

FORMER DRIGGS PLYWOOD CORP.
11 JACKSON STREET, BROOKLYN, NEW YORK

PERIODIC REVIEW REPORT

NYSDEC BCP Number: C224178

Submitted to:

**New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 2
47-40 21st Street
Long Island City, NY 11101-5407**

Prepared by:



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**REPORTING PERIOD:
APRIL 2017 to APRIL 2019**

TABLE OF CONTENTS
PERIODIC REVIEW REPORT
Former Driggs Plywood Corp.

I	EXECUTIVE SUMMARY	1
II	SITE OVERVIEW	2
	A. Site Location	2
	B. Site Chronology.....	2
III	REMEDY PERFORMANCE, EFFECTIVENESS & PROTECTIVENESS.....	4
IV	IC/EC PLAN COMPLIANCE REPORT	5
	A. IC Requirements and Compliance	5
	1. IC Controls.....	5
	2. Status of Each IC	6
	3. Corrective Measures	6
	4. IC Conclusions and Recommendations	6
	B. EC Requirements and Compliance	6
	1. EC Controls	6
	2. Status of Each EC	7
	3. Corrective Measures	7
	4. EC Conclusions and Recommendations	7
V.	MONITORING PLAN COMPLIANCE REPORT.....	8
	A. Components of the Monitoring Plan.....	9
	B. Summary of Monitoring Completed During Reporting Period	9
	C. Comparisons with Remedial Objectives	9
	D. Monitoring Deficiencies	9
	E. Conclusions and Recommendations	9
VI.	OPERATIONS & MAINTENANCE PLAN COMPLIANCE REPORT	9
	A. Components of the O&M Plan.....	9
	1. Sub-Slab Depressurization System	9
	2. Reporting	9
	3. Contingency Plan.....	10
	B. Summary of O&M Completed During Reporting Period	10
	1. Sub-Slab Depressurization System	10
	C. Evaluation of Remedial Systems.....	10
	1. Sub-Slab Depressurization System	10
	D. O&M Deficiencies	10
	E. Conclusions and Recommendations for Improvements.....	10
VII.	OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS.....	11
	A. Compliance with SMP	11
	B. Performance and Effectiveness of Remedy	11
	C. Future PRR Submittals.....	11

PERIODIC REVIEW REPORT
Former Driggs Plywood Corp.

FIGURES

Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	SSDS Layout
Figure 4	February 2019 Soil Vapor Sampling

APPENDICES

Appendix A	PRR Forms
Appendix B	Laboratory Reports
Appendix C	Site Inspection Checklist

IC/EC CERTIFICATION

For each institutional or engineering control identified for the Site, I certify that all of the following statements are true:

- The inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction
- The institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control; except that the alarm device was not working during some of the reporting period.
- Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- If a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for the intended purpose under the document;
- Use of the site is compliant with the environmental easement;
- The engineering control systems are performing as designed and are effective; except as indicated above.
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program and generally accepted engineering practices; and
- The information presented in this report is accurate and complete.
- No new information has come to my attention, including groundwater monitoring data from wells located at the site boundary, if any, to indicate that the assumptions made in the qualitative exposure assessment of off-site contamination are no longer valid; and
- The assumptions made in the qualitative exposure assessment remain valid.

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 Remedial Party representative for the Site.

Ariel Czemerinski
NYS Professional Engineer #

10/16/2019
Date



I. EXECUTIVE SUMMARY

AMC Engineering PLLC (AMC) has prepared the following Periodic Review Report for April 2017 to April 2019, for the property located at 11 Jackson Street, in Brooklyn, New York (**Figure 1**) under the New York State (NYS) Brownfield Cleanup Program (BCP) administered by the New York State Department of Environmental Conservation (NYSDEC).

The Site was remediated in accordance with the Brownfield Cleanup Agreement (BCA) Site No. C224178, dated October 24, 2013, and received a Certificate of Completion on December 14, 2015. A chlorinated solvent hotspot area and overburden soil at the Site was removed to a depth of 5 feet below grade achieving Restricted Residential Use Soil Clean-up Objectives.

The sub-slab vapor depressurization (SSD) system was installed as per the RAWP and started on September 30, 2015. Upon consultation with the DEC, the SSD system was shut down temporarily in February 2019 so that soil vapor intrusion (SVI) sampling could be performed to determine if the SSD system could be permanently terminated. This sampling was performed during the 2018-2019 heating season.

Soil vapor sampling was conducted across the Site on February 27, 2019 to assess on-Site soil vapor conditions. The results of the testing indicate that there is no significant soil vapor intrusion from the Site.

During an onsite inspection in 2019, it was revealed that the alarm device was not connected to the power. This situation was rectified. During this period, we were waiting for confirmation from the Department that the system can be permanently shut down, and the EC extinguished.

II. SITE OVERVIEW

A Site Location and Description

The Site is located at 11 Jackson Street in Brooklyn, Kings County, New York (**Figure 1**). The Site is located on the north side of Jackson Street between Union Avenue and Meeker Avenue and is designated as Block 2741 Lot 47 on the Brooklyn Tax Map. The Site consists of a single tax parcel with 72 feet of street frontage on Jackson Street and is 130 feet deep for a total of 9,360 square feet (**Figure 2**).

B. Site Chronology

The Site was remediated in accordance with the remedy selected by the Remedial Action Work Plan dated June 2013 (revised November 2013), and the Decision Document dated November 25, 2013. The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. The remedy achieved a Contingent Track 2 Cleanup and included the following elements:

1. Removal of a CVOC hot-spot to a depth of approximately 4 feet below grade;
2. Collection and analysis of soil samples from the base of the CVOC hot-spot excavation to ensure complete removal of CVOC impacted soil;
3. Excavation of soil/fill exceeding Track 2 –Residential Use SCOs;
4. Screening for indications of contamination (by visual means, odor, and monitoring with PID) of all excavated soil during any intrusive Site work;
5. Collection and analysis of end-point samples to evaluate the performance of the remedy with respect to attainment of Track 2 SCOs;
6. Appropriate off-Site disposal of all material removed from the Site in accordance with all Federal, State and local rules and regulations for handling, transport, and disposal;
7. Import of materials for use as backfill and cover in compliance with: (1) chemical limits and other specifications, (2) all Federal, State and local rules and regulations for handling and transport of material;
8. Installation of a sub-slab depressurization system and vapor barrier beneath occupied areas of the building to be constructed on the Site. An SSDS was not required beneath the parking portions of the building as these areas are equipped with mechanical ventilation to remove vehicle fumes in accordance with NYC Mechanical Code;
9. Collection and analysis of post-remedial soil samples to evaluate the performance of the remedy with respect to attainment of Track 2 SCOs;
10. Development and implementation of a Site Management Plan 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) operation and maintenance and (4) reporting; and
11. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the Site.

Parking garages were constructed under a portion the building. The parking area is ventilated to remove vehicle fumes in accordance with the NYC Mechanical Code. A sub-slab depressurization system (SSDS) and a vapor barrier were installed beneath the occupied portion of the building slab. The vapor barrier and SSDS were not installed beneath the parking garage area.

The sub-slab vapor depressurization (SSD) system was started on September 30, 2015. On October 19, 2015, the project's environmental consultant, Environmental Business Consultants (EBC) proposed a soil vapor intrusion (SVI) sampling plan to determine if post-remedial conditions had eliminated the need for continued operation of the SSD System. No sampling was done at this time, and a Corrective Measures Work Plan (CMWP) was submitted to the NYSDOH and NYSDEC on January 7, 2019 with a new SVI sampling plan.

EBC performed the SVI in February 2019 during the 2018-2019 heating season to determine if the SSDS could be permanently terminated. Soil vapor sampling was conducted across the Site on February 27, 2019 to assess on-Site soil vapor conditions. SS1, SS2 and SS3 were performed throughout the Site building below the Site's building cap, while IA1, IA2 and OA1 were performed throughout the Site within the ambient breathing zone. The results of the testing indicate that there is no significant soil vapor intrusion from the Site.

This SVI report was submitted to the DEC in June 2019. A response from the DEC and DOH regarding this report, along with the decision to permanently terminate operation of the SSDS, has yet to be received at the time of submittal of this report.

III. REMEDY PERFORMANCE, EFFECTIVENESS & PROTECTIVENESS

A CVOC hot-spot was identified during the Remedial Investigation in the rear area of the property. Excavation and off-Site disposal of the CVOC hot-spot was performed during site wide excavation and included the removal of the top 3 to 4 feet of soil in this area. Endpoint soil samples were collected to verify the CVOC impacted soil was successfully removed. Soil characterized as historic fill material during excavation was found throughout the Site to depths as great as 5 feet in the rear of the Site and to 7 feet in the front of the Site. The entire Site was excavated to a depth of approximately 5 feet. The results of confirmatory "end point" soil samples collected after the removal of historic fill confirmed that all soil remaining on the Site meets Residential Use (Track 2) SCOs.

The sub-slab vapor depressurization (SSD) system was installed as per the RAWP and started on September 30, 2015. SVI sampling was performed in January 2016. In September 2016 the DEC determined that the SSDS may remain temporarily off pending a decision to permanently terminate its operation following confirmatory sampling during the 2017-2018 heating season. However, due to scheduling conflicts, no confirmatory sampling was performed at this time and the SSDS was turned on. EBC submitted the CMWP to the DEC to address the sampling deficiency, with confirmatory SVI sampling scheduled for the 2018-2019 heating season.

Soil vapor sampling was conducted across the Site on February 27, 2019 to assess on-Site soil vapor conditions. SS1, SS2 and SS3 were performed throughout the Site building below the Site's building cap, while IA1, IA2 and OA1 were performed throughout the Site within the ambient breathing zone. The results of the testing indicate that there is no significant soil vapor intrusion from the Site.

IV. IC/EC PLAN COMPLIANCE REPORT

A. IC Requirements and Compliance

1. IC Controls

A series of Institutional Controls (ICs), required under the Site Management Plan, were placed on the property in the form of an Environmental Easement which was recorded with the NYC Department of Finance, Office of the City Register (NYSDOF-OCR) on September 14, 2015. The recorded ICs are as follows:

- implement, maintain and monitor Engineering Control systems;
- prevent future exposure to residual contamination by controlling disturbances of the subsurface contamination; and,
- limit the use and development of the site to restricted residential, commercial or industrial uses only.

Adherence to these Institutional Controls on the Site (Controlled Property) is required under the Environmental Easement and will be implemented under the Site Management Plan. These Institutional Controls are:

- All Engineering Controls must be operated and maintained as specified in this SMP;
- All Engineering Controls on the Controlled Property (the Site) must be inspected and certified at a frequency and in a manner defined in this SMP;
- Groundwater and other environmental or public health monitoring must be performed as defined in this SMP;
- Data and information pertinent to Site Management for the Controlled Property must be reported at the frequency and in a manner defined in this SMP;
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;
- 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.

