.845	0.178	0.178	4.74	1.00	1.00	09/09/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	09/09/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	09/09/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	09/09/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

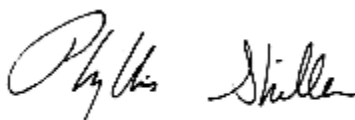
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

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

September 16, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 September 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 19732

Custody Information

Collected by: TG/EK
 Received by: SW
 Analyzed by: see "By" below

Date Time
 09/08/16 17:50
 09/09/16 15:44

Laboratory Data

SDG ID: GBV12079
 Phoenix ID: BV12084

Project ID: 39-40 30TH STREET QUEENS NY
 Client ID: CARBON DISCHARGE

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	09/09/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	09/09/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	09/09/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	09/09/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	09/09/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	09/09/16	KCA	1
1,2,4-Trimethylbenzene	0.661	0.204	0.204	3.25	1.00	1.00	09/09/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	09/09/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	09/09/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	09/09/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	09/09/16	KCA	1
1,3,5-Trimethylbenzene	0.213	0.204	0.204	1.05	1.00	1.00	09/09/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	09/09/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	09/09/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	09/09/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	09/09/16	KCA	1
Acetone	8.33	0.421	0.421	19.8	1.00	1.00	09/09/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	09/09/16	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	09/09/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	09/09/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	09/09/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	09/09/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	09/09/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	09/09/16	KCA	1
Carbon Tetrachloride	0.045	0.040	0.040	0.28	0.25	0.25	09/09/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	09/09/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	09/09/16	KCA	1
Chloroform	0.461	0.205	0.205	2.25	1.00	1.00	09/09/16	KCA	1
Chloromethane	0.659	0.485	0.485	1.36	1.00	1.00	09/09/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	09/09/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	09/09/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	09/09/16	KCA	1
Dichlorodifluoromethane	0.595	0.202	0.202	2.94	1.00	1.00	09/09/16	KCA	1
Ethanol	77.7	E 0.531	0.531	146	1.00	1.00	09/09/16	KCA	1
Ethyl acetate	0.838	0.278	0.278	3.02	1.00	1.00	09/09/16	KCA	1
Ethylbenzene	0.586	0.230	0.230	2.54	1.00	1.00	09/09/16	KCA	1
Heptane	5.85	0.244	0.244	24.0	1.00	1.00	09/09/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	09/09/16	KCA	1
Hexane	0.313	S 0.284	0.284	1.10	1.00	1.00	09/09/16	KCA	1
Isopropylalcohol	4.40	0.407	0.407	10.8	1.00	1.00	09/09/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1
m,p-Xylene	1.91	0.230	0.230	8.29	1.00	1.00	09/09/16	KCA	1
Methyl Ethyl Ketone	0.799	0.339	0.339	2.36	1.00	1.00	09/09/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	09/09/16	KCA	1
Methylene Chloride	0.523	S 0.288	0.288	1.82	1.00	1.00	09/09/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
o-Xylene	0.651	0.230	0.230	2.83	1.00	1.00	09/09/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	09/09/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
Styrene	0.503	0.235	0.235	2.14	1.00	1.00	09/09/16	KCA	1
Tetrachloroethene	0.761	0.037	0.037	5.16	0.25	0.25	09/09/16	KCA	1
Tetrahydrofuran	0.524	0.339	0.339	1.54	1.00	1.00	09/09/16	KCA	1
Toluene	1.78	0.266	0.266	6.70	1.00	1.00	09/09/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	09/09/16	KCA	1
Trichloroethene	2.69	0.047	0.047	14.4	0.25	0.25	09/09/16	KCA	1
Trichlorofluoromethane	ND	0.178	0.178	ND	1.00	1.00	09/09/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	09/09/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	09/09/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	09/09/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

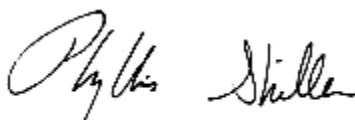
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

September 16, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 September 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 19969

Custody Information

Collected by: TG/EK
 Received by: SW
 Analyzed by: see "By" below

Date Time
 09/08/16 18:11
 09/09/16 15:44

Laboratory Data

SDG ID: GBV12079
 Phoenix ID: BV12085

Project ID: 39-40 30TH STREET QUEENS NY
 Client ID: SG 22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	09/09/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	09/09/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	09/09/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	09/09/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	09/09/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	09/09/16	KCA	1	
1,2,4-Trimethylbenzene	0.405	0.204	0.204	1.99	1.00	1.00	09/09/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	09/09/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	09/09/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	09/09/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	09/09/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	09/09/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	09/09/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	09/09/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	09/09/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	09/09/16	KCA	1	
Acetone	20.3	0.421	0.421	48.2	1.00	1.00	09/09/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	09/09/16	KCA	1	
Benzene	0.390	0.313	0.313	1.25	1.00	1.00	09/09/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	09/09/16	KCA	1	

Client ID: SG 22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	09/09/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	09/09/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	09/09/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	09/09/16	KCA	1
Carbon Tetrachloride	0.073	0.040	0.040	0.46	0.25	0.25	09/09/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	09/09/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	09/09/16	KCA	1
Chloroform	0.270	0.205	0.205	1.32	1.00	1.00	09/09/16	KCA	1
Chloromethane	0.687	0.485	0.485	1.42	1.00	1.00	09/09/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	09/09/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	09/09/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	09/09/16	KCA	1
Dichlorodifluoromethane	0.552	0.202	0.202	2.73	1.00	1.00	09/09/16	KCA	1
Ethanol	187	E 0.531	0.531	352	1.00	1.00	09/09/16	KCA	1
Ethyl acetate	0.504	0.278	0.278	1.82	1.00	1.00	09/09/16	KCA	1
Ethylbenzene	0.528	0.230	0.230	2.29	1.00	1.00	09/09/16	KCA	1
Heptane	10.8	0.244	0.244	44.2	1.00	1.00	09/09/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	09/09/16	KCA	1
Hexane	0.725	S 0.284	0.284	2.55	1.00	1.00	09/09/16	KCA	1
Isopropylalcohol	17.7	0.407	0.407	43.5	1.00	1.00	09/09/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	09/09/16	KCA	1
m,p-Xylene	1.60	0.230	0.230	6.94	1.00	1.00	09/09/16	KCA	1
Methyl Ethyl Ketone	1.12	0.339	0.339	3.30	1.00	1.00	09/09/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	09/09/16	KCA	1
Methylene Chloride	0.623	S 0.288	0.288	2.16	1.00	1.00	09/09/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
o-Xylene	0.593	0.230	0.230	2.57	1.00	1.00	09/09/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	09/09/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	09/09/16	KCA	1
Styrene	0.392	0.235	0.235	1.67	1.00	1.00	09/09/16	KCA	1
Tetrachloroethene	1.20	0.037	0.037	8.13	0.25	0.25	09/09/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	09/09/16	KCA	1
Toluene	2.57	0.266	0.266	9.7	1.00	1.00	09/09/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	09/09/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	09/09/16	KCA	1
Trichloroethene	4.66	0.047	0.047	25.0	0.25	0.25	09/09/16	KCA	1
Trichlorofluoromethane	0.542	0.178	0.178	3.04	1.00	1.00	09/09/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	09/09/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	09/09/16	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	103	%	%	103	%	%	09/09/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

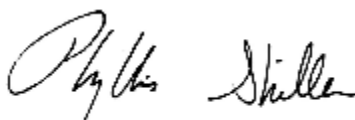
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

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

September 16, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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



QA/QC Report

September 16, 2016

QA/QC Data

SDG I.D.: GBV12079

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
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QA/QC Batch 358452 (ppbv), QC Sample No: BV12079 (BV12079, BV12080, BV12081, BV12082, BV12083, BV12084, BV12085)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.183	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.183	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	109	2.09	2.07	0.425	0.422	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.166	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.247	ND	1.00	115	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.216	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	119	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.452	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.166	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.166	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.278	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	120	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.204	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.421	ND	1.00	117	47.2	46.5	19.9	19.6	1.5	70 - 130	25
Acrylonitrile	ND	0.461	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.313	ND	1.00	108	1.27	1.23	0.398	0.386	NC	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	129	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.149	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.257	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.321	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	115	0.48	0.47	0.076	0.074	NC	70 - 130	25
Chlorobenzene	ND	0.217	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.379	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	108	1.59	1.55	0.325	0.318	NC	70 - 130	25
Chloromethane	ND	0.484	ND	1.00	112	1.41	1.37	0.681	0.665	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	111	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	122	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.291	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.117	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.202	ND	1.00	118	2.87	2.76	0.580	0.558	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	95	337	339	179	180	0.6	70 - 130	25

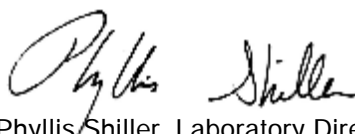
QA/QC Data

SDG I.D.: GBV12079

Parameter	Bik ppbv	Bik RL ppbv	Bik ug/m3	Bik 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	114	1.72	1.71	0.479	0.474	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	117	2.20	2.23	0.507	0.514	NC	70 - 130	25
Heptane	ND	0.244	ND	1.00	115	54.1	52.8	13.2	12.9	2.3	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.284	ND	1.00	109	2.43 S	2.54 S	0.691 S	0.721 S	NC	70 - 130	25
Isopropylalcohol	ND	0.407	ND	1.00	105	49.6	48.6	20.2	19.8	2.0	70 - 130	25
Isopropylbenzene	ND	0.204	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	116	6.86	6.81	1.58	1.57	0.6	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	116	3.07	3.09	1.04	1.05	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	121	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	113	1.70 S	1.73 S	0.490 S	0.498 S	NC	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	110	2.48	2.47	0.572	0.570	NC	70 - 130	25
Propylene	ND	0.581	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.235	ND	1.00	115	1.74	1.82	0.409	0.427	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	114	8.68	8.74	1.28	1.29	0.8	70 - 130	25
Tetrahydrofuran	ND	0.339	ND	1.00	120	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.266	ND	1.00	117	9.7	9.8	2.58	2.59	0.4	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	124	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	107	26.9	26.7	5.01	4.98	0.6	70 - 130	25
Trichlorofluoromethane	ND	0.178	ND	1.00	121	3.46	3.21	0.617	0.572	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	116	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	107	%	107	%	100	99	102	99	102	NC	70 - 130	25

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
September 16, 2016

Sample Criteria Exceedences Report

GBV12079 - EBC

Criteria: None

State: NY

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

*** No Data to Display ***

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



587 East Middle Turnpike, P.O. Box 370, Meriden, CT 06040
Telephone: 860.643.1102 • Fax: 860.643.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426
email: greg@phoenixlabs.com

P.O. # _____ Page _____ of _____

Data Delivery: Fax # _____ File

Email: _____

Phone #: _____

Report to: Chawnic Peilly
Customer: EBC
Address: _____

Invoice to: EBC
Requested Deliverable: RCP ASP CAT B NI Deliverables MCP

Project Name: 3940 30th Street Queens NY
State where samples collected: NY

Sampled by: Thomas Gallo / Eleni Kavvadios

Requested Deliverable: RCP ASP CAT B NI Deliverables MCP

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (Psi)	Incoming Canister Pressure (Psi)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (Psi)	Canister Pressure at End (Psi)	MATRIX		ANALYSES
													Soil Gas	Ambient/Indoor Air	
12079	SG17	9767	6.0	-20	-3	4484	10.8	9:40	18:03	9-8-16	-30	-5	+		X
12080	Indoor Air Second Floor 03	19870			-5	4490		9:57	17:48	9-8-16	-29	-5	X		X
12081	SG16	474			0	4961		9:54	17:39	9-8-16	-30	-4	X		X
	Did NOT use	19806				3505									
12082	Elevator Pit	224			0	5705		9:46	17:36	9-8-16	-30	-2	+		X
12083	Indoor Air Second Floor 04	214			-4	3416		9:58	17:40	9-8-16	-30	-5	X		X
12084	Carbon Discharge	19732			-3	5619		9:50	17:50	9-8-16	-30	-4	X		X
12085	SG22	19969			-4	5043		9:42	18:11	9-8-16	-30	-6	+		X
	8x6L 8 Hrs														

Relinquished by: [Signature] Date: 9-9-16
Accepted by: [Signature] Date: 9-9-16
Time: 15:40
Data Format: Excel PDF GISKey Other:

Requested Criteria: _____
Requested Deliverables: NY E2 E2D
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: _____
Quote Number: _____

SPECIAL INSTRUCTIONS, REQUIREMENTS, REGULATORY INFORMATION:

Phoenix Environmental Laboratories, Inc.		Lab Sample ID		BV42130				BV42131				BV42132				BV42133				BV42134				BV42135				BV42136													
587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102		Collection Date		10/6/2016				10/6/2016				10/6/2016				10/6/2016				10/6/2016				10/6/2016				10/6/2016													
Client ID		Matrix		SG22				INDOOR AIR SECOND FLOOR 03				ELEVATOR PIT				INDOOR AIR SECOND FLOOR 04				SG16				CARBON DISCHARGE				SG17													
Project ID: 39-40 30TH ST., QUEENS		CAS	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL										
Volatiles (TO15) By TO15																																									
1,1,1,2-Tetrachloroethane																																									
630-20-6	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1,1-Trichloroethane																																									
71-95-6	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1,2,2-Tetrachloroethane																																									
79-34-5	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1,2-Trichloroethane																																									
79-00-5	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1-Dichloroethane																																									
75-34-3	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1-Dichloroethene																																									
75-35-4	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2,4-Trichlorobenzene																																									
110-82-1	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2,4-Trimethylbenzene																																									
95-63-6	ug/m3	2.11	1.00	U	1.00	1.63	1.00	U	1.00	6.88	1.00	U	1.00	1.88	1.00	U	1.00	6.68	1.00	U	1.00	8.06	1.00	U	1.00	8.06	1.00	U	1.00	2.08	1.00	U	1.00	2.08	1.00	U	1.00	2.08	1.00	U	1.00
1,2-Dibromoethane(EDB)																																									
106-93-4	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichlorobenzene																																									
95-50-1	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichloroethene																																									
107-06-2	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-dichloropropane																																									
78-87-5	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichlorotetrafluoroethane																																									
76-14-2	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,3,5-Trimethylbenzene																																									
108-67-8	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	2.62	1.00	U	1.00	<1.00	1.00	U	1.00	2.37	1.00	U	1.00	3.22	1.00	U	1.00	3.22	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,3-Butadiene																																									
106-99-0	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,3-Dichlorobenzene																																									
5417-73-1	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,4-Dichlorobenzene																																									
106-46-7	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,4-Dioxane																																									
123-91-1	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
2-Hexanone(MBK)																																									
591-78-6	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
4-Ethyltoluene																																									
622-96-8	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.44	1.00	U	1.00	<1.00	1.00	U	1.00	1.19	1.00	U	1.00	1.38	1.00	U	1.00	1.38	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
4-Isopropyltoluene																																									
99-87-6	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
4-Methyl-2-pentanone(MIBK)																																									
108-10-1	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Acetone																																									
67-64-1	ug/m3	34.7	1.00	U	1.00	41.5	1.00	U	1.00	65.8	1.00	U	1.00	40.1	1.00	U	1.00	30.4	1.00	U	1.00	8.38	1.00	U	1.00	8.38	1.00	U	1.00	36.3	1.00	U	1.00	36.3	1.00	U	1.00	36.3	1.00	U	1.00
Acrylonitrile																																									
107-13-1	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Benzene																																									
71-43-2	ug/m3	3.04	1.00	U	1.00	2.08	1.00	U	1.00	4.09	1.00	U	1.00	2.62	1.00	U	1.00	2.54	1.00	U	1.00	1.00	1.00	U	1.00	1.00	1.00	U	1.00	2.52	1.00	U	1.00	2.52	1.00	U	1.00	2.52	1.00	U	1.00
Benzyl chloride																																									
100-44-7	ug/m3	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Bromodichloromethane																																									
75-27-4	ug/m3	<1.00	1.00	U	1.00																																				



Friday, October 21, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST., QUEENS
Sample ID#s: BV42130 - BV42136

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.