Site restrictions include:

- The Controlled Property may be used for restricted residential, commercial and industrial use;
- 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.

2. *Status of each IC*

An inquiry was made with the NYCDOF-OCR to confirm that the Environmental Easement, as described above, remains in place and has not been changed, revised or modified. The easement which was recorded on 9/14/15 remains in place.

3. *Corrective Measures*

No deficiencies in the ICs were noted for this time period, therefore no corrective measures were required, except that a Corrective Measures Work plan was submitted to the Department to address the subslab and indoor air with the objective to measure that the EC in the form of SSDS was no longer required.

4. *IC Conclusions and Recommendations*

It is recommended that the Institutional Controls remain in place with the recorded easement, except that if the SSDS is shut down, then the EC extinguishment must be reflected in a revised SMP.

B. EC Requirements and Compliance

1. *EC Controls*

Concrete Cap

Soil with elevated levels of metals are present below the concrete slab covering the rear courtyard. Exposure to remaining contamination at the Site is prevented by a cover system placed over the Site. This cover system is comprised of a 6-inch thick concrete slab covering the rear parking lot. No cracks or perforations were noted in the concrete cap during the reporting period.

Sub-slab Depressurization System (SSDS)

An active SSDS and vapor barrier were designed and installed beneath the occupied portions of the new building which do not require mechanical ventilation by code (parking garage).

The SSD system beneath the occupied portion of the building slab consists of a single venting zone (**Figure 3**). This zone provides coverage of approximately 2,500 sf of slab area. This is consistent with USEPA SSD design specifications, which recommend a separate vent loop for every 4,000 sf of slab area.

The horizontal vent line is constructed with a continuous loop of perforated 4-inch high density polyethylene (HDPE) pipe. The SSDS loop was installed on a layer of ¾ inch RCA and below the vapor barrier. The SSDS loop is connected to a solid 6 inch schedule 40 PVC riser pipe that extends to the roof. A blower (Radonaway model No. RP350) is fitted to the top of the 6-inch PVC discharge pipe at the roof. The system is hardwired to an electric source. The exhaust from the blower is located a minimum of 10 feet from windows and ventilation inlets. The SSD

system utilizes a manometer (Dwyer, 0-5 inches of water manometer) and an alarm (Radonaway alarm) installed on the first floor of the building to ensure proper operation of the blower.

A 20-mil vapor barrier was installed over the SSD system prior to pouring the building's concrete slab. The vapor barrier consists of Raven Industries' VaporBlock Plus 20, which is a seven-layer co-extruded 20 mil vapor barrier made from polyethylene and EVOH resins. The vapor barrier extends throughout the portion of the slab to be used as the mechanical / utility rooms and residential use in the new building constructed at the Site. Vapor barrier seams, penetrations, and repairs were sealed either by the tape method, according to the manufacturer's recommendations and instructions

2. *Status of each EC*

Sub-Slab Depressurization System

The sub-slab vapor depressurization (SSD) system was started on September 30, 2015. On January 7, 2019, the project's environmental consultant, EBC, proposed a soil vapor intrusion (SVI) sampling plan to determine if post-remedial conditions had eliminated the need for continued operation of the SSD System.

EBC performed the SVI in February 2019 and submitted the report to the DEC in June 2019. The DEC and DOH have yet to respond at the time of submittal of this PRR.

Soil vapor sampling was conducted in the rear of the Site on February 27, 2019 to assess on-Site soil vapor conditions. SS1, SS2 and SS3 were performed throughout the Site building below the Site's building cap, while IA1, IA2 and OA1 were performed throughout the Site within the ambient breathing zone. Total BTEX concentrations in sub-slab samples ranged from 14.33 $\mu\text{g}/\text{m}^3$ in SS2 to 66.93 $\mu\text{g}/\text{m}^3$ in SS1. The highest detected BTEX compound was m&p-xylenes, which ranged from 4.6 $\mu\text{g}/\text{m}^3$ in SS2 to 26.1 $\mu\text{g}/\text{m}^3$ in SS1. Ethylbenzene was detected within each sub-slab sample ranging from 1.29 $\mu\text{g}/\text{m}^3$ in SS2 to 5.16 $\mu\text{g}/\text{m}^3$ in SS1. O-Xylene was detected within each sub-slab sample ranging from 2 $\mu\text{g}/\text{m}^3$ in SS2 to 12.8 $\mu\text{g}/\text{m}^3$ in SS1. Toluene was detected within each sub-slab sample ranging from 6.44 $\mu\text{g}/\text{m}^3$ in SS1 to 19.1 $\mu\text{g}/\text{m}^3$ in SS1. Benzene was detected within SS1 at a concentration of 3.77 $\mu\text{g}/\text{m}^3$. Chlorinated VOCs (CVOCs) were detected in all three of the sub-slab soil vapor samples at concentrations ranging from 7.87 $\mu\text{g}/\text{m}^3$ in SS3 to 11.32 $\mu\text{g}/\text{m}^3$ in SS1. Tetrachloroethene (PCE) was detected within each sub-slab sample at a maximum concentration of 0.92 $\mu\text{g}/\text{m}^3$ in both SS1 and SS3. Trichloroethene (TCE) was detected within each sub-slab sample at a maximum concentration of 1.98 $\mu\text{g}/\text{m}^3$ in SS3. 1,1-dichloroethene was detected within SS2 at a concentration of 0.28 $\mu\text{g}/\text{m}^3$. Carbon Tetrachloride was detected in both sub-slab soil gas samples at a 0.48 $\mu\text{g}/\text{m}^3$. 1,1,1-trichloroethane, cis-1,2-dichloroethene, methylene chloride and vinyl chloride were not detected in any of the sub-slab samples.

Total BTEX concentrations ranged from 0.00 $\mu\text{g}/\text{m}^3$ in IA1 to 19.93 $\mu\text{g}/\text{m}^3$ in OA1 within the ambient air samples. The highest detected BTEX compound was toluene, which was detected within three of the four ambient air samples and ranged from 1.34 $\mu\text{g}/\text{m}^3$ in IA3 to 9.23 $\mu\text{g}/\text{m}^3$ in OA1. Benzene was detected within IA3 and OA1 at concentrations ranging from 1.1 $\mu\text{g}/\text{m}^3$ to 3.99 $\mu\text{g}/\text{m}^3$. Ethylbenzene and combined xylenes were both detected in OA1 at concentrations of

1.25 $\mu\text{g}/\text{m}^3$ and 5.46 $\mu\text{g}/\text{m}^3$, respectively. CVOCs were detected in all four of the ambient air samples at concentrations ranging from 5.51 $\mu\text{g}/\text{m}^3$ in IA2 to 6.26 $\mu\text{g}/\text{m}^3$ in IA1. Carbon tetrachloride was detected within each of the ambient air samples at concentrations ranging from 0.45 $\mu\text{g}/\text{m}^3$ in IA3 to 0.5 $\mu\text{g}/\text{m}^3$ in both IA1 and IA2. PCE was detected in two of the four ambient air samples at concentrations ranging from 0.25 $\mu\text{g}/\text{m}^3$ in IA3 to 0.26 $\mu\text{g}/\text{m}^3$ in IA2. 1,1,1-trichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethene, methylene chloride, TCE and vinyl chloride were not detected in any of the sub-slab samples.

The results of the testing indicate that there is no significant soil vapor intrusion from the Site.

The approximate collection location of the soil vapor samples, and all detections are shown on **Figure 4**. A copy of the laboratory analytical report is included in **Appendix B**. Analytical results of the soil vapor samples are compared to the Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values, 2003) and NYSDOH air guidance levels and immediate action levels in **Tables 1 and 2**.

The SSD blower was shut down for the subslab and indoor air test and turned on subsequently. The blower remains on. The alarm was temporarily disconnected, but it is currently operating.

3. *Corrective Measures*

A Corrective Measures Workplan was submitted to the Department on January 7, 2019, with the goal of allowing additional time for the submittal of the Periodic Review Report to conduct the Soil Vapor Intrusion sampling during the 2081-2019 heating season. The VI sampling event was conducted in February, and a report was submitted to the Department in June 2019.

4. *EC Conclusions and Recommendations*

Based on the results of the indoor air vapor intrusion testing conducted in February 2019, it is recommended that the SSDS be permanently extinguished.

V. MONITORING PLAN COMPLIANCE REPORT

A. Components of the Monitoring Plan

The Monitoring Plan within the Site Management Plan describes the measures for evaluating the performance and effectiveness of the remedy to reduce or mitigate contamination at the site, the soil cover system, and all affected site media identified below. Monitoring of other Engineering Controls is described in Chapter 4, Operation, Monitoring and Maintenance Plan.

The monitoring plan as specified in the SMP was limited to inspections of the SSD system.

B. Summary of Monitoring Completed During Reporting Period

Monitoring inspections of the SSD were not performed as the system was turned off in February 2019 pending an SVI study.

C. Comparisons with Remedial Objectives

Remedial action objectives as specified in the RAWP have been met.

D. Monitoring Deficiencies

There were no monitoring deficiencies during the reporting period. The SSD system remains on, however there is no Alarm or Magnehelic meter that can measure vacuum.

E. Conclusions and Recommendations

The SSD system remains active at this time.

Soil vapor sampling was conducted across the Site on February 27, 2019 to assess on-Site soil vapor conditions. SS1, SS2 and SS3 were performed throughout the Site building below the Site's building cap, while IA1, IA2 and OA1 were performed throughout the Site within the ambient breathing zone. The results of the testing indicate that there is no significant soil vapor intrusion from the Site.

We recommend that the SSDS as an EC measure be extinguished and the blower turned off.

VI. OPERATIONS & MAINTENANCE PLAN COMPLIANCE REPORT

A. Components of the O&M Plan

The Operation and Maintenance Plan describes the measures necessary to operate and maintain the sub-slab vapor depressurization system for the Site.

1. Sub-Slab Depressurization System

The sub-slab vapor depressurization system is currently on pending DEC / DOH approval to permanently terminate operation of the system.

2. Reporting

A checklist is to be completed during each routine maintenance event which is scheduled to be on a semi-annual basis while the SSD system is operating. Checklists/forms will include, but not be limited to the following information:

3. Contingency Plan

Emergencies may include fire or explosion, environmental release, or serious weather conditions. There is one alarm on the subslab depressurization system to visually and audibly alert that the fan has stopped. The fan should only cease should there be a power outage or blockage. In the event the system failure alarm goes off, the owner or owner's representative will be contacted for repairs.

B. Summary of O&M Completed During Reporting Period

1. Sub-Slab Depressurization System

A copy of the inspection reports are included in Appendix C.

The inspection conducted revealed that there is no alarm or Magnehelic meter on the riser, however the fan was operating.

C. Evaluation of Remedial Systems

1. Sub-Slab Depressurization System

The sub-slab vapor depressurization system is currently on pending DEC / DOH approval to terminate the system..

D. O&M Deficiencies

There were no deficiencies in complying with the O&M plan during this PRR reporting period, with the exception that the SSDS alarm was disconnected for a period of time. The alarm is currently operating. We are awaiting confirmation from the Department that it is acceptable to extinguish the EC in the form of as SSDS.

E. Conclusions and Recommendations for Improvements

No improvements in the O&M plan are necessary at this time.

VII. OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS

A. Compliance with SMP

All requirements of the SMP were implemented during this PRR reporting period except as previously noted. In order to implement all of the CMWP requirements, the following items were completed:

- On January 7, 2019, the project's environmental consultant, EBC, proposed an SVI sampling plan to determine if post-remedial conditions had eliminated the need for continued operation of the SSD System. The SSD System was temporarily shut-down, and EBC performed the SVI in February 2019 and submitted the report to the DEC and DOH in June 2019. A response from the DEC and DOH is pending, and the SSD system remains active at this time.
- The ICs/ECs were inspected and certified by the remedial engineer.

B. Performance and Effectiveness of Remedy

Overall the remedy has been fully effective in meeting the remedial goals established for the Site and Site remediation can be considered complete.

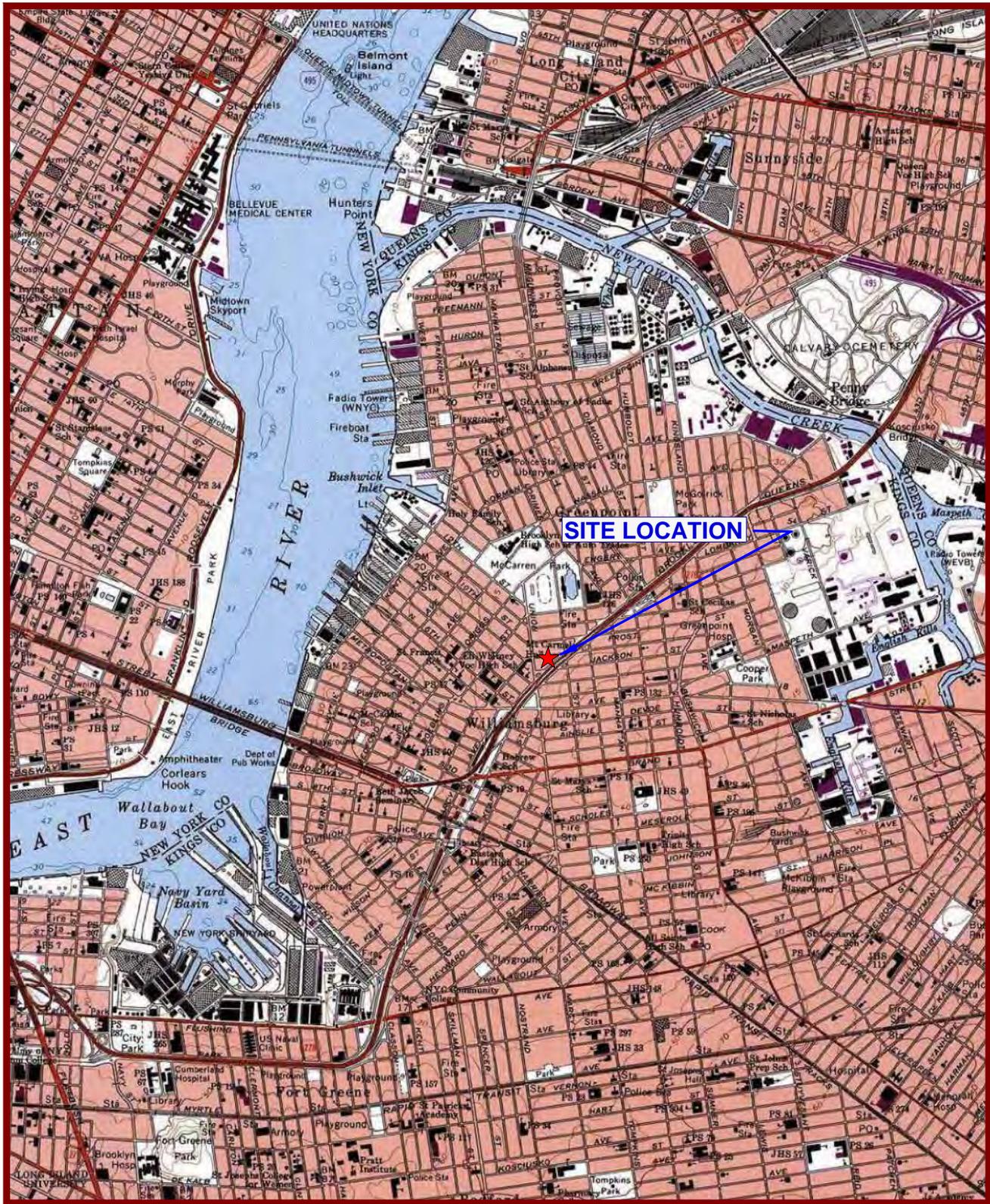
C. Future PRR Submittals

The next PRR submittal will reflect the PRR reporting period of April 2019 to April 2020.

D. Recommendations

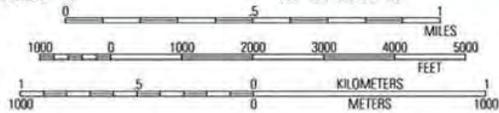
Based on the results of the SVI testing conducted during 2018-2019 heating season, AMC recommends the permanent extinguishment of the SSD System. Additional protection to the Site occupants is not required.

FIGURES



40°45.000' N
40°44.000' N
40°43.000' N
40°42.000' N

73°59.000' W 73°58.000' W 73°57.000' W WGS84 73°56.000' W



13°
06/04/11

USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
 Phone 631.504.6000
 Fax 631.924.2870

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 11 JACKSON STREET, BROOKLYN, NY

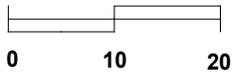
FIGURE 1 **SITE LOCATION MAP**



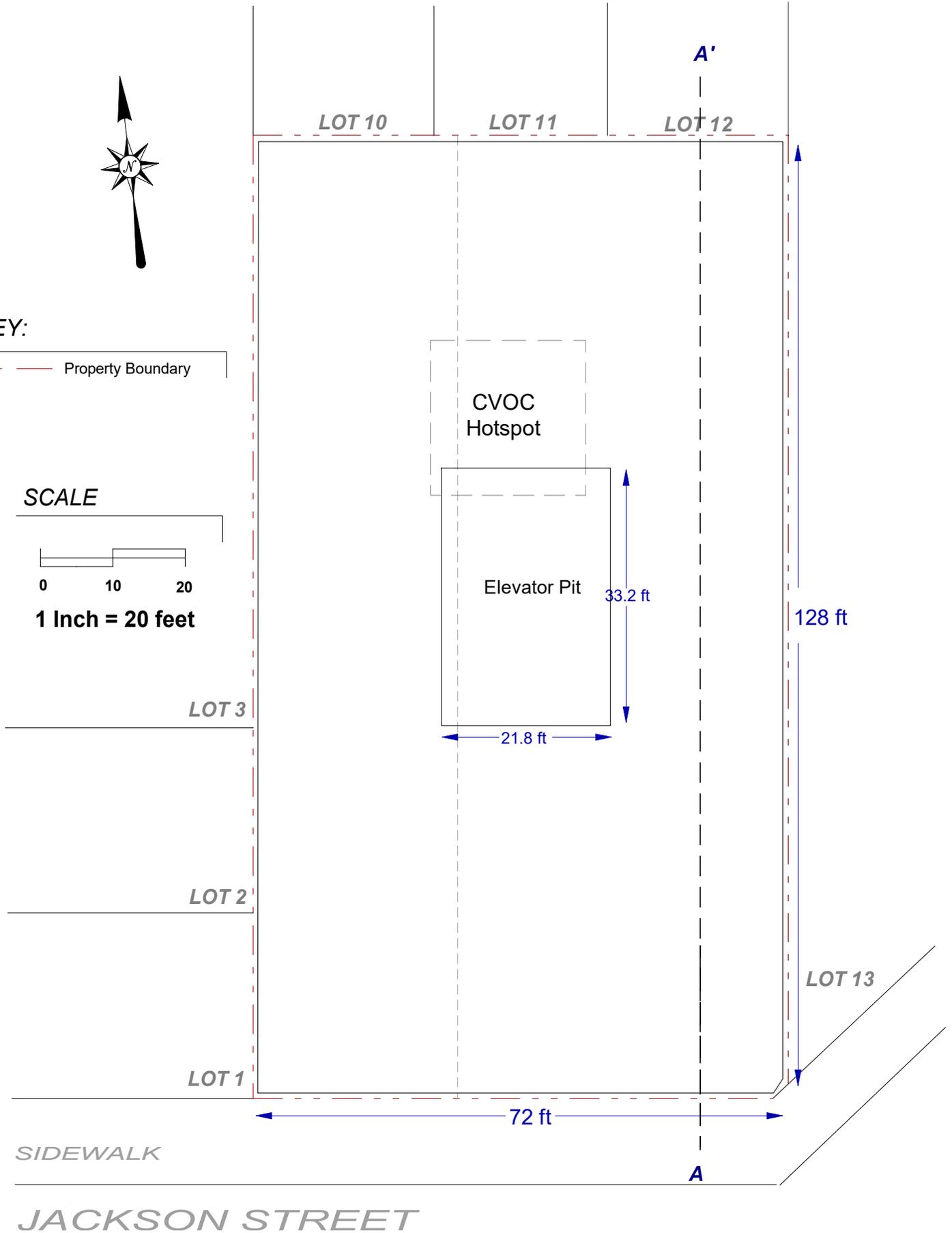
KEY:

- - - Property Boundary

SCALE



1 Inch = 20 feet



Phone 631.504.6000
Fax 631.924.2870

Environmental Business Consultants

Figure No.
2

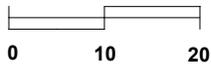
Site Name: Former Driggs Plywood Corp. Site - C224178