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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 ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 39-40 30TH ST., QUEENS
Laboratory Project: GBV42130



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

October 21, 2016

SDG I.D.: GBV42130

Environmental Business Consultants 39-40 30TH ST., QUEENS

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
SG22	BV42130	AIR
INDOOR AIR SECOND FLOOR 0	BV42131	AIR
ELEVATOR PIT	BV42132	AIR
INDOOR AIR SECOND FLOOR 0	BV42133	AIR
SG16	BV42134	AIR
CARBON DISCHARGE	BV42135	AIR
SG17	BV42136	AIR



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NY Analytical Services Protocol Format

October 21, 2016

SDG I.D.: GBV42130

Environmental Business Consultants 39-40 30TH ST., QUEENS

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BV42130	Volatiles (TO15)	10/06/16	10/08/16	10/08/16	KCA	Y
BV42131	Volatiles (TO15)	10/06/16	10/07/16	10/07/16	KCA	Y
BV42132	Volatiles (TO15)	10/06/16	10/07/16	10/07/16	KCA	Y
BV42133	Volatiles (TO15)	10/06/16	10/07/16	10/07/16	KCA	Y
BV42134	Volatiles (TO15)	10/06/16	10/07/16	10/07/16	KCA	Y
BV42135	Volatiles (TO15)	10/06/16	10/08/16	10/08/16	KCA	Y
BV42136	Volatiles (TO15)	10/06/16	10/08/16	10/08/16	KCA	Y



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SDG Comments

October 21, 2016

SDG I.D.: GBV42130

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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

Analysis Report

October 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 21344

Custody Information

Collected by: TG/EK
 Received by: LB
 Analyzed by: see "By" below

Date: 10/06/16 17:29
 10/07/16 15:59

Laboratory Data

SDG ID: GBV42130
 Phoenix ID: BV42130

Project ID: 39-40 30TH ST., QUEENS
 Client ID: SG22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	10/08/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	10/08/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	10/08/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	10/08/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	10/08/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/08/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	10/08/16	KCA	1	
1,2,4-Trimethylbenzene	0.430	0.204	0.204	2.11	1.00	1.00	10/08/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	10/08/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/08/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	10/08/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	10/08/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	10/08/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	10/08/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	10/08/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/08/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/08/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	10/08/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	10/08/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	10/08/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	10/08/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	10/08/16	KCA	1	
Acetone	14.6	0.421	0.421	34.7	1.00	1.00	10/08/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	10/08/16	KCA	1	
Benzene	0.953	0.313	0.313	3.04	1.00	1.00	10/08/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	10/08/16	KCA	1	

Client ID: SG22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	10/08/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	10/08/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	10/08/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	10/08/16	KCA	1
Carbon Tetrachloride	0.075	0.040	0.040	0.47	0.25	0.25	10/08/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	10/08/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	10/08/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	10/08/16	KCA	1
Chloromethane	0.639	0.485	0.485	1.32	1.00	1.00	10/08/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/08/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	10/08/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	10/08/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	10/08/16	KCA	1
Dichlorodifluoromethane	0.448	0.202	0.202	2.21	1.00	1.00	10/08/16	KCA	1
Ethanol	145	E 0.531	0.531	273	1.00	1.00	10/08/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	10/08/16	KCA	1
Ethylbenzene	0.532	0.230	0.230	2.31	1.00	1.00	10/08/16	KCA	1
Heptane	0.651	0.244	0.244	2.67	1.00	1.00	10/08/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	10/08/16	KCA	1
Hexane	1.11	S 0.284	0.284	3.91	1.00	1.00	10/08/16	KCA	1
Isopropylalcohol	4.35	0.407	0.407	10.7	1.00	1.00	10/08/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	10/08/16	KCA	1
m,p-Xylene	1.59	0.230	0.230	6.90	1.00	1.00	10/08/16	KCA	1
Methyl Ethyl Ketone	0.828	0.339	0.339	2.44	1.00	1.00	10/08/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	10/08/16	KCA	1
Methylene Chloride	1.21	S 0.288	0.288	4.20	1.00	1.00	10/08/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	10/08/16	KCA	1
o-Xylene	0.590	0.230	0.230	2.56	1.00	1.00	10/08/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	10/08/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	10/08/16	KCA	1
Styrene	0.663	0.235	0.235	2.82	1.00	1.00	10/08/16	KCA	1
Tetrachloroethene	1.34	0.037	0.037	9.08	0.25	0.25	10/08/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	10/08/16	KCA	1
Toluene	3.35	0.266	0.266	12.6	1.00	1.00	10/08/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/08/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	10/08/16	KCA	1
Trichloroethene	1.83	0.047	0.047	9.8	0.25	0.25	10/08/16	KCA	1
Trichlorofluoromethane	0.283	0.178	0.178	1.59	1.00	1.00	10/08/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	10/08/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	10/08/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	10/08/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

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

October 21, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

October 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 21341

Custody Information

Collected by: TG/EK
 Received by: LB
 Analyzed by: see "By" below

Date: 10/06/16 17:31
 10/07/16 15:59

Laboratory Data

SDG ID: GBV42130
 Phoenix ID: BV42131

Project ID: 39-40 30TH ST., QUEENS
 Client ID: INDOOR AIR SECOND FLOOR 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	10/07/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	10/07/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	10/07/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	10/07/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	10/07/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/07/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	10/07/16	KCA	1	
1,2,4-Trimethylbenzene	0.332	0.204	0.204	1.63	1.00	1.00	10/07/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	10/07/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/07/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	10/07/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	10/07/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	10/07/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	10/07/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	10/07/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/07/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/07/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	10/07/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	10/07/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	10/07/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	10/07/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	10/07/16	KCA	1	
Acetone	17.5	0.421	0.421	41.5	1.00	1.00	10/07/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	10/07/16	KCA	1	
Benzene	0.652	0.313	0.313	2.08	1.00	1.00	10/07/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	10/07/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	10/07/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	10/07/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	10/07/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	10/07/16	KCA	1
Carbon Tetrachloride	0.081	0.040	0.040	0.51	0.25	0.25	10/07/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	10/07/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	10/07/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	10/07/16	KCA	1
Chloromethane	0.592	0.485	0.485	1.22	1.00	1.00	10/07/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/07/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	10/07/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	10/07/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	10/07/16	KCA	1
Dichlorodifluoromethane	0.446	0.202	0.202	2.20	1.00	1.00	10/07/16	KCA	1
Ethanol	375	E 0.531	0.531	706	1.00	1.00	10/07/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	10/07/16	KCA	1
Ethylbenzene	0.376	0.230	0.230	1.63	1.00	1.00	10/07/16	KCA	1
Heptane	1.02	0.244	0.244	4.18	1.00	1.00	10/07/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	10/07/16	KCA	1
Hexane	0.719	S 0.284	0.284	2.53	1.00	1.00	10/07/16	KCA	1
Isopropylalcohol	11.9	0.407	0.407	29.2	1.00	1.00	10/07/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	10/07/16	KCA	1
m,p-Xylene	1.21	0.230	0.230	5.25	1.00	1.00	10/07/16	KCA	1
Methyl Ethyl Ketone	0.818	0.339	0.339	2.41	1.00	1.00	10/07/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	10/07/16	KCA	1
Methylene Chloride	1.07	S 0.288	0.288	3.71	1.00	1.00	10/07/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	10/07/16	KCA	1
o-Xylene	0.403	0.230	0.230	1.75	1.00	1.00	10/07/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	10/07/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	10/07/16	KCA	1
Styrene	0.462	0.235	0.235	1.97	1.00	1.00	10/07/16	KCA	1
Tetrachloroethene	1.43	0.037	0.037	9.7	0.25	0.25	10/07/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	10/07/16	KCA	1
Toluene	2.60	0.266	0.266	9.8	1.00	1.00	10/07/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/07/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	10/07/16	KCA	1
Trichloroethene	1.69	0.047	0.047	9.08	0.25	0.25	10/07/16	KCA	1
Trichlorofluoromethane	0.421	0.178	0.178	2.36	1.00	1.00	10/07/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	10/07/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	10/07/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	10/07/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

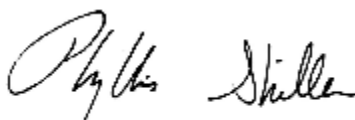
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

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

October 21, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

October 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 219

Custody Information

Collected by: TG/EK
 Received by: LB
 Analyzed by: see "By" below

Date: 10/06/16 17:28
 10/07/16 15:59

Laboratory Data

SDG ID: GBV42130
 Phoenix ID: BV42132

Project ID: 39-40 30TH ST., QUEENS
 Client ID: ELEVATOR PIT

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	10/07/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	10/07/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	10/07/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	10/07/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	10/07/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/07/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	10/07/16	KCA	1
1,2,4-Trimethylbenzene	1.40	0.204	0.204	6.88	1.00	1.00	10/07/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	10/07/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/07/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	10/07/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	10/07/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	10/07/16	KCA	1
1,3,5-Trimethylbenzene	0.533	0.204	0.204	2.62	1.00	1.00	10/07/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	10/07/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/07/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/07/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	10/07/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	10/07/16	KCA	1
4-Ethyltoluene	0.294	0.204	0.204	1.44	1.00	1.00	10/07/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	10/07/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	10/07/16	KCA	1
Acetone	27.7	0.421	0.421	65.8	1.00	1.00	10/07/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	10/07/16	KCA	1
Benzene	1.28	0.313	0.313	4.09	1.00	1.00	10/07/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	10/07/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	10/07/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	10/07/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	10/07/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	10/07/16	KCA	1
Carbon Tetrachloride	0.073	0.040	0.040	0.46	0.25	0.25	10/07/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	10/07/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	10/07/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	10/07/16	KCA	1
Chloromethane	0.549	0.485	0.485	1.13	1.00	1.00	10/07/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/07/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	10/07/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	10/07/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	10/07/16	KCA	1
Dichlorodifluoromethane	0.464	0.202	0.202	2.29	1.00	1.00	10/07/16	KCA	1
Ethanol	138	E 0.531	0.531	260	1.00	1.00	10/07/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	10/07/16	KCA	1
Ethylbenzene	0.734	0.230	0.230	3.19	1.00	1.00	10/07/16	KCA	1
Heptane	1.22	0.244	0.244	5.00	1.00	1.00	10/07/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	10/07/16	KCA	1
Hexane	3.42	0.284	0.284	12.0	1.00	1.00	10/07/16	KCA	1
Isopropylalcohol	4.15	0.407	0.407	10.2	1.00	1.00	10/07/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	10/07/16	KCA	1
m,p-Xylene	2.56	0.230	0.230	11.1	1.00	1.00	10/07/16	KCA	1
Methyl Ethyl Ketone	1.03	0.339	0.339	3.04	1.00	1.00	10/07/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	10/07/16	KCA	1
Methylene Chloride	1.25	S 0.288	0.288	4.34	1.00	1.00	10/07/16	KCA	1
n-Butylbenzene	0.196	0.182	0.182	1.08	1.00	1.00	10/07/16	KCA	1
o-Xylene	0.776	0.230	0.230	3.37	1.00	1.00	10/07/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	10/07/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	10/07/16	KCA	1
Styrene	0.491	0.235	0.235	2.09	1.00	1.00	10/07/16	KCA	1
Tetrachloroethene	0.856	0.037	0.037	5.80	0.25	0.25	10/07/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	10/07/16	KCA	1
Toluene	3.37	0.266	0.266	12.7	1.00	1.00	10/07/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/07/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	10/07/16	KCA	1
Trichloroethene	1.81	0.047	0.047	9.7	0.25	0.25	10/07/16	KCA	1
Trichlorofluoromethane	0.263	0.178	0.178	1.48	1.00	1.00	10/07/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	10/07/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	10/07/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	10/07/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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:

E = Estimated value quantitated above calibration range for this compound.