Site Address: 11-15 Jackson Street, Brooklyn, NY

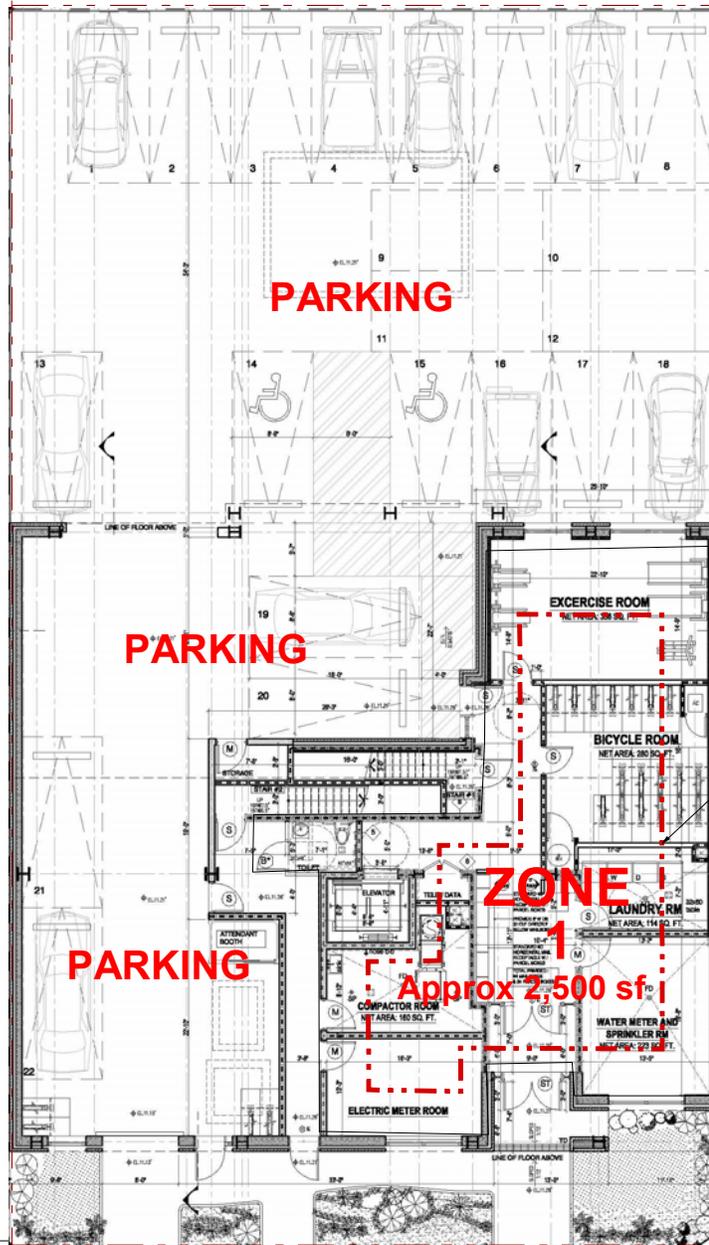
Drawing Title: Site Plan



SCALE



1 Inch = 20 feet



SSD System

SIDEWALK

JACKSON STREET



Phone 631.504.6000
Fax 631.924.2870

Figure No. 3

Site Name: Former Driggs Plywood Corp. Site - C224178

Site Address: 11-15 Jackson Street, Brooklyn, NY

Drawing Title: SSDS Layout

IA1 - 2/27/2019

Acetone	8.02
Carbon Tetrachloride	0.5
Chloromethane	1.63
Dichlorodifluoromethane	2.82
Ethanol	24.5
Isopropylalcohol	5.04
Trichlorofluoromethane	1.31

SS1 - 2/27/2019

1,2,4-Trimethylbenzene	8.4
1,3,5-Trimethylbenzene	5.01
4-Ethyltoluene	1.14
4-Methyl-2-pentanone	6.67
Acetone	463
Benzene	3.77
Carbon Disulfide	3.3
Carbon Tetrachloride	0.39
Chloroform	1.44
Cyclohexane	47.1
Dichlorodifluoromethane	2.45
Ethanol	143
Ethyl Acetate	5.19
Ethylbenzene	5.16
Heptane	27.5
Hexane	70.8
Isopropylalcohol	12.1
Isopropylbenzene	1.43
Xylene (m&p)	26.1
Methyl Ethyl Ketone	28.6
Xylene (o)	12.8
Styrene	1.43
Tetrachloroethene	0.92
Tetrahydrofuran	22.4
Toluene	19.1
Trichloroethene	1.75
Trichlorofluoromethane	4.37

SS2 - 2/27/2019

1,1-Dichloroethene	0.28
2-Hexanone	1.11
4-Ethyltoluene	1.54
4-Methyl-2-pentanone	1.97
Acetone	74.8
Carbon Tetrachloride	0.49
Chloroform	3.57
Dichlorodifluoromethane	2.31
Ethanol	62.1
Ethyl Acetate	3.01
Ethylbenzene	1.29
Heptane	1.7
Isopropylalcohol	13
Xylene (m&p)	4.6
Methyl Ethyl Ketone	13.9
Xylene (o)	2
Propylene	1.05
Tetrachloroethene	0.48
Tetrahydrofuran	11.2
Toluene	6.44
Trichloroethene	0.95
Trichlorofluoromethane	2.18

SS3 - 2/27/2019

1,2,4-Trimethylbenzene	2.63
4-Methyl-2-pentanone	2.23
Acetone	49.6
Carbon Tetrachloride	0.53
Dichlorodifluoromethane	2.45
Ethanol	70.8
Ethyl Acetate	4.11
Ethylbenzene	1.48
Heptane	1.53
Isopropylalcohol	3.61
Xylene (m&p)	5.55
Methyl Ethyl Ketone	14
Xylene (o)	2.44
Tetrachloroethene	0.92
Tetrahydrofuran	13.4
Toluene	6.52
Trichloroethene	1.98
Trichlorofluoromethane	1.99

IA3 - 2/27/2019

Acetone	22
Benzene	1.1
Carbon Tetrachloride	0.45
Chloromethane	1.37
Dichlorodifluoromethane	2.82
Ethanol	36.7
Hexane	1.15
Isopropylalcohol	558
Tetrachloroethene	0.25
Toluene	1.34
Trichlorofluoromethane	1.31

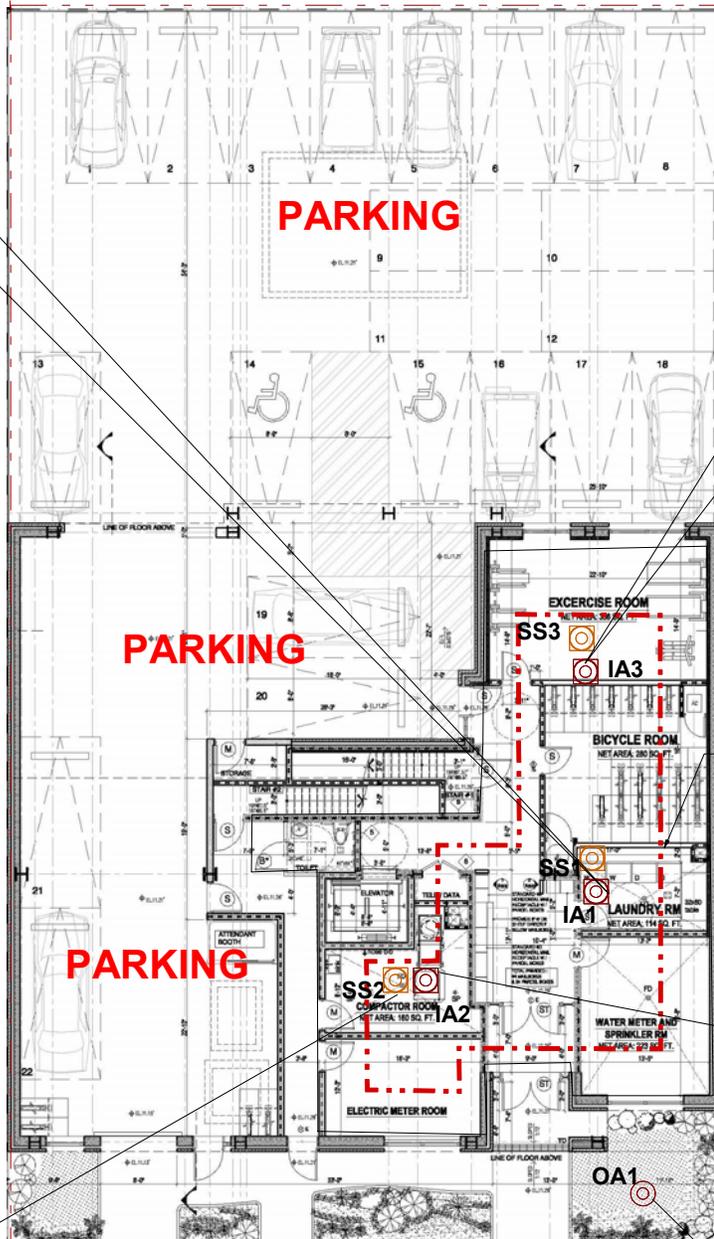
SSD System

IA2 - 2/27/2019

Acetone	4.27
Carbon Tetrachloride	0.5
Chloromethane	1.14
Dichlorodifluoromethane	2.13
Ethanol	48.2
Ethyl Acetate	1.4
Isopropylalcohol	5.58
Tetrachloroethene	0.26
Toluene	1.43
Trichlorofluoromethane	1.48

OA1 - 2/27/2019

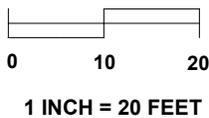
Acetone	6.29
Benzene	3.99
Carbon Tetrachloride	0.47
Chloromethane	1.35
Dichlorodifluoromethane	2.61
Ethanol	20.3
Ethylbenzene	1.25
Heptane	1.44
Hexane	3.01
Isopropylalcohol	1.32
Xylene (m&p)	4.27
Xylene (o)	1.19
Propylene	8
Toluene	9.23
Trichlorofluoromethane	1.21



SIDEWALK

JACKSON STREET

SCALE



KEY:

- SSx SUBSLAB VAPOR SAMPLING LOCATION
- IAx INDOOR AIR SAMPLING LOCATION
- OAx OUTDOOR AIR SAMPLING LOCATION



Phone 631.504.6000
Fax 631.924.2870

Environmental Business Consultants

Figure No.
4

Site Name: Former Driggs Plywood Corp. Site - C224178
Site Address: 11-15 Jackson Street, Brooklyn, NY
Drawing Title: February 2019 SVI Sampling

TABLES

TABLE 1
11 Jackson Street,
Brooklyn, New York
Sub-Slab Samples - Volatile Organic Compounds
February 27, 2019

COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m ³) ^(a)	NYSDOH Soil Outdoor Background Levels (µg/m ³) ^(b)	SS1 2/27/2019 (µg/m ³)		SS2 2/27/2019 (µg/m ³)		SS3 2/27/2019 (µg/m ³)	
			Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1,2,2-Tetrachloroethane		<1.5	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1,2-Trichloroethane		<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1-Dichloroethane		<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1-Dichloroethene		<1.0	<0.20	0.20	0.28	0.20	<0.20	0.20
1,2,4-Trichlorobenzene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2,4-Trimethylbenzene		<1.0	8.4	1.00	<1.00	1.00	2.63	1.00
1,2-Dibromoethane		<1.5	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2-Dichlorobenzene		<2.0	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2-Dichloroethane		<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2-Dichloropropane			<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2-Dichlorotetrafluoroethane			<1.00	1.00	<1.00	1.00	<1.00	1.00
1,3,5-Trimethylbenzene		<1.0	5.01	1.00	<1.00	1.00	<1.00	1.00
1,3-Butadiene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,3-Dichlorobenzene		<2.0	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,4-Dichlorobenzene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,4-Dioxane			<1.00	1.00	<1.00	1.00	<1.00	1.00
2-Hexanone			<1.00	1.00	1.11	1.00	<1.00	1.00
4-Ethyltoluene		NA	1.14	1.00	1.54	1.00	<1.00	1.00
4-Isopropyltoluene			<1.00	1.00	<1.00	1.00	<1.00	1.00
4-Methyl-2-pentanone			6.67	1.00	1.97	1.00	2.23	1.00
Acetone		NA	463	5.01	74.8	1.00	49.6	1.00
Acrylonitrile			<1.00	1.00	<1.00	1.00	<1.00	1.00
Benzene		<1.6 - 4.7	3.77	1.00	<1.00	1.00	<1.00	1.00
Benzyl Chloride		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00
Bromodichloromethane		<5.0	<1.00	1.00	<1.00	1.00	<1.00	1.00
Bromoform		<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00
Bromomethane		<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00
Carbon Disulfide		NA	3.3	1.00	<1.00	1.00	<1.00	1.00
Carbon Tetrachloride	5	<3.1	0.39	0.20	0.49	0.20	0.53	0.20
Chlorobenzene		<2.0	<1.00	1.00	<1.00	1.00	<1.00	1.00
Chloroethane		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00
Chloroform		<2.4	1.44	1.00	3.57	1.00	<1.00	1.00
Chloromethane		<1.0 - 1.4	<1.00	1.00	<1.00	1.00	<1.00	1.00
cis-1,2-Dichloroethene		<1.0	<0.20	0.20	<0.20	0.20	<0.20	0.20
cis-1,3-Dichloropropene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00
Cyclohexane		NA	47.1	1.00	<1.00	1.00	<1.00	1.00
Dibromochloromethane		<5.0	<1.00	1.00	<1.00	1.00	<1.00	1.00
Dichlorodifluoromethane		NA	2.45	1.00	2.31	1.00	2.45	1.00
Ethanol			143	5.01	62.1	1.00	70.8	1.00
Ethyl Acetate		NA	5.19	1.00	3.01	1.00	4.11	1.00
Ethylbenzene		<4.3	5.16	1.00	1.29	1.00	1.48	1.00
Heptane		NA	27.5	1.00	1.7	1.00	1.53	1.00
Hexachlorobutadiene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00
Hexane		<1.5	70.8	1.00	<1.00	1.00	<1.00	1.00
Isopropylalcohol		NA	12.1	1.00	13	1.00	3.61	1.00
Isopropylbenzene			1.43	1.00	<1.00	1.00	<1.00	1.00
Xylene (m&p)		<4.3	26.1	1.00	4.6	1.00	5.55	1.00
Methyl Ethyl Ketone			28.6	1.00	13.9	1.00	14	1.00
MTBE		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00
Methylene Chloride		<3.4	<3.00	3.00	<3.00	3.00	<3.00	3.00
n-Butylbenzene			<1.00	1.00	<1.00	1.00	<1.00	1.00
Xylene (o)		<4.3	12.8	1.00	2	1.00	2.44	1.00
Propylene		NA	<1.00	1.00	1.05	1.00	<1.00	1.00
sec-Butylbenzene			<1.00	1.00	<1.00	1.00	<1.00	1.00
Styrene		<1.0	1.43	1.00	<1.00	1.00	<1.00	1.00
Tetrachloroethene	100		0.92	0.25	0.48	0.25	0.92	0.25
Tetrahydrofuran		NA	22.4	1.00	11.2	1.00	13.4	1.00
Toluene		1.0 - 6.1	19.1	1.00	6.44	1.00	6.52	1.00
trans-1,2-Dichloroethene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00
trans-1,3-Dichloropropene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00
Trichloroethene	2	<1.7	1.75	0.20	0.95	0.20	1.98	0.20
Trichlorofluoromethane		NA	4.37	1.00	2.18	1.00	1.99	1.00
Trichlorotrifluoroethane			<1.00	1.00	<1.00	1.00	<1.00	1.00
Vinyl Chloride		<1.0	<0.20	0.20	<0.20	0.20	<0.20	0.20
Total BTEX			66.93		14.33		15.99	
Total CVOCs			11.32		10.26		7.87	
Total VOCs			925.32		209.97		185.77	

Notes:

NA No guidance value or standard available

(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006. New York State Department of Health.

(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)

TABLE 2
11 Jackson Street,
Brooklyn, New York
Indoor and Outdoor Air - Volatile Organic Compounds
February 27, 2019

COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m ³) ^(a)	NYSDOH Soil Outdoor Background Levels (µg/m ³) ^(b)	IA1 2/27/2019 (µg/m3)		IA2 2/27/2019 (µg/m3)		IA3 2/27/2019 (µg/m3)		OA1 2/27/2019 (µg/m3)	
			Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1,2,2-Tetrachloroethane		<1.5	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1,2-Trichloroethane		<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1-Dichloroethane		<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1-Dichloroethene		<1.0	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20
1,2,4-Trichlorobenzene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2,4-Trimethylbenzene		<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2-Dibromoethane		<1.5	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2-Dichlorobenzene		<2.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2-Dichloroethane		<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2-Dichloropropane			<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2-Dichlorotetrafluoroethane			<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,3,5-Trimethylbenzene		<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,3-Butadiene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,3-Dichlorobenzene		<2.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,4-Dichlorobenzene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,4-Dioxane			<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
2-Hexanone			<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
4-Ethyltoluene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
4-Isopropyltoluene			<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
4-Methyl-2-pentanone			<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Acetone		NA	8.02	1.00	4.27	1.00	22	1.00	6.29	1.00
Acrylonitrile			<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Benzene		<1.6 - 4.7	<1.00	1.00	<1.00	1.00	1.1	1.00	3.99	1.00
Benzyl Chloride		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Bromodichloromethane		<5.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Bromoform		<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Bromomethane		<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Carbon Disulfide		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Carbon Tetrachloride	5	<3.1	0.5	0.20	0.5	0.20	0.45	0.20	0.47	0.20
Chlorobenzene		<2.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Chloroethane		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Chloroform		<2.4	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Chloromethane		<1.0 - 1.4	1.63	1.00	1.14	1.00	1.37	1.00	1.35	1.00
cis-1,2-Dichloroethene		<1.0	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20
cis-1,3-Dichloropropene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Cyclohexane		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Dibromochloromethane		<5.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Dichlorodifluoromethane		NA	2.82	1.00	2.13	1.00	2.82	1.00	2.61	1.00
Ethanol			24.5	1.00	48.2	1.00	36.7	1.00	20.3	1.00
Ethyl Acetate		NA	<1.00	1.00	1.4	1.00	<1.00	1.00	<1.00	1.00
Ethylbenzene		<4.3	<1.00	1.00	<1.00	1.00	<1.00	1.00	1.25	1.00
Heptane		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	1.44	1.00
Hexachlorobutadiene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Hexane		<1.5	<1.00	1.00	<1.00	1.00	1.15	1.00	3.01	1.00
Isopropylalcohol		NA	5.04	1.00	5.58	1.00	558	1.00	1.32	1.00
Isopropylbenzene			<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Xylene (m&p)		<4.3	<1.00	1.00	<1.00	1.00	<1.00	1.00	4.27	1.00
Methyl Ethyl Ketone			<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
MTBE		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Methylene Chloride		<3.4	<3.00	3.00	<3.00	3.00	<3.00	3.00	<3.00	3.00
n-Butylbenzene			<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Xylene (o)		<4.3	<1.00	1.00	<1.00	1.00	<1.00	1.00	1.19	1.00
Propylene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	8	1.00
sec-Butylbenzene			<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Styrene		<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Tetrachloroethene	100		<0.25	0.25	0.26	0.25	0.25	0.25	<0.25	0.25
Tetrahydrofuran		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Toluene		1.0 - 6.1	<1.00	1.00	1.43	1.00	1.34	1.00	9.23	1.00
trans-1,2-Dichloroethene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
trans-1,3-Dichloropropene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Trichloroethene	2	<1.7	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20
Trichlorofluoromethane		NA	1.31	1.00	1.48	1.00	1.31	1.00	1.21	1.00
Trichlorotrifluoroethane			<1.00	1.00	<1.00	1.00	<1.00	1.00	<1.00	1.00
Vinyl Chloride		<1.0	<0.20	0.20	<0.20	0.20	<0.20	0.20	<0.20	0.20
Total BTEX			0.00		1.43		2.44		19.93	
Total CVOCs			6.26		5.51		6.20		5.64	
Total VOCs			43.82		66.39		626.49		65.93	

Notes:

NA No guidance value or standard available

(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, New York State Department of Health.

(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH

APPENDIX A
PRR Forms

Box 2A

YES NO

8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?

 YES NO

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid?
(The Qualitative Exposure Assessment must be certified every five years)

 YES NO

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C224178

Box 3**Description of Institutional Controls**ParcelOwnerInstitutional Control

2741-47

Jackson Estates II LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Site Management Plan
IC/EC Plan

Institutional controls for this site consists of an environmental easement and a site management plan that includes groundwater and land use restrictions. The SMP covers a soil management plan.