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

October 21, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

October 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 19629

Custody Information

Collected by: TG/EK
 Received by: LB
 Analyzed by: see "By" below

Date: 10/06/16 17:32
 10/07/16 15:59

Laboratory Data

SDG ID: GBV42130
 Phoenix ID: BV42133

Project ID: 39-40 30TH ST., QUEENS
 Client ID: INDOOR AIR SECOND FLOOR 04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	10/07/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	10/07/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	10/07/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	10/07/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	10/07/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/07/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	10/07/16	KCA	1	
1,2,4-Trimethylbenzene	0.383	0.204	0.204	1.88	1.00	1.00	10/07/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	10/07/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/07/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	10/07/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	10/07/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	10/07/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	10/07/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	10/07/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/07/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/07/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	10/07/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	10/07/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	10/07/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	10/07/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	10/07/16	KCA	1	
Acetone	16.9	0.421	0.421	40.1	1.00	1.00	10/07/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	10/07/16	KCA	1	
Benzene	0.822	0.313	0.313	2.62	1.00	1.00	10/07/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	10/07/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	10/07/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	10/07/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	10/07/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	10/07/16	KCA	1
Carbon Tetrachloride	0.069	0.040	0.040	0.43	0.25	0.25	10/07/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	10/07/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	10/07/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	10/07/16	KCA	1
Chloromethane	0.566	0.485	0.485	1.17	1.00	1.00	10/07/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/07/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	10/07/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	10/07/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	10/07/16	KCA	1
Dichlorodifluoromethane	0.447	0.202	0.202	2.21	1.00	1.00	10/07/16	KCA	1
Ethanol	422	E 0.531	0.531	795	1.00	1.00	10/07/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	10/07/16	KCA	1
Ethylbenzene	0.444	0.230	0.230	1.93	1.00	1.00	10/07/16	KCA	1
Heptane	0.688	0.244	0.244	2.82	1.00	1.00	10/07/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	10/07/16	KCA	1
Hexane	1.02	S 0.284	0.284	3.59	1.00	1.00	10/07/16	KCA	1
Isopropylalcohol	23.7	0.407	0.407	58.2	1.00	1.00	10/07/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	10/07/16	KCA	1
m,p-Xylene	1.41	0.230	0.230	6.12	1.00	1.00	10/07/16	KCA	1
Methyl Ethyl Ketone	0.831	0.339	0.339	2.45	1.00	1.00	10/07/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	10/07/16	KCA	1
Methylene Chloride	1.11	S 0.288	0.288	3.85	1.00	1.00	10/07/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	10/07/16	KCA	1
o-Xylene	0.503	0.230	0.230	2.18	1.00	1.00	10/07/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	10/07/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	10/07/16	KCA	1
Styrene	0.586	0.235	0.235	2.49	1.00	1.00	10/07/16	KCA	1
Tetrachloroethene	1.31	0.037	0.037	8.88	0.25	0.25	10/07/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	10/07/16	KCA	1
Toluene	2.93	0.266	0.266	11.0	1.00	1.00	10/07/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/07/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	10/07/16	KCA	1
Trichloroethene	1.82	0.047	0.047	9.8	0.25	0.25	10/07/16	KCA	1
Trichlorofluoromethane	0.395	0.178	0.178	2.22	1.00	1.00	10/07/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	10/07/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	10/07/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	10/07/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

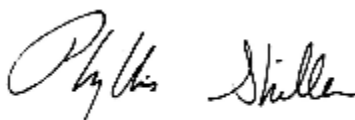
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

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

October 21, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

October 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 21367

Custody Information

Collected by: TG/EK
 Received by: LB
 Analyzed by: see "By" below

Date: 10/06/16 18:03
 10/07/16 15:59

Laboratory Data

SDG ID: GBV42130
 Phoenix ID: BV42134

Project ID: 39-40 30TH ST., QUEENS
 Client ID: SG16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	10/07/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	10/07/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	10/07/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	10/07/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	10/07/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/07/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	10/07/16	KCA	1
1,2,4-Trimethylbenzene	1.36	0.204	0.204	6.68	1.00	1.00	10/07/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	10/07/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/07/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	10/07/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	10/07/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	10/07/16	KCA	1
1,3,5-Trimethylbenzene	0.482	0.204	0.204	2.37	1.00	1.00	10/07/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	10/07/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/07/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/07/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	10/07/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	10/07/16	KCA	1
4-Ethyltoluene	0.243	0.204	0.204	1.19	1.00	1.00	10/07/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	10/07/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	10/07/16	KCA	1
Acetone	12.8	0.421	0.421	30.4	1.00	1.00	10/07/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	10/07/16	KCA	1
Benzene	0.796	0.313	0.313	2.54	1.00	1.00	10/07/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	10/07/16	KCA	1

Client ID: SG16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	10/07/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	10/07/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	10/07/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	10/07/16	KCA	1
Carbon Tetrachloride	0.082	0.040	0.040	0.52	0.25	0.25	10/07/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	10/07/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	10/07/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	10/07/16	KCA	1
Chloromethane	0.665	0.485	0.485	1.37	1.00	1.00	10/07/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/07/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	10/07/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	10/07/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	10/07/16	KCA	1
Dichlorodifluoromethane	0.451	0.202	0.202	2.23	1.00	1.00	10/07/16	KCA	1
Ethanol	127	E 0.531	0.531	239	1.00	1.00	10/07/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	10/07/16	KCA	1
Ethylbenzene	0.607	0.230	0.230	2.63	1.00	1.00	10/07/16	KCA	1
Heptane	0.729	0.244	0.244	2.99	1.00	1.00	10/07/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	10/07/16	KCA	1
Hexane	0.856	S 0.284	0.284	3.02	1.00	1.00	10/07/16	KCA	1
Isopropylalcohol	4.91	0.407	0.407	12.1	1.00	1.00	10/07/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	10/07/16	KCA	1
m,p-Xylene	2.13	0.230	0.230	9.24	1.00	1.00	10/07/16	KCA	1
Methyl Ethyl Ketone	0.892	0.339	0.339	2.63	1.00	1.00	10/07/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	10/07/16	KCA	1
Methylene Chloride	1.23	S 0.288	0.288	4.27	1.00	1.00	10/07/16	KCA	1
n-Butylbenzene	0.215	0.182	0.182	1.18	1.00	1.00	10/07/16	KCA	1
o-Xylene	0.666	0.230	0.230	2.89	1.00	1.00	10/07/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	10/07/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	10/07/16	KCA	1
Styrene	0.680	0.235	0.235	2.89	1.00	1.00	10/07/16	KCA	1
Tetrachloroethene	0.989	0.037	0.037	6.70	0.25	0.25	10/07/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	10/07/16	KCA	1
Toluene	2.46	0.266	0.266	9.26	1.00	1.00	10/07/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/07/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	10/07/16	KCA	1
Trichloroethene	2.07	0.047	0.047	11.1	0.25	0.25	10/07/16	KCA	1
Trichlorofluoromethane	0.268	0.178	0.178	1.50	1.00	1.00	10/07/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	10/07/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	10/07/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	10/07/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

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

October 21, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 October 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 19844

Custody Information

Collected by: TG/EK
 Received by: LB
 Analyzed by: see "By" below

Date Time
 10/06/16 17:17
 10/07/16 15:59

Laboratory Data

SDG ID: GBV42130
 Phoenix ID: BV42135

Project ID: 39-40 30TH ST., QUEENS
 Client ID: CARBON DISCHARGE

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	10/08/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	10/08/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	10/08/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	10/08/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	10/08/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/08/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	10/08/16	KCA	1	
1,2,4-Trimethylbenzene	1.64	0.204	0.204	8.06	1.00	1.00	10/08/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	10/08/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/08/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	10/08/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	10/08/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	10/08/16	KCA	1	
1,3,5-Trimethylbenzene	0.656	0.204	0.204	3.22	1.00	1.00	10/08/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	10/08/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/08/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/08/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	10/08/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	10/08/16	KCA	1	1
4-Ethyltoluene	0.281	0.204	0.204	1.38	1.00	1.00	10/08/16	KCA	1	1
4-Isopropyltoluene	0.183	0.182	0.182	1.00	1.00	1.00	10/08/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	10/08/16	KCA	1	
Acetone	3.53	S 0.421	0.421	8.38	1.00	1.00	10/08/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	10/08/16	KCA	1	
Benzene	ND	0.313	0.313	ND	1.00	1.00	10/08/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	10/08/16	KCA	1	

Client ID: CARBON DISCHARGE

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	10/08/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	10/08/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	10/08/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	10/08/16	KCA	1
Carbon Tetrachloride	ND	0.040	0.040	ND	0.25	0.25	10/08/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	10/08/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	10/08/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	10/08/16	KCA	1
Chloromethane	0.720	0.485	0.485	1.49	1.00	1.00	10/08/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/08/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	10/08/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	10/08/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	10/08/16	KCA	1
Dichlorodifluoromethane	0.428	0.202	0.202	2.12	1.00	1.00	10/08/16	KCA	1
Ethanol	89.8	E 0.531	0.531	169	1.00	1.00	10/08/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	10/08/16	KCA	1
Ethylbenzene	0.587	0.230	0.230	2.55	1.00	1.00	10/08/16	KCA	1
Heptane	0.332	0.244	0.244	1.36	1.00	1.00	10/08/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	10/08/16	KCA	1
Hexane	0.288	S 0.284	0.284	1.01	1.00	1.00	10/08/16	KCA	1
Isopropylalcohol	1.03	0.407	0.407	2.53	1.00	1.00	10/08/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	10/08/16	KCA	1
m,p-Xylene	2.01	0.230	0.230	8.72	1.00	1.00	10/08/16	KCA	1
Methyl Ethyl Ketone	0.391	0.339	0.339	1.15	1.00	1.00	10/08/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	10/08/16	KCA	1
Methylene Chloride	0.787	S 0.288	0.288	2.73	1.00	1.00	10/08/16	KCA	1
n-Butylbenzene	0.255	0.182	0.182	1.40	1.00	1.00	10/08/16	KCA	1
o-Xylene	0.668	0.230	0.230	2.90	1.00	1.00	10/08/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	10/08/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	10/08/16	KCA	1
Styrene	0.624	0.235	0.235	2.66	1.00	1.00	10/08/16	KCA	1
Tetrachloroethene	0.501	0.037	0.037	3.40	0.25	0.25	10/08/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	10/08/16	KCA	1
Toluene	1.59	0.266	0.266	5.99	1.00	1.00	10/08/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/08/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	10/08/16	KCA	1
Trichloroethene	0.586	0.047	0.047	3.15	0.25	0.25	10/08/16	KCA	1
Trichlorofluoromethane	0.230	0.178	0.178	1.29	1.00	1.00	10/08/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	10/08/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	10/08/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	100	%	%	100	%	%	10/08/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

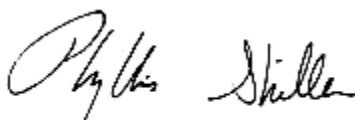
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

October 21, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

October 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 497

Custody Information

Collected by: TG/EK
 Received by: LB
 Analyzed by: see "By" below

Date: 10/06/16 17:29
 10/07/16 15:59

Laboratory Data

SDG ID: GBV42130
 Phoenix ID: BV42136

Project ID: 39-40 30TH ST., QUEENS
 Client ID: SG17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	10/08/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	10/08/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	10/08/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	10/08/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	10/08/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/08/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	10/08/16	KCA	1	
1,2,4-Trimethylbenzene	0.424	0.204	0.204	2.08	1.00	1.00	10/08/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	10/08/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/08/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	10/08/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	10/08/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	10/08/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	10/08/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	10/08/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/08/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	10/08/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	10/08/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	10/08/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	10/08/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	10/08/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	10/08/16	KCA	1	
Acetone	15.3	0.421	0.421	36.3	1.00	1.00	10/08/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	10/08/16	KCA	1	
Benzene	0.915	0.313	0.313	2.92	1.00	1.00	10/08/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	10/08/16	KCA	1	

Client ID: SG17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	10/08/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	10/08/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	10/08/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	10/08/16	KCA	1
Carbon Tetrachloride	0.070	0.040	0.040	0.44	0.25	0.25	10/08/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	10/08/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	10/08/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	10/08/16	KCA	1
Chloromethane	0.555	0.485	0.485	1.15	1.00	1.00	10/08/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/08/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	10/08/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	10/08/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	10/08/16	KCA	1
Dichlorodifluoromethane	0.441	0.202	0.202	2.18	1.00	1.00	10/08/16	KCA	1
Ethanol	121	E 0.531	0.531	228	1.00	1.00	10/08/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	10/08/16	KCA	1
Ethylbenzene	0.502	0.230	0.230	2.18	1.00	1.00	10/08/16	KCA	1
Heptane	0.678	0.244	0.244	2.78	1.00	1.00	10/08/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	10/08/16	KCA	1
Hexane	1.07	S 0.284	0.284	3.77	1.00	1.00	10/08/16	KCA	1
Isopropylalcohol	5.27	0.407	0.407	12.9	1.00	1.00	10/08/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	10/08/16	KCA	1
m,p-Xylene	1.55	0.230	0.230	6.73	1.00	1.00	10/08/16	KCA	1
Methyl Ethyl Ketone	0.769	0.339	0.339	2.27	1.00	1.00	10/08/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	10/08/16	KCA	1
Methylene Chloride	1.23	S 0.288	0.288	4.27	1.00	1.00	10/08/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	10/08/16	KCA	1
o-Xylene	0.551	0.230	0.230	2.39	1.00	1.00	10/08/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	10/08/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	10/08/16	KCA	1
Styrene	0.727	0.235	0.235	3.09	1.00	1.00	10/08/16	KCA	1
Tetrachloroethene	1.33	0.037	0.037	9.02	0.25	0.25	10/08/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	10/08/16	KCA	1
Toluene	3.11	0.266	0.266	11.7	1.00	1.00	10/08/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	10/08/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	10/08/16	KCA	1
Trichloroethene	2.04	0.047	0.047	11.0	0.25	0.25	10/08/16	KCA	1
Trichlorofluoromethane	0.276	0.178	0.178	1.55	1.00	1.00	10/08/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	10/08/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	10/08/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	10/08/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

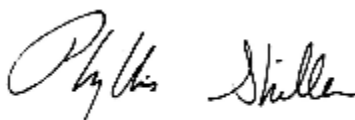
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

October 21, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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QA/QC Report

October 21, 2016

QA/QC Data

SDG I.D.: GBV42130

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
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QA/QC Batch 362166 (ppbv), QC Sample No: BV42131 (BV42130, BV42131, BV42132, BV42133, BV42134, BV42135, BV42136)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.183	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.183	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	126	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	101	1.63	1.68	0.332	0.342	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.166	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.247	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.216	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.452	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.166	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.166	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.278	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.204	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.421	ND	1.00	91	41.5	43.0	17.5	18.1	3.4	70 - 130	25
Acrylonitrile	ND	0.461	ND	1.00	82	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.313	ND	1.00	93	2.08	2.20	0.652	0.689	NC	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	139	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.149	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	144	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.257	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.321	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	120	0.51	0.41	0.081	0.065	NC	70 - 130	25
Chlorobenzene	ND	0.217	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.379	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.484	ND	1.00	89	1.22	1.68	0.592	0.815	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	95	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.291	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.117	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.202	ND	1.00	98	2.20	2.23	0.446	0.451	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	79	706	740	375	393	4.7	70 - 130	25

QA/QC Data

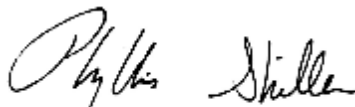
SDG I.D.: GBV42130

Parameter	Bik ppbv	Bik RL ppbv	Bik ug/m3	Bik 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	101	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	99	1.63	1.65	0.376	0.381	NC	70 - 130	25
Heptane	ND	0.244	ND	1.00	96	4.18	4.09	1.02	0.998	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.284	ND	1.00	95	2.53 S	2.89 S	0.719 S	0.821 S	NC	70 - 130	25
Isopropylalcohol	ND	0.407	ND	1.00	76	29.2	30.2	11.9	12.3	3.3	70 - 130	25
Isopropylbenzene	ND	0.204	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	100	5.25	5.34	1.21	1.23	1.6	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	95	2.41	2.43	0.818	0.825	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	86	3.71 S	6.21 S	1.07 S	1.79 S	NC	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	97	1.75	1.95	0.403	0.449	NC	70 - 130	25
Propylene	ND	0.581	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.235	ND	1.00	105	1.97	2.08	0.462	0.489	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	99	9.7	9.6	1.43	1.42	0.7	70 - 130	25
Tetrahydrofuran	ND	0.339	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.266	ND	1.00	98	9.8	9.9	2.60	2.63	1.1	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	92	9.08	8.81	1.69	1.64	3.0	70 - 130	25
Trichlorofluoromethane	ND	0.178	ND	1.00	99	2.36	2.15	0.421	0.383	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	92	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	102	%	102	%	103	101	102	101	102	NC	70 - 130	25

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
 October 21, 2016

Sample Criteria Exceedances Report

GBV42130 - EBC

Criteria: None

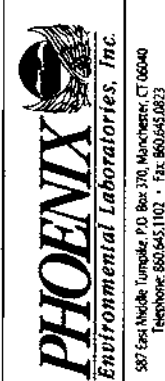
State: NY

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

*** No Data to Display ***

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

CHAIN OF CUSTODY RECORD
AIR ANALYSES
 800-827-5426
 email: greg@phoenixlabs.com



P.O. # _____ Page | of |
 Data Delivery: Fax #:
 Email: F-14
 Phone #:

Report to: **EBC**
 Customer: _____
 Address: _____
 Invoice to: **EBC**
 Project Name: **39-46 30th Street Queens NY**
 Requested Deliverable: RCP ASP CAT B
 State where samples collected: **NY**
 Sampled by: **Thomas Gella / Eleni Kavouras**
 MCP NJ Deliverables

Phoenix ID #	Client Sample ID	Canister ID #	THIS SECTION FOR LAB USE ONLY						Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (\"Hg)	Canister Pressure at End (\"Hg)	Ambient/Indoor Air	MATRIX	
			Outgoing Canister Pressure (\"Hg)	Incoming Canister Pressure (\"Hg)	Flow Regulator ID #	Flow Controller Setting (ml/min)	Flow Controller Setting (ml/min)	Sample Start Date							Soil Gas	Grab (C) Composite (C)
42130	SG22	21344 ✓	30	4	5649	10.0	10.0	9:13	17:29	10-6-16	-30	-4	+			X
42131	Indoor Air Second Floor 03	21361 ✓		5	5061			9:28	17:31	10-6-16	-29	-5	X			X
42132	Elevator Pit	219 ✓		4	5043			9:23	17:28	10-6-16	-30	-5	+			X
42133	Indoor Air Second Floor 04	19629 ✓		2	4961			9:30	17:32	10-6-16	-30	-4	X			X
42134	SG16	21367 ✓		3	5355			9:15	18:03	10-6-16	-30	-6	+			X
42135	Carbon Discharge	19244 ✓		6	6234			9:20	17:27	10-6-16	-30	-3	+			X
42136	Did Not Use	11257 ✓			3888											
42136	SG17	497 ✓		3	3729			9:11	17:29	10-6-16	-30	-4	+			X
	8x6L 8H2															

Relinquished by: **Thomas Gella**
 Date: **10/10/16** Time: **8:30**
 Accepted by: **Eleni Kavouras**
 Date: **10-7-16** Time: **1559**
 Data Format: Excel PDF
 Equis Other:
 GISKey
 Requested Criteria: **NY EZ EDD, ASP B Deliverables**
 SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:
+ 3 Day TAT x
 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: _____
 Quote Number: _____



Tuesday, November 22, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30th St Queens NY
Sample ID#s: BV81711 - BV81718

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.

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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 ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 39-40 30th St Queens NY
Laboratory Project: GBV81711



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

November 22, 2016

SDG I.D.: GBV81711

Environmental Business Consultants 39-40 30th St Queens NY

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
SG24	BV81711	AIR
SG23	BV81712	AIR
ELEVATOR PIT	BV81713	AIR
INDOOR AIR SECOND FLOOR 0	BV81714	AIR
SB16	BV81715	AIR
INDOOR AIR SECOND FLOOR 0	BV81716	AIR
SG22	BV81717	AIR
SG17	BV81718	AIR



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Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

November 22, 2016

SDG I.D.: GBV81711

Environmental Business Consultants 39-40 30th St Queens NY

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BV81711	Volatiles (TO15)	11/10/16	11/13/16	11/13/16	KCA	Y
BV81712	Volatiles (TO15)	11/10/16	11/13/16	11/13/16	KCA	Y
BV81713	Volatiles (TO15)	11/10/16	11/13/16	11/13/16	KCA	Y
BV81714	Volatiles (TO15)	11/10/16	11/14/16	11/14/16	KCA	Y
BV81715	Volatiles (TO15)	11/10/16	11/14/16	11/14/16	KCA	Y
BV81716	Volatiles (TO15)	11/10/16	11/13/16	11/13/16	KCA	Y
BV81717	Volatiles (TO15)	11/10/16	11/13/16	11/13/16	KCA	Y
BV81718	Volatiles (TO15)	11/10/16	11/13/16	11/13/16	KCA	Y



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



SDG Comments

November 22, 2016

SDG I.D.: GBV81711

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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

Analysis Report
 November 22, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 455

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:03
 11/11/16 15:41

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81711

Project ID: 39-40 30th St Queens NY
 Client ID: SG24

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trimethylbenzene	0.359	0.204	0.204	1.76	1.00	1.00	11/13/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.325	0.244	0.244	1.33	1.00	1.00	11/13/16	KCA	1
Acetone	10.3	0.421	0.421	24.5	1.00	1.00	11/13/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1
Benzene	0.655	0.313	0.313	2.09	1.00	1.00	11/13/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.068	0.040	0.040	0.43	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.467	0.202	0.202	2.31	1.00	1.00	11/13/16	KCA	1
Ethanol	117	E 0.531	0.531	220	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	0.599	0.230	0.230	2.60	1.00	1.00	11/13/16	KCA	1
Heptane	0.378	0.244	0.244	1.55	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.768	S 0.284	0.284	2.71	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	43.9	E 0.407	0.407	108	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	2.31	0.230	0.230	10.0	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	2.04	0.339	0.339	6.01	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.385	S 0.288	0.288	1.34	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	0.682	0.230	0.230	2.96	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	0.573	0.037	0.037	3.88	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.582	0.339	0.339	1.72	1.00	1.00	11/13/16	KCA	1
Toluene	2.36	0.266	0.266	8.89	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.163	0.047	0.047	0.88	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.220	0.178	0.178	1.24	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	99	%	%	99	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

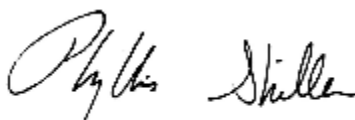
Comments:

E = Estimated value quantitated above calibration range for this compound.

S - Laboratory solvent, contamination is possible.

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

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

November 22, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 22, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 23162

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:40
 11/11/16 15:41

Project ID: 39-40 30th St Queens NY
 Client ID: SG23

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81712

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trimethylbenzene	0.530	0.204	0.204	2.60	1.00	1.00	11/13/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
Acetone	10.4	0.421	0.421	24.7	1.00	1.00	11/13/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1
Benzene	0.862	0.313	0.313	2.75	1.00	1.00	11/13/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.063	0.040	0.040	0.40	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	0.321	0.291	0.291	1.10	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.465	0.202	0.202	2.30	1.00	1.00	11/13/16	KCA	1
Ethanol	41.6	E 0.531	0.531	78.3	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	0.682	0.278	0.278	2.46	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	1.02	0.230	0.230	4.43	1.00	1.00	11/13/16	KCA	1
Heptane	0.397	0.244	0.244	1.63	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.798	S 0.284	0.284	2.81	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	97.8	E 0.407	0.407	240	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	4.11	0.230	0.230	17.8	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	1.73	0.339	0.339	5.10	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.361	S 0.288	0.288	1.25	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	1.20	0.230	0.230	5.21	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	0.365	0.235	0.235	1.55	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	0.640	0.037	0.037	4.34	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.536	0.339	0.339	1.58	1.00	1.00	11/13/16	KCA	1
Toluene	2.87	0.266	0.266	10.8	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.168	0.047	0.047	0.90	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.210	0.178	0.178	1.18	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

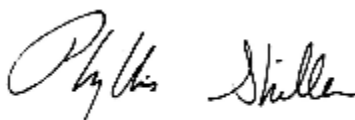
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 22, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 22, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 21370

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 5:53
 11/11/16 15:41

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81713

Project ID: 39-40 30th St Queens NY
 Client ID: ELEVATOR PIT

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1	
Acetone	9.32	0.421	0.421	22.1	1.00	1.00	11/13/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1	
Benzene	0.576	0.313	0.313	1.84	1.00	1.00	11/13/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.070	0.040	0.040	0.44	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	0.500	0.485	0.485	1.03	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.467	0.202	0.202	2.31	1.00	1.00	11/13/16	KCA	1
Ethanol	108	E 0.531	0.531	203	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	0.354	0.230	0.230	1.54	1.00	1.00	11/13/16	KCA	1
Heptane	0.299	0.244	0.244	1.22	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.820	S 0.284	0.284	2.89	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	32.2	0.407	0.407	79.1	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	1.40	0.230	0.230	6.08	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	1.25	0.339	0.339	3.68	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.498	S 0.288	0.288	1.73	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	0.396	0.230	0.230	1.72	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	0.724	0.037	0.037	4.91	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.476	0.339	0.339	1.40	1.00	1.00	11/13/16	KCA	1
Toluene	1.80	0.266	0.266	6.78	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.140	0.047	0.047	0.75	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.224	0.178	0.178	1.26	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	98	%	%	98	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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:

E = Estimated value quantitated above calibration range for this compound.

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

November 22, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 22, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 21363

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:15
 11/11/16 15:41

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81714

Project ID: 39-40 30th St Queens NY
 Client ID: INDOOR AIR SECOND FLOOR 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/14/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/14/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/14/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/14/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/14/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/14/16	KCA	1
1,2,4-Trimethylbenzene	0.501	0.204	0.204	2.46	1.00	1.00	11/14/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/14/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/14/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/14/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/14/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/14/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/14/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.328	0.244	0.244	1.34	1.00	1.00	11/14/16	KCA	1
Acetone	13.8	0.421	0.421	32.8	1.00	1.00	11/14/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/14/16	KCA	1
Benzene	0.652	0.313	0.313	2.08	1.00	1.00	11/14/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/14/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/14/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/14/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/14/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/14/16	KCA	1
Carbon Tetrachloride	0.079	0.040	0.040	0.50	0.25	0.25	11/14/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/14/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/14/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/14/16	KCA	1
Chloromethane	0.621	0.485	0.485	1.28	1.00	1.00	11/14/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/14/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/14/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/14/16	KCA	1
Dichlorodifluoromethane	0.503	0.202	0.202	2.49	1.00	1.00	11/14/16	KCA	1
Ethanol	189	E 0.531	0.531	356	1.00	1.00	11/14/16	KCA	1
Ethyl acetate	0.634	0.278	0.278	2.28	1.00	1.00	11/14/16	KCA	1
Ethylbenzene	0.853	0.230	0.230	3.70	1.00	1.00	11/14/16	KCA	1
Heptane	0.444	0.244	0.244	1.82	1.00	1.00	11/14/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/14/16	KCA	1
Hexane	0.770	S 0.284	0.284	2.71	1.00	1.00	11/14/16	KCA	1
Isopropylalcohol	74.2	E 0.407	0.407	182	1.00	1.00	11/14/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
m,p-Xylene	2.93	0.230	0.230	12.7	1.00	1.00	11/14/16	KCA	1
Methyl Ethyl Ketone	2.69	0.339	0.339	7.93	1.00	1.00	11/14/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
Methylene Chloride	0.478	S 0.288	0.288	1.66	1.00	1.00	11/14/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
o-Xylene	1.02	0.230	0.230	4.43	1.00	1.00	11/14/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/14/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/14/16	KCA	1
Tetrachloroethene	0.876	0.037	0.037	5.94	0.25	0.25	11/14/16	KCA	1
Tetrahydrofuran	0.549	0.339	0.339	1.62	1.00	1.00	11/14/16	KCA	1
Toluene	2.66	0.266	0.266	10.0	1.00	1.00	11/14/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/14/16	KCA	1
Trichloroethene	0.214	0.047	0.047	1.15	0.25	0.25	11/14/16	KCA	1
Trichlorofluoromethane	0.276	0.178	0.178	1.55	1.00	1.00	11/14/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/14/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/14/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	108	%	%	108	%	%	11/14/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