Box 4**Description of Engineering Controls**ParcelEngineering Control

2741-47

Sub-Slab Depressurization System
Cover System

Periodic Review Report (PRR) Certification Statements

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

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

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

YES NO

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

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

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

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

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

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

YES NO

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C224178

Box 6

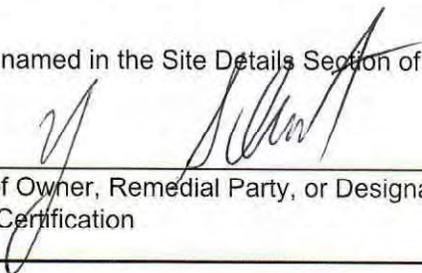
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I Isaac Schwartz at 320 Roebling Street, Ste 316, Brooklyn NY 11211
print name print business address

am certifying as Owner (Owner or Remedial Party)

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



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

6/18/2019

Date

IC/EC CERTIFICATIONS

Qualified Environmental Professional Signature

Box 7

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

I, Ariel Czemerinski at AMC Engineering PLLC
print name print business address

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



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

Stamp
(Required for PE)

6/18/19
Date

APPENDIX B
Laboratory Report



Thursday, March 07, 2019

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

Project ID: 11 JACKSON ST BROOKLYN NY
SDG ID: GCC59704
Sample ID#s: CC59704 - CC59710

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 are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

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 #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
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



Sample Id Cross Reference

March 07, 2019

SDG I.D.: GCC59704

Project ID: 11 JACKSON ST BROOKLYN NY

Client Id	Lab Id	Matrix
OA1	CC59704	AIR
IA3	CC59705	AIR
SS2	CC59706	AIR
IA1	CC59707	AIR
SS3	CC59708	AIR
IA2	CC59709	AIR
SS1	CC59710	AIR



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Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

March 07, 2019

SDG I.D.: GCC59704

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

March 07, 2019

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: 28566

Custody Information

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

Date: 02/27/19 17:05
 02/28/19 15:31

Laboratory Data

SDG ID: GCC59704
 Phoenix ID: CC59704

Project ID: 11 JACKSON ST BROOKLYN NY
 Client ID: OA1

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	03/01/19	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	03/01/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	03/01/19	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	03/01/19	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	03/01/19	KCA	1	
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	03/01/19	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	03/01/19	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/01/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	03/01/19	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/01/19	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	03/01/19	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	03/01/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	03/01/19	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/01/19	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	03/01/19	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/01/19	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/01/19	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	03/01/19	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	03/01/19	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	03/01/19	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	03/01/19	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	03/01/19	KCA	1	
Acetone	2.65	0.421	0.421	6.29	1.00	1.00	03/01/19	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	03/01/19	KCA	1	
Benzene	1.25	0.313	0.313	3.99	1.00	1.00	03/01/19	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	03/01/19	KCA	1	

Client ID: OA1

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	03/01/19	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	03/01/19	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	03/01/19	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	03/01/19	KCA	1
Carbon Tetrachloride	0.075	0.032	0.032	0.47	0.20	0.20	03/01/19	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	03/01/19	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	03/01/19	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	03/01/19	KCA	1
Chloromethane	0.654	0.485	0.485	1.35	1.00	1.00	03/01/19	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	03/01/19	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	03/01/19	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	03/01/19	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	03/01/19	KCA	1
Dichlorodifluoromethane	0.528	0.202	0.202	2.61	1.00	1.00	03/01/19	KCA	1
Ethanol	10.8	0.531	0.531	20.3	1.00	1.00	03/01/19	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	03/01/19	KCA	1
Ethylbenzene	0.287	0.230	0.230	1.25	1.00	1.00	03/01/19	KCA	1
Heptane	0.351	0.244	0.244	1.44	1.00	1.00	03/01/19	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	03/01/19	KCA	1
Hexane	0.854	0.284	0.284	3.01	1.00	1.00	03/01/19	KCA	1
Isopropylalcohol	0.536	0.407	0.407	1.32	1.00	1.00	03/01/19	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/01/19	KCA	1
m,p-Xylene	0.985	0.230	0.230	4.27	1.00	1.00	03/01/19	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	03/01/19	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	03/01/19	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	03/01/19	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	03/01/19	KCA	1
o-Xylene	0.274	0.230	0.230	1.19	1.00	1.00	03/01/19	KCA	1
Propylene	4.65	0.581	0.581	8.00	1.00	1.00	03/01/19	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	03/01/19	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	03/01/19	KCA	1
Tetrachloroethene	ND	0.037	0.037	ND	0.25	0.25	03/01/19	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	03/01/19	KCA	1
Toluene	2.45	0.266	0.266	9.23	1.00	1.00	03/01/19	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	03/01/19	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	03/01/19	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	03/01/19	KCA	1
Trichlorofluoromethane	0.215	0.178	0.178	1.21	1.00	1.00	03/01/19	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	03/01/19	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	03/01/19	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	100	%	%	100	%	%	03/01/19	KCA	1
% IS-1,4-Difluorobenzene	106	%	%	106	%	%	03/01/19	KCA	1
% IS-Bromochloromethane	108	%	%	108	%	%	03/01/19	KCA	1
% IS-Chlorobenzene-d5	102	%	%	102	%	%	03/01/19	KCA	1

Client ID: OA1

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 the primary accrediting authority (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 L=Biased Low 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:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

March 07, 2019

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

March 07, 2019

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: 13638

Custody Information

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

Date

02/27/19
 02/28/19

Time

17:54
 15:31

Laboratory Data

SDG ID: GCC59704
 Phoenix ID: CC59705

Project ID: 11 JACKSON ST BROOKLYN NY
 Client ID: IA3

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	03/01/19	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	03/01/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	03/01/19	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	03/01/19	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	03/01/19	KCA	1	
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	03/01/19	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	03/01/19	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/01/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	03/01/19	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/01/19	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	03/01/19	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	03/01/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	03/01/19	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/01/19	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	03/01/19	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/01/19	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/01/19	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	03/01/19	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	03/01/19	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	03/01/19	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	03/01/19	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	03/01/19	KCA	1	
Acetone	9.28	0.421	0.421	22.0	1.00	1.00	03/01/19	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	03/01/19	KCA	1	
Benzene	0.344	0.313	0.313	1.10	1.00	1.00	03/01/19	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	03/01/19	KCA	1	

Client ID: IA3

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	03/01/19	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	03/01/19	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	03/01/19	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	03/01/19	KCA	1
Carbon Tetrachloride	0.072	0.032	0.032	0.45	0.20	0.20	03/01/19	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	03/01/19	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	03/01/19	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	03/01/19	KCA	1
Chloromethane	0.666	0.485	0.485	1.37	1.00	1.00	03/01/19	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	03/01/19	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	03/01/19	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	03/01/19	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	03/01/19	KCA	1
Dichlorodifluoromethane	0.570	0.202	0.202	2.82	1.00	1.00	03/01/19	KCA	1
Ethanol	19.5	0.531	0.531	36.7	1.00	1.00	03/01/19	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	03/01/19	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	03/01/19	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	03/01/19	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	03/01/19	KCA	1
Hexane	0.327	0.284	0.284	1.15	1.00	1.00	03/01/19	KCA	1
Isopropylalcohol	227	E 0.407	0.407	558	1.00	1.00	03/01/19	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/01/19	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	03/01/19	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	03/01/19	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	03/01/19	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	03/01/19	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	03/01/19	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	03/01/19	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	03/01/19	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	03/01/19	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	03/01/19	KCA	1
Tetrachloroethene	0.037	0.037	0.037	0.25	0.25	0.25	03/01/19	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	03/01/19	KCA	1
Toluene	0.355	0.266	0.266	1.34	1.00	1.00	03/01/19	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	03/01/19	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	03/01/19	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	03/01/19	KCA	1
Trichlorofluoromethane	0.234	0.178	0.178	1.31	1.00	1.00	03/01/19	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	03/01/19	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	03/01/19	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	100	%	%	100	%	%	03/01/19	KCA	1
% IS-1,4-Difluorobenzene	101	%	%	101	%	%	03/01/19	KCA	1
% IS-Bromochloromethane	105	%	%	105	%	%	03/01/19	KCA	1
% IS-Chlorobenzene-d5	100	%	%	100	%	%	03/01/19	KCA	1

Client ID: IA3

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 the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

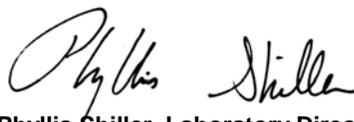
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

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.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

March 07, 2019

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

March 07, 2019

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: 28582

Custody Information

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

Date: 02/27/19 18:13
 02/28/19 15:31

Laboratory Data

SDG ID: GCC59704
 Phoenix ID: CC59706

Project ID: 11 JACKSON ST BROOKLYN NY
 Client ID: SS2

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	03/03/19	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	03/03/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	03/03/19	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	03/03/19	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	03/03/19	KCA	1	
1,1-Dichloroethene	0.070	0.051	0.051	0.28	0.20	0.20	03/03/19	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	03/03/19	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/03/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	03/03/19	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/03/19	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	03/03/19	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	03/03/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	03/03/19	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/03/19	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	03/03/19	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/03/19	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/03/19	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	03/03/19	KCA	1	
2-Hexanone(MBK)	0.272	0.244	0.244	1.11	1.00	1.00	03/03/19	KCA	1	1
4-Ethyltoluene	0.314	0.204	0.204	1.54	1.00	1.00	03/03/19	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	03/03/19	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.480	0.244	0.244	1.97	1.00	1.00	03/03/19	KCA	1	
Acetone	31.5	0.421	0.421	74.8	1.00	1.00	03/03/19	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	03/03/19	KCA	1	
Benzene	ND	0.313	0.313	ND	1.00	1.00	03/03/19	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	03/03/19	KCA	1	

Client ID: SS2

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	03/03/19	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	03/03/19	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	03/03/19	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	03/03/19	KCA	1
Carbon Tetrachloride	0.078	0.032	0.032	0.49	0.20	0.20	03/03/19	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	03/03/19	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	03/03/19	KCA	1
Chloroform	0.731	0.205	0.205	3.57	1.00	1.00	03/03/19	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	03/03/19	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	03/03/19	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	03/03/19	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	03/03/19	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	03/03/19	KCA	1
Dichlorodifluoromethane	0.467	0.202	0.202	2.31	1.00	1.00	03/03/19	KCA	1
Ethanol	33.0	0.531	0.531	62.1	1.00	1.00	03/03/19	KCA	1
Ethyl acetate	0.836	0.278	0.278	3.01	1.00	1.00	03/03/19	KCA	1
Ethylbenzene	0.298	0.230	0.230	1.29	1.00	1.00	03/03/19	KCA	1
Heptane	0.416	0.244	0.244	1.70	1.00	1.00	03/03/19	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	03/03/19	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	03/03/19	KCA	1
Isopropylalcohol	5.31	0.407	0.407	13.0	1.00	1.00	03/03/19	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/03/19	KCA	1
m,p-Xylene	1.06	0.230	0.230	4.60	1.00	1.00	03/03/19	KCA	1
Methyl Ethyl Ketone	4.73	0.339	0.339	13.9	1.00	1.00	03/03/19	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	03/03/19	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	03/03/19	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	03/03/19	KCA	1
o-Xylene	0.461	0.230	0.230	2.00	1.00	1.00	03/03/19	KCA	1
Propylene	0.612	0.581	0.581	1.05	1.00	1.00	03/03/19	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	03/03/19	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	03/03/19	KCA	1
Tetrachloroethene	0.071	0.037	0.037	0.48	0.25	0.25	03/03/19	KCA	1
Tetrahydrofuran	3.79	0.339	0.339	11.2	1.00	1.00	03/03/19	KCA	1
Toluene	1.71	0.266	0.266	6.44	1.00	1.00	03/03/19	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	03/03/19	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	03/03/19	KCA	1
Trichloroethene	0.176	0.037	0.037	0.95	0.20	0.20	03/03/19	KCA	1
Trichlorofluoromethane	0.388	0.178	0.178	2.18	1.00	1.00	03/03/19	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	03/03/19	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	03/03/19	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	99	%	%	99	%	%	03/03/19	KCA	1
% IS-1,4-Difluorobenzene	76	%	%	76	%	%	03/03/19	KCA	1
% IS-Bromochloromethane	78	%	%	78	%	%	03/03/19	KCA	1
% IS-Chlorobenzene-d5	87	%	%	87	%	%	03/03/19	KCA	1