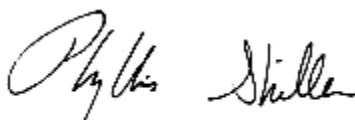
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 22, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 22, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13633

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:17
 11/11/16 15:41

Project ID: 39-40 30th St Queens NY
 Client ID: SB16

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81715

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/14/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/14/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/14/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/14/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/14/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/14/16	KCA	1	
1,2,4-Trimethylbenzene	0.359	0.204	0.204	1.76	1.00	1.00	11/14/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/14/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/14/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/14/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/14/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/14/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/14/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/14/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.404	0.244	0.244	1.65	1.00	1.00	11/14/16	KCA	1	
Acetone	9.00	0.421	0.421	21.4	1.00	1.00	11/14/16	KCA	1	
Acrylonitrile	0.642	0.461	0.461	1.39	1.00	1.00	11/14/16	KCA	1	
Benzene	0.636	0.313	0.313	2.03	1.00	1.00	11/14/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/14/16	KCA	1	

Client ID: SB16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/14/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/14/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/14/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/14/16	KCA	1
Carbon Tetrachloride	0.083	0.040	0.040	0.52	0.25	0.25	11/14/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/14/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/14/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/14/16	KCA	1
Chloromethane	0.565	0.485	0.485	1.17	1.00	1.00	11/14/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/14/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/14/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/14/16	KCA	1
Dichlorodifluoromethane	0.480	0.202	0.202	2.37	1.00	1.00	11/14/16	KCA	1
Ethanol	160	E 0.531	0.531	301	1.00	1.00	11/14/16	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
Ethylbenzene	0.631	0.230	0.230	2.74	1.00	1.00	11/14/16	KCA	1
Heptane	0.333	0.244	0.244	1.36	1.00	1.00	11/14/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/14/16	KCA	1
Hexane	0.676	S 0.284	0.284	2.38	1.00	1.00	11/14/16	KCA	1
Isopropylalcohol	38.4	0.407	0.407	94.3	1.00	1.00	11/14/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/14/16	KCA	1
m,p-Xylene	2.23	0.230	0.230	9.7	1.00	1.00	11/14/16	KCA	1
Methyl Ethyl Ketone	1.69	0.339	0.339	4.98	1.00	1.00	11/14/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/14/16	KCA	1
Methylene Chloride	0.551	S 0.288	0.288	1.91	1.00	1.00	11/14/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
o-Xylene	0.687	0.230	0.230	2.98	1.00	1.00	11/14/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/14/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/14/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/14/16	KCA	1
Tetrachloroethene	0.785	0.037	0.037	5.32	0.25	0.25	11/14/16	KCA	1
Tetrahydrofuran	0.506	0.339	0.339	1.49	1.00	1.00	11/14/16	KCA	1
Toluene	2.20	0.266	0.266	8.29	1.00	1.00	11/14/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/14/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/14/16	KCA	1
Trichloroethene	0.194	0.047	0.047	1.04	0.25	0.25	11/14/16	KCA	1
Trichlorofluoromethane	0.249	0.178	0.178	1.40	1.00	1.00	11/14/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/14/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/14/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	110	%	%	110	%	%	11/14/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

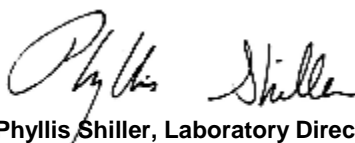
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 22, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 22, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 486

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:13
 11/11/16 15:41

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81716

Project ID: 39-40 30th St Queens NY
 Client ID: INDOOR AIR SECOND FLOOR 04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trimethylbenzene	0.672	0.204	0.204	3.30	1.00	1.00	11/13/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1
1,3,5-Trimethylbenzene	0.214	0.204	0.204	1.05	1.00	1.00	11/13/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dichlorobenzene	0.176	0.166	0.166	1.06	1.00	1.00	11/13/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.277	0.244	0.244	1.13	1.00	1.00	11/13/16	KCA	1
Acetone	17.4	0.421	0.421	41.3	1.00	1.00	11/13/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1
Benzene	0.557	0.313	0.313	1.78	1.00	1.00	11/13/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.057	0.040	0.040	0.36	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	0.580	0.485	0.485	1.20	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.474	0.202	0.202	2.34	1.00	1.00	11/13/16	KCA	1
Ethanol	1060	E 0.531	0.531	2000	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	0.863	0.278	0.278	3.11	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	0.565	0.230	0.230	2.45	1.00	1.00	11/13/16	KCA	1
Heptane	0.465	0.244	0.244	1.90	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.636	S 0.284	0.284	2.24	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	90.7	E 0.407	0.407	223	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	2.15	0.230	0.230	9.33	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	2.76	0.339	0.339	8.13	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.672	S 0.288	0.288	2.33	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	0.690	0.230	0.230	2.99	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	0.254	0.235	0.235	1.08	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	0.540	0.037	0.037	3.66	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.725	0.339	0.339	2.14	1.00	1.00	11/13/16	KCA	1
Toluene	2.57	0.266	0.266	9.7	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.233	0.047	0.047	1.25	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.265	0.178	0.178	1.49	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	97	%	%	97	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

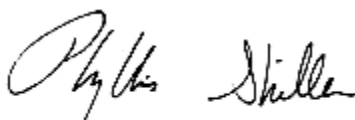
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 22, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 22, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13636

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:20
 11/11/16 15:41

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81717

Project ID: 39-40 30th St Queens NY
 Client ID: SG22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trimethylbenzene	0.581	0.204	0.204	2.85	1.00	1.00	11/13/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
4-Methyl-2-pentanone(MIBK)	0.748	0.244	0.244	3.06	1.00	1.00	11/13/16	KCA	1
Acetone	12.2	0.421	0.421	29.0	1.00	1.00	11/13/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1
Benzene	0.836	0.313	0.313	2.67	1.00	1.00	11/13/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.065	0.040	0.040	0.41	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	0.501	0.485	0.485	1.03	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	0.405	0.291	0.291	1.39	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.495	0.202	0.202	2.45	1.00	1.00	11/13/16	KCA	1
Ethanol	217	E 0.531	0.531	409	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	0.822	0.278	0.278	2.96	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	1.07	0.230	0.230	4.64	1.00	1.00	11/13/16	KCA	1
Heptane	0.433	0.244	0.244	1.77	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.806	S 0.284	0.284	2.84	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	75.7	E 0.407	0.407	186	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	4.17	0.230	0.230	18.1	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	1.99	0.339	0.339	5.87	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.503	S 0.288	0.288	1.75	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	1.26	0.230	0.230	5.47	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	2.29	0.037	0.037	15.5	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.599	0.339	0.339	1.77	1.00	1.00	11/13/16	KCA	1
Toluene	4.36	0.266	0.266	16.4	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.172	0.047	0.047	0.92	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.258	0.178	0.178	1.45	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

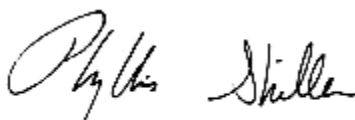
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 22, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 November 22, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 362

Custody Information

Collected by: PR
 Received by: LB
 Analyzed by: see "By" below

Date Time
 11/10/16 6:23
 11/11/16 15:41

Project ID: 39-40 30th St Queens NY
 Client ID: SG17

Laboratory Data

SDG ID: GBV81711
 Phoenix ID: BV81718

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/13/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/13/16	KCA	1
1,2,4-Trimethylbenzene	0.642	0.204	0.204	3.15	1.00	1.00	11/13/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/13/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/13/16	KCA	1
1,3,5-Trimethylbenzene	0.213	0.204	0.204	1.05	1.00	1.00	11/13/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/13/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/13/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/13/16	KCA	1
Acetone	11.2	0.421	0.421	26.6	1.00	1.00	11/13/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/13/16	KCA	1
Benzene	0.687	0.313	0.313	2.19	1.00	1.00	11/13/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/13/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/13/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/13/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	11/13/16	KCA	1
Carbon Tetrachloride	0.070	0.040	0.040	0.44	0.25	0.25	11/13/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/13/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/13/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	11/13/16	KCA	1
Chloromethane	0.510	0.485	0.485	1.05	1.00	1.00	11/13/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/13/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/13/16	KCA	1
Dichlorodifluoromethane	0.487	0.202	0.202	2.41	1.00	1.00	11/13/16	KCA	1
Ethanol	51.6	E 0.531	0.531	97.2	1.00	1.00	11/13/16	KCA	1
Ethyl acetate	0.607	0.278	0.278	2.19	1.00	1.00	11/13/16	KCA	1
Ethylbenzene	0.892	0.230	0.230	3.87	1.00	1.00	11/13/16	KCA	1
Heptane	0.316	0.244	0.244	1.29	1.00	1.00	11/13/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/13/16	KCA	1
Hexane	0.867	S 0.284	0.284	3.05	1.00	1.00	11/13/16	KCA	1
Isopropylalcohol	76.2	E 0.407	0.407	187	1.00	1.00	11/13/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/13/16	KCA	1
m,p-Xylene	3.57	0.230	0.230	15.5	1.00	1.00	11/13/16	KCA	1
Methyl Ethyl Ketone	2.18	0.339	0.339	6.43	1.00	1.00	11/13/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/13/16	KCA	1
Methylene Chloride	0.691	S 0.288	0.288	2.40	1.00	1.00	11/13/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
o-Xylene	1.11	0.230	0.230	4.82	1.00	1.00	11/13/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	11/13/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/13/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	11/13/16	KCA	1
Tetrachloroethene	0.616	0.037	0.037	4.18	0.25	0.25	11/13/16	KCA	1
Tetrahydrofuran	0.732	0.339	0.339	2.16	1.00	1.00	11/13/16	KCA	1
Toluene	2.47	0.266	0.266	9.30	1.00	1.00	11/13/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/13/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/13/16	KCA	1
Trichloroethene	0.197	0.047	0.047	1.06	0.25	0.25	11/13/16	KCA	1
Trichlorofluoromethane	0.238	0.178	0.178	1.34	1.00	1.00	11/13/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/13/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	11/13/16	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	98	%	%	98	%	%	11/13/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

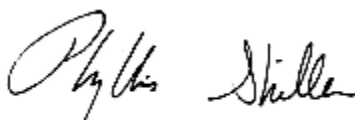
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

November 22, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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

QA/QC Report

November 22, 2016

QA/QC Data

SDG I.D.: GBV81711

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 366668 (ppbv), QC Sample No: BV81711 (BV81711, BV81712, BV81713, BV81716, BV81717, BV81718)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.183	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.183	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	164	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	124	1.76	1.92	0.359	0.390	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.166	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.247	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.216	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.452	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.166	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.166	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.278	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.204	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	127	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	106	1.33	1.33	0.325	0.324	NC	70 - 130	25
Acetone	ND	0.421	ND	1.00	88	24.5	26.8	10.3	11.3	9.3	70 - 130	25
Acrylonitrile	ND	0.461	ND	1.00	84	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.313	ND	1.00	101	2.09	2.12	0.655	0.663	NC	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.149	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.257	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.321	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	97	0.43	0.42	0.068	0.067	NC	70 - 130	25
Chlorobenzene	ND	0.217	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.379	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.484	ND	1.00	79	ND	1.24	ND	0.600	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	100	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.291	ND	1.00	96	ND	1.07	ND	0.312	NC	70 - 130	25
Dibromochloromethane	ND	0.117	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.202	ND	1.00	97	2.31	2.40	0.467	0.486	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	74	220	243	117	129	9.8	70 - 130	25

QA/QC Data

SDG I.D.: GBV81711

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	114	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	117	2.60	2.67	0.599	0.616	NC	70 - 130	25
Heptane	ND	0.244	ND	1.00	102	1.55	1.51	0.378	0.368	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.284	ND	1.00	104	2.71 S	2.95 S	0.768 S	0.837 S	NC	70 - 130	25
Isopropylalcohol	ND	0.407	ND	1.00	86	108	118	43.9	48.0	8.9	70 - 130	25
Isopropylbenzene	ND	0.204	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	114	10.0	10.8	2.31	2.50	7.9	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	100	6.01	6.19	2.04	2.10	2.9	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	89	1.34 S	1.61 S	0.385 S	0.463 S	NC	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	135	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	113	2.96	2.88	0.682	0.663	NC	70 - 130	25
Propylene	ND	0.581	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	129	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.235	ND	1.00	121	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	107	3.88	4.33	0.573	0.639	10.9	70 - 130	25
Tetrahydrofuran	ND	0.339	ND	1.00	107	1.72	1.85	0.582	0.626	NC	70 - 130	25
Toluene	ND	0.266	ND	1.00	114	8.89	9.23	2.36	2.45	3.7	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	101	0.88	0.89	0.163	0.165	NC	70 - 130	25
Trichlorofluoromethane	ND	0.178	ND	1.00	91	1.24	1.27	0.220	0.227	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	96	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	99	%	99	%	97	99	101	99	101	NC	70 - 130	25

QA/QC Batch 366676 (ppbv), QC Sample No: BV81722 (BV81714, BV81715)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.183	ND	1.00	108	14.7	14.8	2.69	2.72	1.1	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.183	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	141	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	102	17.0	18.1	3.47	3.69	6.1	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.166	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.247	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.216	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	106	5.60	5.60	1.14	1.14	0.0	70 - 130	25
1,3-Butadiene	ND	0.452	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.166	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.166	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.278	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.204	ND	1.00	104	3.74	3.93	0.762	0.799	NC	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	100	1.26	1.22	0.230	0.223	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	113	14.7	15.6	3.60	3.81	5.7	70 - 130	25
Acetone	ND	0.421	ND	1.00	104	49.9	89.0	21.0	37.5	56.4	70 - 130	25
Acrylonitrile	ND	0.461	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GBV81711

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	106	57.8	57.5	18.1	18.0	0.6	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.149	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.257	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.321	ND	1.00	104	15.8	15.6	5.09	5.00	1.8	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	105	0.61	0.62	0.097	0.099	NC	70 - 130	25
Chlorobenzene	ND	0.217	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.379	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	105	55.6	54.7	11.4	11.2	1.8	70 - 130	25
Chloromethane	ND	0.484	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	107	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.291	ND	1.00	109	28.4	28.4	8.27	8.25	0.2	70 - 130	25
Dibromochloromethane	ND	0.117	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.202	ND	1.00	109	2.73	2.74	0.553	0.555	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	94	17.0	17.2	9.01	9.15	1.5	70 - 130	25
Ethyl acetate	ND	0.278	ND	1.00	115	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	108	53.8	58.6	12.4	13.5	8.5	70 - 130	25
Heptane	ND	0.244	ND	1.00	111	45.5	46.3	11.1	11.3	1.8	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.284	ND	1.00	108	53.5	52.8	15.2	15.0	1.3	70 - 130	25
Isopropylalcohol	ND	0.407	ND	1.00	116	7.30	7.10	2.97	2.89	2.7	70 - 130	25
Isopropylbenzene	ND	0.204	ND	1.00	100	2.85	2.84	0.580	0.578	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	109	152	160	35.1	36.9	5.0	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	136	25.0	24.5	8.49	8.31	2.1	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	101	5.59 S	5.73 S	1.61 S	1.65 S	2.5	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	101	3.02	3.00	0.550	0.547	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	105	59.9	62.9	13.8	14.5	4.9	70 - 130	25
Propylene	ND	0.581	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	99	ND	1.24	ND	0.226	NC	70 - 130	25
Styrene	ND	0.235	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	108	432	466	63.7	68.8	7.7	70 - 130	25
Tetrahydrofuran	ND	0.339	ND	1.00	115	2.43	2.51	0.823	0.851	NC	70 - 130	25
Toluene	ND	0.266	ND	1.00	109	44.8	47.5	11.9	12.6	5.7	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	107	351	356	65.4	66.3	1.4	70 - 130	25
Trichlorofluoromethane	ND	0.178	ND	1.00	107	1.58	1.63	0.282	0.290	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	109	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	104	%	104	%	99	104	103	104	103	NC	70 - 130	25

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

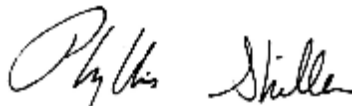
QA/QC Data

SDG I.D.: GBV81711

Parameter	Bik ppbv	Bik RL ppbv	Bik ug/m3	Bik RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP 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
November 22, 2016

Tuesday, November 22, 2016

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBV81711 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

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

CHAIN OF CUSTODY RECORD

AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page of

Data Delivery: Fax File
 Email Phone #



Phoenix Laboratories, Inc.
 100 P.O. Box 370, Manchester, CT 06040
 860.645.1102 • Fax: 860.645.1823

Customer: EBE

Invoice to: EBE

Project Name:

Requested Deliverable: ASP CAT B MCP NJ Deliverables

State where samples collected: NY

Sampled by: Patrick Radio

Phoenix ID #	Client Sample ID	THIS SECTION FOR LAB USE ONLY				Flow Regulator ID #	Flow Controller Setting (mL/min)	AM Sampling Start Time	AM Sampling End Time	PM Sampling 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	ANALYSES
		Canister ID #	Canister Size (L)	Outgoing Canister Pressure (Hg)	Incoming Canister Pressure (Hg)													
81711	SG24	455	6.0	-30	-3	6234	96	10:35	6:03	11-10-16	-30	-5	X		X			
81712	SG23	21362			-13	3416		10:30	6:40	11-10-16	-30	-15	X		X			
81713	Elevator Pit	21370			-2	4494		9:49	5:53	11-10-16	-30	-4	X		X			
81714	Indoor Air Second Floor 03	21363			-4	3504		10:10	6:15	11-10-16	-30	-6	X		X			
81715	SG16	13633			-4	5550		10:13	6:17	11-10-16	-30	-5	X		X			
81716	Indoor Air Second Floor 04	486			-5	5712		10:00	6:13	11-10-16	-30	-6	X		X			
81717	SG22	13636			-4	5660		10:17	6:20	11-10-16	-30	-6	X		X			
81718	SG17	19859			-4	4490		10:19	6:23	11-10-16	-30	-5	X		X			
	9x6L PH2	362				3190												

Relinquished by: [Signature] Date: 11-11-16 Time: 8:45
 Accepted by: [Signature] Date: 11-11-16 Time: 15:41
 Data Format: Excel PDF GISKey Other:

Requested Criteria: Kepted Buncce
 SPECIAL INSTRUCTIONS OR REQUIREMENTS, REGULATORY INFORMATION:
TAT 3 DAY
 Signature: _____ Date: _____
 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.



Friday, January 06, 2017

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 39-40 30TH ST QUEENS NY
Sample ID#s: BX11093 - BX11100

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.

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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 ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 39-40 30TH ST QUEENS NY
Laboratory Project: GBX11093



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

January 06, 2017

SDG I.D.: GBX11093

Environmental Business Consultants 39-40 30TH ST QUEENS NY

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
SG16	BX11093	AIR
SG23	BX11094	AIR
SG22	BX11095	AIR
SG24	BX11096	AIR
INDOOR AIR SECOND FLOOR 0	BX11097	AIR
INDOOR AIR SECOND FLOOR 0	BX11098	AIR
ELEVATOR PIT	BX11099	AIR
SG17	BX11100	AIR



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NY Analytical Services Protocol Format

January 06, 2017

SDG I.D.: GBX11093

Environmental Business Consultants 39-40 30TH ST QUEENS NY

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BX11093	Volatiles (TO15)	12/21/16	12/22/16	12/22/16	KCA	Y
BX11094	Volatiles (TO15)	12/21/16	12/22/16	12/22/16	KCA	Y
BX11095	Volatiles (TO15)	12/21/16	12/27/16	12/27/16	KCA	Y
BX11096	Volatiles (TO15)	12/21/16	12/27/16	12/27/16	KCA	Y
BX11097	Volatiles (TO15)	12/21/16	12/27/16	12/27/16	KCA	Y
BX11098	Volatiles (TO15)	12/21/16	12/27/16	12/27/16	KCA	Y
BX11099	Volatiles (TO15)	12/21/16	12/28/16	12/28/16	KCA	Y
BX11100	Volatiles (TO15)	12/21/16	12/24/16	12/24/16	KCA	Y



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



SDG Comments

January 06, 2017

SDG I.D.: GBX11093

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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

Analysis Report
 January 06, 2017

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 18851

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 12/21/16 17:41
 12/22/16 17:38

Laboratory Data

SDG ID: GBX11093
 Phoenix ID: BX11093

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/22/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/22/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/22/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/22/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/22/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/22/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/22/16	KCA	1	
1,2,4-Trimethylbenzene	0.441	0.204	0.204	2.17	1.00	1.00	12/22/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/22/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/22/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/22/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/22/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/22/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/22/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/22/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/22/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/22/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/22/16	KCA	1	
2-Hexanone(MBK)	0.570	0.244	0.244	2.33	1.00	1.00	12/22/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/22/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/22/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/22/16	KCA	1	
Acetone	9.74	0.421	0.421	23.1	1.00	1.00	12/22/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/22/16	KCA	1	
Benzene	0.899	0.313	0.313	2.87	1.00	1.00	12/22/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/22/16	KCA	1	

Client ID: SG16

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/22/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/22/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/22/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/22/16	KCA	1
Carbon Tetrachloride	0.065	0.040	0.040	0.41	0.25	0.25	12/22/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/22/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/22/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/22/16	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/22/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/22/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/22/16	KCA	1
Cyclohexane	0.756	0.291	0.291	2.60	1.00	1.00	12/22/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/22/16	KCA	1
Dichlorodifluoromethane	0.448	0.202	0.202	2.21	1.00	1.00	12/22/16	KCA	1
Ethanol	34.7	0.531	0.531	65.3	1.00	1.00	12/22/16	KCA	1
Ethyl acetate	0.549	0.278	0.278	1.98	1.00	1.00	12/22/16	KCA	1
Ethylbenzene	0.550	0.230	0.230	2.39	1.00	1.00	12/22/16	KCA	1
Heptane	0.939	0.244	0.244	3.85	1.00	1.00	12/22/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/22/16	KCA	1
Hexane	1.57	S 0.284	0.284	5.53	1.00	1.00	12/22/16	KCA	1
Isopropylalcohol	4.96	0.407	0.407	12.2	1.00	1.00	12/22/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/22/16	KCA	1
m,p-Xylene	1.91	0.230	0.230	8.29	1.00	1.00	12/22/16	KCA	1
Methyl Ethyl Ketone	6.92	0.339	0.339	20.4	1.00	1.00	12/22/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/22/16	KCA	1
Methylene Chloride	0.469	S 0.288	0.288	1.63	1.00	1.00	12/22/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/22/16	KCA	1
o-Xylene	0.683	0.230	0.230	2.96	1.00	1.00	12/22/16	KCA	1
Propylene	17.3	0.581	0.581	29.8	1.00	1.00	12/22/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/22/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/22/16	KCA	1
Tetrachloroethene	0.643	0.037	0.037	4.36	0.25	0.25	12/22/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/22/16	KCA	1
Toluene	4.16	0.266	0.266	15.7	1.00	1.00	12/22/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/22/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/22/16	KCA	1
Trichloroethene	0.101	0.047	0.047	0.54	0.25	0.25	12/22/16	KCA	1
Trichlorofluoromethane	0.250	0.178	0.178	1.40	1.00	1.00	12/22/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/22/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/22/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	12/22/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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

January 06, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 January 06, 2017

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 492

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 12/21/16 17:18
 12/22/16 17:38

Laboratory Data

SDG ID: GBX11093
 Phoenix ID: BX11094

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG23

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/22/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/22/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/22/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/22/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/22/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/22/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/22/16	KCA	1	
1,2,4-Trimethylbenzene	0.429	0.204	0.204	2.11	1.00	1.00	12/22/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/22/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/22/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/22/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/22/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/22/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/22/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/22/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/22/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/22/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/22/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/22/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/22/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/22/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/22/16	KCA	1	
Acetone	9.39	0.421	0.421	22.3	1.00	1.00	12/22/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/22/16	KCA	1	
Benzene	0.824	0.313	0.313	2.63	1.00	1.00	12/22/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/22/16	KCA	1	

Client ID: SG23

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/22/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/22/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/22/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/22/16	KCA	1
Carbon Tetrachloride	0.060	0.040	0.040	0.38	0.25	0.25	12/22/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/22/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/22/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/22/16	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/22/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/22/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/22/16	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/22/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/22/16	KCA	1
Dichlorodifluoromethane	0.439	0.202	0.202	2.17	1.00	1.00	12/22/16	KCA	1
Ethanol	32.6	0.531	0.531	61.4	1.00	1.00	12/22/16	KCA	1
Ethyl acetate	0.823	0.278	0.278	2.96	1.00	1.00	12/22/16	KCA	1
Ethylbenzene	0.496	0.230	0.230	2.15	1.00	1.00	12/22/16	KCA	1
Heptane	0.618	0.244	0.244	2.53	1.00	1.00	12/22/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/22/16	KCA	1
Hexane	1.32	S 0.284	0.284	4.65	1.00	1.00	12/22/16	KCA	1
Isopropylalcohol	6.87	0.407	0.407	16.9	1.00	1.00	12/22/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/22/16	KCA	1
m,p-Xylene	2.01	0.230	0.230	8.72	1.00	1.00	12/22/16	KCA	1
Methyl Ethyl Ketone	1.40	0.339	0.339	4.13	1.00	1.00	12/22/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/22/16	KCA	1
Methylene Chloride	0.603	S 0.288	0.288	2.09	1.00	1.00	12/22/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/22/16	KCA	1
o-Xylene	0.606	0.230	0.230	2.63	1.00	1.00	12/22/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/22/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/22/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/22/16	KCA	1
Tetrachloroethene	0.559	0.037	0.037	3.79	0.25	0.25	12/22/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/22/16	KCA	1
Toluene	3.79	0.266	0.266	14.3	1.00	1.00	12/22/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/22/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/22/16	KCA	1
Trichloroethene	0.113	0.047	0.047	0.61	0.25	0.25	12/22/16	KCA	1
Trichlorofluoromethane	0.231	0.178	0.178	1.30	1.00	1.00	12/22/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/22/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/22/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	12/22/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded 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

January 06, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 January 06, 2017

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 369

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 12/21/16 17:16
 12/22/16 17:38

Laboratory Data

SDG ID: GBX11093
 Phoenix ID: BX11095

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/27/16	KCA	1
1,2,4-Trimethylbenzene	0.423	0.204	0.204	2.08	1.00	1.00	12/27/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/27/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/27/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/27/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/27/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/27/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/16	KCA	1
Acetone	13.5	0.421	0.421	32.0	1.00	1.00	12/27/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/27/16	KCA	1
Benzene	0.928	0.313	0.313	2.96	1.00	1.00	12/27/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/27/16	KCA	1

Client ID: SG22

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/27/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/27/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/27/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/27/16	KCA	1
Carbon Tetrachloride	0.073	0.040	0.040	0.46	0.25	0.25	12/27/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/27/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/27/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/27/16	KCA	1
Chloromethane	0.562	0.485	0.485	1.16	1.00	1.00	12/27/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/16	KCA	1
Cyclohexane	0.625	0.291	0.291	2.15	1.00	1.00	12/27/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/27/16	KCA	1
Dichlorodifluoromethane	0.435	0.202	0.202	2.15	1.00	1.00	12/27/16	KCA	1
Ethanol	61.1	E 0.531	0.531	115	1.00	1.00	12/27/16	KCA	1
Ethyl acetate	0.668	0.278	0.278	2.41	1.00	1.00	12/27/16	KCA	1
Ethylbenzene	0.821	0.230	0.230	3.56	1.00	1.00	12/27/16	KCA	1
Heptane	0.797	0.244	0.244	3.26	1.00	1.00	12/27/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/27/16	KCA	1
Hexane	1.46	S 0.284	0.284	5.14	1.00	1.00	12/27/16	KCA	1
Isopropylalcohol	12.3	0.407	0.407	30.2	1.00	1.00	12/27/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1
m,p-Xylene	2.95	0.230	0.230	12.8	1.00	1.00	12/27/16	KCA	1
Methyl Ethyl Ketone	1.68	0.339	0.339	4.95	1.00	1.00	12/27/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/27/16	KCA	1
Methylene Chloride	0.604	S 0.288	0.288	2.10	1.00	1.00	12/27/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
o-Xylene	0.904	0.230	0.230	3.92	1.00	1.00	12/27/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/27/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/27/16	KCA	1
Tetrachloroethene	0.550	0.037	0.037	3.73	0.25	0.25	12/27/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/27/16	KCA	1
Toluene	4.18	0.266	0.266	15.7	1.00	1.00	12/27/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/16	KCA	1
Trichloroethene	0.132	0.047	0.047	0.71	0.25	0.25	12/27/16	KCA	1
Trichlorofluoromethane	0.286	0.178	0.178	1.61	1.00	1.00	12/27/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/27/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/27/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	12/27/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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:

E = Estimated value quantitated above calibration range for this compound.