Client ID: SS2

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 the primary accrediting authority (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 L=Biased Low 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:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

March 07, 2019

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

March 07, 2019

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: 28570

Custody Information

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

Date: 02/27/19 17:00
 02/28/19 15:31

Laboratory Data

SDG ID: GCC59704
 Phoenix ID: CC59707

Project ID: 11 JACKSON ST BROOKLYN NY
 Client ID: IA1

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	03/01/19	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	03/01/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	03/01/19	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	03/01/19	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	03/01/19	KCA	1	
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	03/01/19	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	03/01/19	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/01/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	03/01/19	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/01/19	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	03/01/19	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	03/01/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	03/01/19	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/01/19	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	03/01/19	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/01/19	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/01/19	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	03/01/19	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	03/01/19	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	03/01/19	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	03/01/19	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	03/01/19	KCA	1	
Acetone	3.38	0.421	0.421	8.02	1.00	1.00	03/01/19	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	03/01/19	KCA	1	
Benzene	ND	0.313	0.313	ND	1.00	1.00	03/01/19	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	03/01/19	KCA	1	

Client ID: IA1

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	03/01/19	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	03/01/19	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	03/01/19	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	03/01/19	KCA	1
Carbon Tetrachloride	0.080	0.032	0.032	0.50	0.20	0.20	03/01/19	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	03/01/19	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	03/01/19	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	03/01/19	KCA	1
Chloromethane	0.791	0.485	0.485	1.63	1.00	1.00	03/01/19	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	03/01/19	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	03/01/19	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	03/01/19	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	03/01/19	KCA	1
Dichlorodifluoromethane	0.571	0.202	0.202	2.82	1.00	1.00	03/01/19	KCA	1
Ethanol	13.0	0.531	0.531	24.5	1.00	1.00	03/01/19	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	03/01/19	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	03/01/19	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	03/01/19	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	03/01/19	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	03/01/19	KCA	1
Isopropylalcohol	2.05	0.407	0.407	5.04	1.00	1.00	03/01/19	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/01/19	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	03/01/19	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	03/01/19	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	03/01/19	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	03/01/19	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	03/01/19	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	03/01/19	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	03/01/19	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	03/01/19	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	03/01/19	KCA	1
Tetrachloroethene	ND	0.037	0.037	ND	0.25	0.25	03/01/19	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	03/01/19	KCA	1
Toluene	ND	0.266	0.266	ND	1.00	1.00	03/01/19	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	03/01/19	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	03/01/19	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	03/01/19	KCA	1
Trichlorofluoromethane	0.234	0.178	0.178	1.31	1.00	1.00	03/01/19	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	03/01/19	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	03/01/19	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	102	%	%	102	%	%	03/01/19	KCA	1
% IS-1,4-Difluorobenzene	102	%	%	102	%	%	03/01/19	KCA	1
% IS-Bromochloromethane	104	%	%	104	%	%	03/01/19	KCA	1
% IS-Chlorobenzene-d5	99	%	%	99	%	%	03/01/19	KCA	1

Client ID: IA1

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 the primary accrediting authority (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 L=Biased Low 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:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

March 07, 2019

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

March 07, 2019

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: TG
 Received by: SW
 Analyzed by: see "By" below

Date: 02/27/19 17:52
 02/28/19 15:31

Laboratory Data

SDG ID: GCC59704
 Phoenix ID: CC59708

Project ID: 11 JACKSON ST BROOKLYN NY
 Client ID: SS3

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	03/03/19	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	03/03/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	03/03/19	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	03/03/19	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	03/03/19	KCA	1	
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	03/03/19	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	03/03/19	KCA	1	
1,2,4-Trimethylbenzene	0.535	0.204	0.204	2.63	1.00	1.00	03/03/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	03/03/19	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/03/19	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	03/03/19	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	03/03/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	03/03/19	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/03/19	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	03/03/19	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/03/19	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/03/19	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	03/03/19	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	03/03/19	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	03/03/19	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	03/03/19	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.545	0.244	0.244	2.23	1.00	1.00	03/03/19	KCA	1	
Acetone	20.9	0.421	0.421	49.6	1.00	1.00	03/03/19	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	03/03/19	KCA	1	
Benzene	ND	0.313	0.313	ND	1.00	1.00	03/03/19	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	03/03/19	KCA	1	

Client ID: SS3

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	03/03/19	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	03/03/19	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	03/03/19	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	03/03/19	KCA	1
Carbon Tetrachloride	0.085	0.032	0.032	0.53	0.20	0.20	03/03/19	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	03/03/19	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	03/03/19	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	03/03/19	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	03/03/19	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	03/03/19	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	03/03/19	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	03/03/19	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	03/03/19	KCA	1
Dichlorodifluoromethane	0.496	0.202	0.202	2.45	1.00	1.00	03/03/19	KCA	1
Ethanol	37.6	0.531	0.531	70.8	1.00	1.00	03/03/19	KCA	1
Ethyl acetate	1.14	0.278	0.278	4.11	1.00	1.00	03/03/19	KCA	1
Ethylbenzene	0.342	0.230	0.230	1.48	1.00	1.00	03/03/19	KCA	1
Heptane	0.374	0.244	0.244	1.53	1.00	1.00	03/03/19	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	03/03/19	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	03/03/19	KCA	1
Isopropylalcohol	1.47	0.407	0.407	3.61	1.00	1.00	03/03/19	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/03/19	KCA	1
m,p-Xylene	1.28	0.230	0.230	5.55	1.00	1.00	03/03/19	KCA	1
Methyl Ethyl Ketone	4.76	0.339	0.339	14.0	1.00	1.00	03/03/19	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	03/03/19	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	03/03/19	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	03/03/19	KCA	1
o-Xylene	0.562	0.230	0.230	2.44	1.00	1.00	03/03/19	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	03/03/19	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	03/03/19	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	03/03/19	KCA	1
Tetrachloroethene	0.136	0.037	0.037	0.92	0.25	0.25	03/03/19	KCA	1
Tetrahydrofuran	4.54	0.339	0.339	13.4	1.00	1.00	03/03/19	KCA	1
Toluene	1.73	0.266	0.266	6.52	1.00	1.00	03/03/19	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	03/03/19	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	03/03/19	KCA	1
Trichloroethene	0.369	0.037	0.037	1.98	0.20	0.20	03/03/19	KCA	1
Trichlorofluoromethane	0.354	0.178	0.178	1.99	1.00	1.00	03/03/19	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	03/03/19	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	03/03/19	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	99	%	%	99	%	%	03/03/19	KCA	1
% IS-1,4-Difluorobenzene	73	%	%	73	%	%	03/03/19	KCA	1
% IS-Bromochloromethane	75	%	%	75	%	%	03/03/19	KCA	1
% IS-Chlorobenzene-d5	85	%	%	85	%	%	03/03/19	KCA	1

Client ID: SS3

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 the primary accrediting authority (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 L=Biased Low 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:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

March 07, 2019

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

March 07, 2019

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: 16005

Custody Information

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

Date: 02/27/19 18:17
 02/28/19 15:31

Laboratory Data

SDG ID: GCC59704
 Phoenix ID: CC59709

Project ID: 11 JACKSON ST BROOKLYN NY
 Client ID: IA2

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	03/01/19	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	03/01/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	03/01/19	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	03/01/19	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	03/01/19	KCA	1	
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	03/01/19	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	03/01/19	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/01/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	03/01/19	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/01/19	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	03/01/19	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	03/01/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	03/01/19	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/01/19	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	03/01/19	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/01/19	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/01/19	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	03/01/19	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	03/01/19	KCA	1	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	03/01/19	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	03/01/19	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	03/01/19	KCA	1	
Acetone	1.80	0.421	0.421	4.27	1.00	1.00	03/01/19	KCA	1	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	03/01/19	KCA	1	
Benzene	ND	0.313	0.313	ND	1.00	1.00	03/01/19	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	03/01/19	KCA	1	

Client ID: IA2

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	03/01/19	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	03/01/19	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	03/01/19	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	03/01/19	KCA	1
Carbon Tetrachloride	0.080	0.032	0.032	0.50	0.20	0.20	03/01/19	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	03/01/19	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	03/01/19	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	03/01/19	KCA	1
Chloromethane	0.552	0.485	0.485	1.14	1.00	1.00	03/01/19	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	03/01/19	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	03/01/19	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	03/01/19	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	03/01/19	KCA	1
Dichlorodifluoromethane	0.431	0.202	0.202	2.13	1.00	1.00	03/01/19	KCA	1
Ethanol	25.6	0.531	0.531	48.2	1.00	1.00	03/01/19	KCA	1
Ethyl acetate	0.389	0.278	0.278	1.40	1.00	1.00	03/01/19	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	03/01/19	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	03/01/19	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	03/01/19	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	03/01/19	KCA	1
Isopropylalcohol	2.27	0.407	0.407	5.58	1.00	1.00	03/01/19	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	03/01/19	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	03/01/19	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	03/01/19	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	03/01/19	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	03/01/19	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	03/01/19	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	03/01/19	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	03/01/19	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	03/01/19	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	03/01/19	KCA	1
Tetrachloroethene	0.039	0.037	0.037	0.26	0.25	0.25	03/01/19	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	03/01/19	KCA	1
Toluene	0.380	0.266	0.266	1.43	1.00	1.00	03/01/19	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	03/01/19	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	03/01/19	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	03/01/19	KCA	1
Trichlorofluoromethane	0.264	0.178	0.178	1.48	1.00	1.00	03/01/19	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	03/01/19	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	03/01/19	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	99	%	%	99	%	%	03/01/19	KCA	1
% IS-1,4-Difluorobenzene	126	%	%	126	%	%	03/01/19	KCA	1
% IS-Bromochloromethane	123	%	%	123	%	%	03/01/19	KCA	1
% IS-Chlorobenzene-d5	125	%	%	125	%	%	03/01/19	KCA	1