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

January 06, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

January 06, 2017

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 355

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 12/21/16 17:21
 12/22/16 17:38

Laboratory Data

SDG ID: GBX11093
 Phoenix ID: BX11096

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG24

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/27/16	KCA	1	
1,2,4-Trimethylbenzene	0.418	0.204	0.204	2.05	1.00	1.00	12/27/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/27/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/27/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/27/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/27/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/27/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/16	KCA	1	
Acetone	13.8	0.421	0.421	32.8	1.00	1.00	12/27/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/27/16	KCA	1	
Benzene	0.895	0.313	0.313	2.86	1.00	1.00	12/27/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/27/16	KCA	1	

Client ID: SG24

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/27/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/27/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/27/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/27/16	KCA	1
Carbon Tetrachloride	0.079	0.040	0.040	0.50	0.25	0.25	12/27/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/27/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/27/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/27/16	KCA	1
Chloromethane	0.519	0.485	0.485	1.07	1.00	1.00	12/27/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/16	KCA	1
Cyclohexane	0.608	0.291	0.291	2.09	1.00	1.00	12/27/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/27/16	KCA	1
Dichlorodifluoromethane	0.490	0.202	0.202	2.42	1.00	1.00	12/27/16	KCA	1
Ethanol	49.7	E 0.531	0.531	93.6	1.00	1.00	12/27/16	KCA	1
Ethyl acetate	0.753	0.278	0.278	2.71	1.00	1.00	12/27/16	KCA	1
Ethylbenzene	0.522	0.230	0.230	2.27	1.00	1.00	12/27/16	KCA	1
Heptane	0.732	0.244	0.244	3.00	1.00	1.00	12/27/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/27/16	KCA	1
Hexane	1.38	S 0.284	0.284	4.86	1.00	1.00	12/27/16	KCA	1
Isopropylalcohol	9.30	0.407	0.407	22.8	1.00	1.00	12/27/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1
m,p-Xylene	1.80	0.230	0.230	7.81	1.00	1.00	12/27/16	KCA	1
Methyl Ethyl Ketone	1.64	0.339	0.339	4.83	1.00	1.00	12/27/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/27/16	KCA	1
Methylene Chloride	0.640	S 0.288	0.288	2.22	1.00	1.00	12/27/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
o-Xylene	0.595	0.230	0.230	2.58	1.00	1.00	12/27/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/27/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
Styrene	0.253	0.235	0.235	1.08	1.00	1.00	12/27/16	KCA	1
Tetrachloroethene	0.544	0.037	0.037	3.69	0.25	0.25	12/27/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/27/16	KCA	1
Toluene	3.51	0.266	0.266	13.2	1.00	1.00	12/27/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/16	KCA	1
Trichloroethene	0.141	0.047	0.047	0.76	0.25	0.25	12/27/16	KCA	1
Trichlorofluoromethane	0.287	0.178	0.178	1.61	1.00	1.00	12/27/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/27/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/27/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	12/27/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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:

E = Estimated value quantitated above calibration range for this compound.

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

January 06, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 January 06, 2017

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 19635

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 12/21/16 17:34
 12/22/16 17:38

Laboratory Data

SDG ID: GBX11093
 Phoenix ID: BX11097

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLOOR 03

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/27/16	KCA	1	
1,2,4-Trimethylbenzene	0.378	0.204	0.204	1.86	1.00	1.00	12/27/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/27/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/27/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/27/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/27/16	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/27/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/16	KCA	1	
Acetone	15.7	0.421	0.421	37.3	1.00	1.00	12/27/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/27/16	KCA	1	
Benzene	0.860	0.313	0.313	2.75	1.00	1.00	12/27/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/27/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/27/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/27/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/27/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/27/16	KCA	1
Carbon Tetrachloride	0.084	0.040	0.040	0.53	0.25	0.25	12/27/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/27/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/27/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/27/16	KCA	1
Chloromethane	0.640	0.485	0.485	1.32	1.00	1.00	12/27/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/16	KCA	1
Cyclohexane	0.542	0.291	0.291	1.86	1.00	1.00	12/27/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/27/16	KCA	1
Dichlorodifluoromethane	0.452	0.202	0.202	2.23	1.00	1.00	12/27/16	KCA	1
Ethanol	171	E 0.531	0.531	322	1.00	1.00	12/27/16	KCA	1
Ethyl acetate	0.669	0.278	0.278	2.41	1.00	1.00	12/27/16	KCA	1
Ethylbenzene	0.466	0.230	0.230	2.02	1.00	1.00	12/27/16	KCA	1
Heptane	0.776	0.244	0.244	3.18	1.00	1.00	12/27/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/27/16	KCA	1
Hexane	1.19	S 0.284	0.284	4.19	1.00	1.00	12/27/16	KCA	1
Isopropylalcohol	9.51	0.407	0.407	23.4	1.00	1.00	12/27/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1
m,p-Xylene	1.57	0.230	0.230	6.81	1.00	1.00	12/27/16	KCA	1
Methyl Ethyl Ketone	1.48	0.339	0.339	4.36	1.00	1.00	12/27/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/27/16	KCA	1
Methylene Chloride	0.538	S 0.288	0.288	1.87	1.00	1.00	12/27/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
o-Xylene	0.506	0.230	0.230	2.20	1.00	1.00	12/27/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/27/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/27/16	KCA	1
Tetrachloroethene	0.492	0.037	0.037	3.33	0.25	0.25	12/27/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/27/16	KCA	1
Toluene	3.41	0.266	0.266	12.8	1.00	1.00	12/27/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/16	KCA	1
Trichloroethene	0.131	0.047	0.047	0.70	0.25	0.25	12/27/16	KCA	1
Trichlorofluoromethane	0.311	0.178	0.178	1.75	1.00	1.00	12/27/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/27/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/27/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	12/27/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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:

E = Estimated value quantitated above calibration range for this compound.

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

January 06, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 January 06, 2017

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 479

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

12/21/16
 12/22/16

Time

17:32
 17:38

Laboratory Data

SDG ID: GBX11093
 Phoenix ID: BX11098

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: INDOOR AIR SECOND FLOOR 04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/27/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/27/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/27/16	KCA	1
1,2,4-Trimethylbenzene	0.415	0.204	0.204	2.04	1.00	1.00	12/27/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/27/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/27/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/27/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/27/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/27/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/27/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/27/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/27/16	KCA	1
Acetone	14.5	0.421	0.421	34.4	1.00	1.00	12/27/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/27/16	KCA	1
Benzene	0.868	0.313	0.313	2.77	1.00	1.00	12/27/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/27/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/27/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/27/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/27/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/27/16	KCA	1
Carbon Tetrachloride	0.072	0.040	0.040	0.45	0.25	0.25	12/27/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/27/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/27/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/27/16	KCA	1
Chloromethane	0.517	0.485	0.485	1.07	1.00	1.00	12/27/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/16	KCA	1
Cyclohexane	0.617	0.291	0.291	2.12	1.00	1.00	12/27/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/27/16	KCA	1
Dichlorodifluoromethane	0.418	0.202	0.202	2.07	1.00	1.00	12/27/16	KCA	1
Ethanol	177	E 0.531	0.531	333	1.00	1.00	12/27/16	KCA	1
Ethyl acetate	0.699	0.278	0.278	2.52	1.00	1.00	12/27/16	KCA	1
Ethylbenzene	0.515	0.230	0.230	2.23	1.00	1.00	12/27/16	KCA	1
Heptane	0.847	0.244	0.244	3.47	1.00	1.00	12/27/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/27/16	KCA	1
Hexane	1.40	S 0.284	0.284	4.93	1.00	1.00	12/27/16	KCA	1
Isopropylalcohol	7.66	0.407	0.407	18.8	1.00	1.00	12/27/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/27/16	KCA	1
m,p-Xylene	1.77	0.230	0.230	7.68	1.00	1.00	12/27/16	KCA	1
Methyl Ethyl Ketone	1.51	0.339	0.339	4.45	1.00	1.00	12/27/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/27/16	KCA	1
Methylene Chloride	0.499	S 0.288	0.288	1.73	1.00	1.00	12/27/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
o-Xylene	0.573	0.230	0.230	2.49	1.00	1.00	12/27/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/27/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/27/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/27/16	KCA	1
Tetrachloroethene	0.473	0.037	0.037	3.21	0.25	0.25	12/27/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/27/16	KCA	1
Toluene	3.48	0.266	0.266	13.1	1.00	1.00	12/27/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/27/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/27/16	KCA	1
Trichloroethene	0.108	0.047	0.047	0.58	0.25	0.25	12/27/16	KCA	1
Trichlorofluoromethane	0.281	0.178	0.178	1.58	1.00	1.00	12/27/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/27/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/27/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	12/27/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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:

E = Estimated value quantitated above calibration range for this compound.

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

January 06, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report
 January 06, 2017

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 491

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 12/21/16 17:38
 12/22/16 17:38

Laboratory Data

SDG ID: GBX11093
 Phoenix ID: BX11099

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: ELEVATOR PIT

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
<u>Volatiles (TO15)</u>										
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/28/16	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/28/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/28/16	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/28/16	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/28/16	KCA	1	
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/28/16	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/28/16	KCA	1	
1,2,4-Trimethylbenzene	0.216	0.204	0.204	1.06	1.00	1.00	12/28/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/28/16	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/28/16	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/28/16	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/28/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/28/16	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/28/16	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/28/16	KCA	1	
1,3-Dichlorobenzene	0.242	0.166	0.166	1.45	1.00	1.00	12/28/16	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/28/16	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/28/16	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/28/16	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/28/16	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/28/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/28/16	KCA	1	
Acetone	11.5	0.421	0.421	27.3	1.00	1.00	12/28/16	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/28/16	KCA	1	
Benzene	0.807	0.313	0.313	2.58	1.00	1.00	12/28/16	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/28/16	KCA	1	

Client ID: ELEVATOR PIT

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/28/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/28/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/28/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/28/16	KCA	1
Carbon Tetrachloride	0.063	0.040	0.040	0.40	0.25	0.25	12/28/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/28/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/28/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/28/16	KCA	1
Chloromethane	0.596	0.485	0.485	1.23	1.00	1.00	12/28/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/28/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/28/16	KCA	1
Cyclohexane	0.578	0.291	0.291	1.99	1.00	1.00	12/28/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/28/16	KCA	1
Dichlorodifluoromethane	0.454	0.202	0.202	2.24	1.00	1.00	12/28/16	KCA	1
Ethanol	85.4	E 0.531	0.531	161	1.00	1.00	12/28/16	KCA	1
Ethyl acetate	0.407	0.278	0.278	1.47	1.00	1.00	12/28/16	KCA	1
Ethylbenzene	0.330	0.230	0.230	1.43	1.00	1.00	12/28/16	KCA	1
Heptane	0.837	0.244	0.244	3.43	1.00	1.00	12/28/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/28/16	KCA	1
Hexane	1.32	S 0.284	0.284	4.65	1.00	1.00	12/28/16	KCA	1
Isopropylalcohol	4.33	0.407	0.407	10.6	1.00	1.00	12/28/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/28/16	KCA	1
m,p-Xylene	1.14	0.230	0.230	4.95	1.00	1.00	12/28/16	KCA	1
Methyl Ethyl Ketone	2.42	0.339	0.339	7.13	1.00	1.00	12/28/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/28/16	KCA	1
Methylene Chloride	1.04	S 0.288	0.288	3.61	1.00	1.00	12/28/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/28/16	KCA	1
o-Xylene	0.350	0.230	0.230	1.52	1.00	1.00	12/28/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/28/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/28/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/28/16	KCA	1
Tetrachloroethene	0.247	0.037	0.037	1.67	0.25	0.25	12/28/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/28/16	KCA	1
Toluene	2.59	0.266	0.266	9.8	1.00	1.00	12/28/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/28/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/28/16	KCA	1
Trichloroethene	0.081	0.047	0.047	0.44	0.25	0.25	12/28/16	KCA	1
Trichlorofluoromethane	0.269	0.178	0.178	1.51	1.00	1.00	12/28/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/28/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/28/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	12/28/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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.

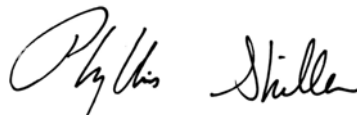
Comments:

E = Estimated value quantitated above calibration range for this compound.

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

January 06, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

January 06, 2017

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 21345

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 12/21/16 17:10
 12/22/16 17:38

Laboratory Data

SDG ID: GBX11093
 Phoenix ID: BX11100

Project ID: 39-40 30TH ST QUEENS NY
 Client ID: SG17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/24/16	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/24/16	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/24/16	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/24/16	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/24/16	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/24/16	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/24/16	KCA	1
1,2,4-Trimethylbenzene	0.485	0.204	0.204	2.38	1.00	1.00	12/24/16	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/24/16	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/24/16	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/24/16	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/24/16	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/24/16	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/24/16	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/24/16	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/24/16	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/24/16	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/24/16	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/24/16	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/24/16	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/24/16	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/24/16	KCA	1
Acetone	11.5	0.421	0.421	27.3	1.00	1.00	12/24/16	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/24/16	KCA	1
Benzene	0.838	0.313	0.313	2.68	1.00	1.00	12/24/16	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/24/16	KCA	1

Client ID: SG17

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/24/16	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/24/16	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/24/16	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/24/16	KCA	1
Carbon Tetrachloride	0.077	0.040	0.040	0.48	0.25	0.25	12/24/16	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/24/16	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/24/16	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/24/16	KCA	1
Chloromethane	0.508	0.485	0.485	1.05	1.00	1.00	12/24/16	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/24/16	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/24/16	KCA	1
Cyclohexane	0.531	0.291	0.291	1.83	1.00	1.00	12/24/16	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/24/16	KCA	1
Dichlorodifluoromethane	0.454	0.202	0.202	2.24	1.00	1.00	12/24/16	KCA	1
Ethanol	32.0	0.531	0.531	60.3	1.00	1.00	12/24/16	KCA	1
Ethyl acetate	0.529	0.278	0.278	1.91	1.00	1.00	12/24/16	KCA	1
Ethylbenzene	0.549	0.230	0.230	2.38	1.00	1.00	12/24/16	KCA	1
Heptane	0.725	0.244	0.244	2.97	1.00	1.00	12/24/16	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/24/16	KCA	1
Hexane	1.70	S 0.284	0.284	5.99	1.00	1.00	12/24/16	KCA	1
Isopropylalcohol	5.14	0.407	0.407	12.6	1.00	1.00	12/24/16	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/24/16	KCA	1
m,p-Xylene	2.01	0.230	0.230	8.72	1.00	1.00	12/24/16	KCA	1
Methyl Ethyl Ketone	1.53	0.339	0.339	4.51	1.00	1.00	12/24/16	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/24/16	KCA	1
Methylene Chloride	0.889	S 0.288	0.288	3.09	1.00	1.00	12/24/16	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/24/16	KCA	1
o-Xylene	0.664	0.230	0.230	2.88	1.00	1.00	12/24/16	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/24/16	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/24/16	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/24/16	KCA	1
Tetrachloroethene	0.475	0.037	0.037	3.22	0.25	0.25	12/24/16	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/24/16	KCA	1
Toluene	3.41	0.266	0.266	12.8	1.00	1.00	12/24/16	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/24/16	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/24/16	KCA	1
Trichloroethene	0.117	0.047	0.047	0.63	0.25	0.25	12/24/16	KCA	1
Trichlorofluoromethane	0.232	0.178	0.178	1.30	1.00	1.00	12/24/16	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/24/16	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/24/16	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	104	%	%	104	%	%	12/24/16	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
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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 BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded 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

January 06, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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QA/QC Report

January 06, 2017

QA/QC Data

SDG I.D.: GBX11093

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 371038 (ppbv), QC Sample No: BX10242 (BX11093, BX11094)												
<u>Volatiles</u>												
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.183	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.183	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	88	1.17	1.05	0.289	0.260	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	88	8.56	8.40	2.16	2.12	1.9	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	110	6.09	6.04	1.24	1.23	0.8	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.166	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.247	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.216	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	106	1.88	2.00	0.383	0.408	NC	70 - 130	25
1,3-Butadiene	ND	0.452	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.166	ND	1.00	111	2.15	2.47	0.357	0.411	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.166	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.278	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.204	ND	1.00	110	ND	1.08	ND	0.219	NC	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	119	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.421	ND	1.00	99	207	204	87.4	85.9	1.7	70 - 130	25
Acrylonitrile	ND	0.461	ND	1.00	80	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.313	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	122	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.149	ND	1.00	97	ND	1.80	ND	0.269	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	127	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.257	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.321	ND	1.00	100	1.43	1.43	0.460	0.461	NC	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	102	0.48	0.41	0.077	0.065	NC	70 - 130	25
Chlorobenzene	ND	0.217	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.379	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.484	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	88	1150	1090	290	276	4.9	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.291	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.117	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.202	ND	1.00	94	3.32	3.37	0.671	0.681	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	65	39.2	38.2	20.8	20.3	2.4	70 - 130	25

QA/QC Data

SDG I.D.: GBX11093

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	106	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	107	ND	1.06	ND	0.245	NC	70 - 130	25
Heptane	ND	0.244	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.284	ND	1.00	89	1.03 S	1.18 S	0.293 S	0.335 S	NC	70 - 130	25
Isopropylalcohol	ND	0.407	ND	1.00	78	3.00	2.90	1.22	1.18	NC	70 - 130	25
Isopropylbenzene	ND	0.204	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	108	3.65	3.80	0.842	0.875	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	87	6.60	6.25	2.24	2.12	5.5	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	96	3.12	3.11	0.866	0.862	NC	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	82	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	118	ND	1.17	ND	0.214	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	105	1.41	1.45	0.325	0.335	NC	70 - 130	25
Propylene	ND	0.581	ND	1.00	95	9.27	9.5	5.39	5.54	2.7	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	115	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.235	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	101	79.3	75.9	11.7	11.2	4.4	70 - 130	25
Tetrahydrofuran	ND	0.339	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.266	ND	1.00	107	2.78	2.77	0.739	0.735	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	89	30.0	29.3	7.57	7.39	2.4	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	100	209	203	38.9	37.8	2.9	70 - 130	25
Trichlorofluoromethane	ND	0.178	ND	1.00	113	3.37	3.17	0.600	0.564	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	114	19.6	19.8	7.66	7.77	1.4	70 - 130	25
% Bromofluorobenzene	102	%	102	%	101	104	107	104	107	NC	70 - 130	25

QA/QC Batch 371305 (ppbv), QC Sample No: BX11098 (BX11095, BX11096, BX11097, BX11098)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.183	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.183	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	77	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	101	2.04	2.02	0.415	0.411	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.166	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.247	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.216	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.452	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.166	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.166	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.278	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.204	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.421	ND	1.00	98	34.4	35.6	14.5	15.0	3.4	70 - 130	25
Acrylonitrile	ND	0.461	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GBX11093

Parameter	Bik ppbv	Bik RL ppbv	Bik ug/m3	Bik 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	96	2.77	2.81	0.868	0.880	NC	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.149	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.257	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.321	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	101	0.45	0.50	0.072	0.080	NC	70 - 130	25
Chlorobenzene	ND	0.217	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.379	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.484	ND	1.00	98	1.07	1.23	0.517	0.598	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	99	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.291	ND	1.00	100	2.12	2.32	0.617	0.673	NC	70 - 130	25
Dibromochloromethane	ND	0.117	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.202	ND	1.00	93	2.07	2.28	0.418	0.462	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	68	333	341	177	181	2.2	70 - 130	25
Ethyl acetate	ND	0.278	ND	1.00	121	2.52	2.18	0.699	0.606	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	98	2.23	2.04	0.515	0.470	NC	70 - 130	25
Heptane	ND	0.244	ND	1.00	99	3.47	3.30	0.847	0.806	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	73	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.284	ND	1.00	96	4.93 S	5.07 S	1.40 S	1.44 S	NC	70 - 130	25
Isopropylalcohol	ND	0.407	ND	1.00	84	18.8	19.3	7.66	7.86	2.6	70 - 130	25
Isopropylbenzene	ND	0.204	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	98	7.68	7.94	1.77	1.83	3.3	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	91	4.45	4.63	1.51	1.57	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	85	1.73 S	1.87 S	0.499 S	0.540 S	NC	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	98	2.49	2.58	0.573	0.594	NC	70 - 130	25
Propylene	ND	0.581	ND	1.00	76	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.235	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	99	3.21	3.23	0.473	0.477	0.8	70 - 130	25
Tetrahydrofuran	ND	0.339	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.266	ND	1.00	101	13.1	13.6	3.48	3.62	3.9	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	100	0.58	0.62	0.108	0.115	NC	70 - 130	25
Trichlorofluoromethane	ND	0.178	ND	1.00	104	1.58	1.77	0.281	0.315	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	104	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	97	%	97	%	99	101	101	101	101	NC	70 - 130	25

QA/QC Batch 371306 (ppbv), QC Sample No: BX11099 (BX11099)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.183	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.183	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	70	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GBX11093

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
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	99	1.06	1.07	0.216	0.217	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.166	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.247	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.216	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.452	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.166	ND	1.00	94	1.45	1.39	0.242	0.231	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.166	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.278	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.204	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	115	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.421	ND	1.00	114	27.3	27.3	11.5	11.5	0.0	70 - 130	25
Acrylonitrile	ND	0.461	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.313	ND	1.00	102	2.58	2.58	0.807	0.807	NC	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.149	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	87	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.257	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.321	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	103	0.40	0.45	0.063	0.071	NC	70 - 130	25
Chlorobenzene	ND	0.217	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.379	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.484	ND	1.00	104	1.23	1.33	0.596	0.645	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	102	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.291	ND	1.00	112	1.99	1.89	0.578	0.548	NC	70 - 130	25
Dibromochloromethane	ND	0.117	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.202	ND	1.00	93	2.24	2.36	0.454	0.477	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	75	161	160	85.4	84.9	0.6	70 - 130	25
Ethyl acetate	ND	0.278	ND	1.00	123	1.47	1.40	0.407	0.390	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	93	1.43	1.39	0.330	0.320	NC	70 - 130	25
Heptane	ND	0.244	ND	1.00	113	3.43	3.26	0.837	0.797	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	63	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.284	ND	1.00	102	4.65 S	4.93 S	1.32 S	1.40 S	NC	70 - 130	25
Isopropylalcohol	ND	0.407	ND	1.00	98	10.6	10.5	4.33	4.28	1.2	70 - 130	25
Isopropylbenzene	ND	0.204	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	94	4.95	4.90	1.14	1.13	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	95	7.13	7.10	2.42	2.41	0.4	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	82	3.61 S	3.89 S	1.04 S	1.12 S	NC	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	95	1.52	1.33	0.350	0.306	NC	70 - 130	25
Propylene	ND	0.581	ND	1.00	76	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.235	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	98	1.67	1.71	0.247	0.253	2.4	70 - 130	25
Tetrahydrofuran	ND	0.339	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.266	ND	1.00	104	9.8	9.6	2.59	2.56	1.2	70 - 130	25

QA/QC Data

SDG I.D.: GBX11093

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
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	99	0.44	0.44	0.081	0.081	NC	70 - 130	25
Trichlorofluoromethane	ND	0.178	ND	1.00	113	1.51	1.67	0.269	0.297	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	117	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	95	%	95	%	95	101	100	101	100	NC	70 - 130	25

QA/QC Batch 371193 (ppbv), QC Sample No: BX11100 (BX11100)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.183	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.183	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	82	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	100	2.38	2.24	0.485	0.456	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.166	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.247	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.216	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.452	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.166	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.166	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.278	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.204	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.421	ND	1.00	91	27.3	27.3	11.5	11.5	0.0	70 - 130	25
Acrylonitrile	ND	0.461	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.313	ND	1.00	97	2.68	2.56	0.838	0.803	NC	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.149	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.257	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.321	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	102	0.48	0.49	0.077	0.078	NC	70 - 130	25
Chlorobenzene	ND	0.217	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.379	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.484	ND	1.00	94	1.05	0.99	0.508	0.481	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	98	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.291	ND	1.00	96	1.83	1.95	0.531	0.567	NC	70 - 130	25
Dibromochloromethane	ND	0.117	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.202	ND	1.00	99	2.24	2.25	0.454	0.455	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	64	60.3	60.1	32.0	31.9	0.3	70 - 130	25
Ethyl acetate	ND	0.278	ND	1.00	118	1.91	1.96	0.529	0.544	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	98	2.38	2.40	0.549	0.553	NC	70 - 130	25

QA/QC Data


SDG I.D.: GBX11093

Parameter	Bik ppbv	Bik RL ppbv	Bik ug/m3	Bik RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Heptane	ND	0.244	ND	1.00	93	2.97	2.90	0.725	0.708	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	76	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.284	ND	1.00	96	5.99 S	5.99 S	1.70 S	1.70 S	0.0	70 - 130	25
Isopropylalcohol	ND	0.407	ND	1.00	81	12.6	12.5	5.14	5.07	1.4	70 - 130	25
Isopropylbenzene	ND	0.204	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	100	8.72	8.55	2.01	1.97	2.0	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	91	4.51	4.39	1.53	1.49	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	89	3.09 S	3.11 S	0.889 S	0.897 S	NC	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	97	2.88	2.90	0.664	0.669	NC	70 - 130	25
Propylene	ND	0.581	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.235	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	98	3.22	3.15	0.475	0.465	2.1	70 - 130	25
Tetrahydrofuran	ND	0.339	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.266	ND	1.00	98	12.8	12.8	3.41	3.41	0.0	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	97	0.63	0.64	0.117	0.119	NC	70 - 130	25
Trichlorofluoromethane	ND	0.178	ND	1.00	98	1.30	1.38	0.232	0.245	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	97	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	105	%	105	%	98	104	102	104	102	NC	70 - 130	25

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
 January 06, 2017

Friday, January 06, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBX11093 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

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

Report to: Chawnie Peilly
 Customer: EBC
 Address: _____

Invoice to: EBC
 Project Name: 39-40 30th Street Queens NY
 Requested Deliverable: RCP ASP CAT B
 MCP NJ Deliverables
 State where samples collected: NY

Sampled by: Thomas Gallo

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	THIS SECTION FOR LAB USE ONLY				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)	ANALYSES	
				Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)										TO-14	TO-15
11093	SG16	12251	6.0	-30	-4	3610	10.8	9:43	17:41	12-21-16	-28	-4	+				X	
11094	SG23	492			-5	3190		9:18	17:18	12-21-16	-30	-7	+				X	
11095	SG22	369			-3	4493		9:19	17:16	12-21-16	-30	-4	X				X	
11096	SG24	355			-6	5651		9:17	17:21	12-21-16	-28	-6	X				X	
11097	Indoor Air Second Floor 03	19635			-4	5350		9:29	17:34	12-21-16	-30	-6	+				+	
11098	Indoor Air Second Floor 04	479			-1	3615		9:33	17:32	12-21-16	-30	-4	+				X	
11099	Elevator Pit	491			-5	5030		9:43	17:38	12-21-16	-30	-6	+				X	
11100	9x6L Plus	21338				4428												
	SG 17	21365			-3	5324		9:17	17:10	12-21-16	-30	-4	X				X	

Relinquished by: Thomas Gallo
 Accepted by: Kupat Buncie
 Date: 12-22-16
 Time: 12:10

Requested Criteria: _____
 Requested Deliverable: ASP B Deliverables, NY & ESD
 Data Format: Excel GISKey
 PDF Other:

Signature: _____ Date: _____
 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.