Client ID: IA2

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 the primary accrediting authority (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 L=Biased Low 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:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

March 07, 2019

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

March 07, 2019

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: 21361

Custody Information

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

Date: 02/27/19 16:41
 02/28/19 15:31

Laboratory Data

SDG ID: GCC59704
 Phoenix ID: CC59710

Project ID: 11 JACKSON ST BROOKLYN NY
 Client ID: SS1

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	03/03/19	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	03/03/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	03/03/19	KCA	1	
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	03/03/19	KCA	1	
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	03/03/19	KCA	1	
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	03/03/19	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	03/03/19	KCA	1	
1,2,4-Trimethylbenzene	1.71	0.204	0.204	8.40	1.00	1.00	03/03/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	03/03/19	KCA	1	
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/03/19	KCA	1	
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	03/03/19	KCA	1	
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	03/03/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	03/03/19	KCA	1	
1,3,5-Trimethylbenzene	1.02	0.204	0.204	5.01	1.00	1.00	03/03/19	KCA	1	
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	03/03/19	KCA	1	
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/03/19	KCA	1	
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	03/03/19	KCA	1	
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	03/03/19	KCA	1	
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	03/03/19	KCA	1	1
4-Ethyltoluene	0.232	0.204	0.204	1.14	1.00	1.00	03/03/19	KCA	1	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	03/03/19	KCA	1	1
4-Methyl-2-pentanone(MIBK)	1.63	0.244	0.244	6.67	1.00	1.00	03/03/19	KCA	1	
Acetone	195	2.11	2.11	463	5.01	5.01	03/05/19	KCA	5	
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	03/03/19	KCA	1	
Benzene	1.18	0.313	0.313	3.77	1.00	1.00	03/03/19	KCA	1	
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	03/03/19	KCA	1	

Client ID: SS1

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	03/03/19	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	03/03/19	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	03/03/19	KCA	1
Carbon Disulfide	1.06	0.321	0.321	3.30	1.00	1.00	03/03/19	KCA	1
Carbon Tetrachloride	0.062	0.032	0.032	0.39	0.20	0.20	03/03/19	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	03/03/19	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	03/03/19	KCA	1
Chloroform	0.295	0.205	0.205	1.44	1.00	1.00	03/03/19	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	03/03/19	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	03/03/19	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	03/03/19	KCA	1
Cyclohexane	13.7	0.291	0.291	47.1	1.00	1.00	03/03/19	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	03/03/19	KCA	1
Dichlorodifluoromethane	0.496	0.202	0.202	2.45	1.00	1.00	03/03/19	KCA	1
Ethanol	75.8	2.66	2.66	143	5.01	5.01	03/05/19	KCA	5
Ethyl acetate	1.44	0.278	0.278	5.19	1.00	1.00	03/03/19	KCA	1
Ethylbenzene	1.19	0.230	0.230	5.16	1.00	1.00	03/03/19	KCA	1
Heptane	6.72	0.244	0.244	27.5	1.00	1.00	03/03/19	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	03/03/19	KCA	1
Hexane	20.1	0.284	0.284	70.8	1.00	1.00	03/03/19	KCA	1
Isopropylalcohol	4.93	0.407	0.407	12.1	1.00	1.00	03/03/19	KCA	1
Isopropylbenzene	0.292	0.204	0.204	1.43	1.00	1.00	03/03/19	KCA	1
m,p-Xylene	6.01	0.230	0.230	26.1	1.00	1.00	03/03/19	KCA	1
Methyl Ethyl Ketone	9.72	0.339	0.339	28.6	1.00	1.00	03/03/19	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	03/03/19	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	03/03/19	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	03/03/19	KCA	1
o-Xylene	2.95	0.230	0.230	12.8	1.00	1.00	03/03/19	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	03/03/19	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	03/03/19	KCA	1
Styrene	0.337	0.235	0.235	1.43	1.00	1.00	03/03/19	KCA	1
Tetrachloroethene	0.135	0.037	0.037	0.92	0.25	0.25	03/03/19	KCA	1
Tetrahydrofuran	7.60	0.339	0.339	22.4	1.00	1.00	03/03/19	KCA	1
Toluene	5.06	0.266	0.266	19.1	1.00	1.00	03/03/19	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	03/03/19	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	03/03/19	KCA	1
Trichloroethene	0.325	0.037	0.037	1.75	0.20	0.20	03/03/19	KCA	1
Trichlorofluoromethane	0.778	0.178	0.178	4.37	1.00	1.00	03/03/19	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	03/03/19	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	03/03/19	KCA	1
<u>QA/QC Surrogates/Internals</u>									
% Bromofluorobenzene	110	%	%	110	%	%	03/03/19	KCA	1
% IS-1,4-Difluorobenzene	78	%	%	78	%	%	03/03/19	KCA	1
% IS-Bromochloromethane	79	%	%	79	%	%	03/03/19	KCA	1
% IS-Chlorobenzene-d5	90	%	%	90	%	%	03/03/19	KCA	1
% Bromofluorobenzene (5x)	105	%	%	105	%	%	03/05/19	KCA	5
% IS-1,4-Difluorobenzene (5x)	101	%	%	101	%	%	03/05/19	KCA	5
% IS-Bromochloromethane (5x)	104	%	%	104	%	%	03/05/19	KCA	5
% IS-Chlorobenzene-d5 (5x)	105	%	%	105	%	%	03/05/19	KCA	5

Client ID: SS1

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 the primary accrediting authority (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 L=Biased Low 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:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

March 07, 2019

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



Canister Sampling Information

March 07, 2019

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

Location Code: EBC

SDG I.D.: GCC59704

Project ID: 11 JACKSON ST BROOKLYN NY

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory					Field			
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
OA1	CC59704	28566	6.0L	3500	02/27/19	-30	-1	10.8	11	1.8	-30	-4	02/27/19 9:05	02/27/19 17:05
IA3	CC59705	13638	6.0L	5382	02/27/19	-30	-4	10.8	10.8	0.0	-30	-5	02/27/19 9:54	02/27/19 17:54
SS2	CC59706	28582	6.0L	5623	02/27/19	-30	-3	10.8	10.9	0.9	-30	-4	02/27/19 10:23	02/27/19 18:13
IA1	CC59707	28570	6.0L	4962	02/27/19	-30	-4	10.8	10.9	0.9	-30	-5	02/27/19 9:00	02/27/19 17:00
SS3	CC59708	13636	6.0L	5657	02/27/19	-30	-5	10.8	10.8	0.0	-30	-6	02/27/19 9:52	02/27/19 17:52
IA2	CC59709	16005	6.0L	2865	02/27/19	-30	-4	10.8	10.8	0.0	-30	-6	02/27/19 10:25	02/27/19 18:17
SS1	CC59710	21361	6.0L	5521	02/27/19	-30	-3	10.8	10.9	0.9	-29	-2	02/27/19 8:58	02/27/19 16:41

Thursday, March 07, 2019

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCC59704 - 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 exceedance 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 Temple P.O. Box 170, Middletown, CT 06460
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: F.V.O

Phone #:

Report to: Kevin Waters
Customer: EBC
Address: 11 Jackson St
Tom Gallo

Invoice to: EBC
Project Name: 11 Jackson Street Brooklyn 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		
													Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)
59704	OAI	28566	6.0	-30	-1	2600	10.8	9:05	17:05	2-27-19	-30	-4	X		
59705	IA3	13838			-4	5382		9:54	17:54	2-27-19	-30	-5	X		
	Did Not Use	464			X	3178									
59706	SS2	28582			-3	5623		10:23	18:13	2-27-19	-30	-4	X		
59707	IA1	28570			-4	4962		9:00	17:00	2-27-19	-30	-5	X		
59708	SS3	13636			-5	5657		9:52	17:52	2-27-19	-30	-6	X		
59709	IA2	16005			-4	2865		10:25	18:17	2-27-19	-30	-6	X		
59710	SS1	21361			-3	5521		8:58	16:41	2-27-19	-29	-2	X		

Relinquished by: Thomas Gallo Date: 2-28-19 12:20
 Accepted by: [Signature] Date: 2-28-19 15:34
 Data Format: Excel Equis Other PDF
 Turnaround Time: 24 Hour 48 Hour 72 Hour Standard
 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.
 Requested Criteria: (9) (6) (5) (5) (4)
 Quote Number: _____ Date: _____

SPECIAL INSTRUCTIONS, REQUIREMENTS, REGULATORY INFORMATION:

APPENDIX C
Site Inspection Checklist

SITE INSPECTION CHECKLIST

SSDS - System Inspection Checklist
11 Jackson Street
Brooklyn, NY

Date: 6/21/2018 Time: 17:00

Inspector Name/Organization: Thomas Gallo / EBC

Physical Inspection of Fan- Check seal w/vent line, unusual noises and general condition of unit.

Fan 1 :	yes	no	Fan Model No. Manufacturer:
Operational?	<u>X</u>	<u> </u>	<u>RadonAway RP265</u>
Observed Leaks at Seals?	<u> </u>	<u>X</u>	
Air Flow at Exhaust Stack?	<u>X</u>	<u> </u>	<u>Other Comments / Observations</u>
Vacuum Reading:	<u>-1.0</u>	<u>"H2O</u>	<u> </u>
Alarm Test:			<u> </u>
Alarm sound when fan off?	<u> </u>	<u> </u>	<u>Alarm plug is missing, could not test</u>
Indicator lights when fan off?	<u> </u>	<u> </u>	<u> </u>

Repairs Needed and / or Maintenance at this time?

Replace alarm plug

Signature: Thomas Gallo Date: 6/21/2018

SITE INSPECTION CHECKLIST

SSDS - System Inspection Checklist
11 Jackson Street
Brooklyn, NY

Date: 10/25/2019 Time: 10:00

Inspector Name/Organization: Thomas Gallo / EBC

Physical Inspection of Fan- Check seal w/vent line, unusual noises and general condition of unit.

Fan 1 :	yes	no	Fan Model No. Manufacturer:
Operational?	<u>X</u>	<u> </u>	<u>RadonAway RP265</u>
Observed Leaks at Seals?	<u> </u>	<u>X</u>	<u> </u>
Air Flow at Exhaust Stack?	<u>X</u>	<u> </u>	<u>Other Comments / Observations</u>
Vacuum Reading:	<u>-1.0</u>	<u>"H2O</u>	<u> </u>
Alarm Test:			<u> </u>
Alarm sound when fan off?	<u>X</u>	<u> </u>	<u> </u>
Indicator lights when fan off?	<u>X</u>	<u> </u>	<u> </u>

Repairs Needed and / or Maintenance at this time?

No

Signature: Thomas Gallo Date: 10-25-19