July 27, 2017

Michael Haggerty
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, Albany, NY 12233-7016

Re: ***Soil Vapor Intrusion Report***
8 Walworth Street, Brooklyn, NY
Potential Site No. C224239

Dear Mr. Haggerty:

Introduction
The following Soil Vapor Intrusion (SVI) Report is being submitted to document the results of air sampling performed at the above referenced potential site. This SVI study was performed in accordance with the Soil Vapor Intrusion Work Plan prepared by EBC and dated March 2017.

Building Conditions
EBC conducted an on-Site inspection of the building on March 20, 2017. The property is improved with a single-story commercial/manufacturing building currently occupied by warehouse on the north portion of the building and a prayer room with a coat room, bathroom, and a mezzanine along the Walworth Street side of the prayer room. During the inspection a 1.5 ft crack in the warehouse slab was identified towards the Walworth Street side of the building. Hot air circulation, space heaters, and electric baseboards were noted as the only heating utilized within the building.

Chemical Inventory
During the on-Site inspection on March 20, 2017, EBC conducted an inventory of chemicals that were on-Site that could potentially have an impact on the indoor air quality of the building. There were no chemicals identified during the inspection that would be expected to influence the test results. The Indoor Air Quality Questionnaire is attached in **Appendix A**.

Sub-Slab Soil Vapor Sampling
On March 20, 2017, two sub-slab soil vapor implants (*SS1* and *SS2*) were installed below the slab within the warehouse and within the prayer room on the first floor. The sub-slab soil vapor implants were installed by drilling a ½ inch hole through the concrete slab with a handheld drill and then inserting a ¼ inch polyethylene tube to no more than 2 inches below the base of the slab. The tubing was then sealed at the surface with hydrated granular bentonite. Prior to sampling, each sampling location was tested to ensure a proper surface seal had been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples.

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the sample probe and tube) of air was purged from the implant using a calibrated vacuum pump. After purging, a 6-liter Summa® canister, fitted with an 8-hour flow regulator, was attached to the surface tube of each of the sub-slab soil vapor implants. Prior to initiating sample collection,

sample identification, canister number, date and start time were recorded on tags attached to each canister and in a bound field note book. Sampling then proceeded by fully opening the flow control valve on each canister in turn. When the vacuum level in the canister was between 5 and 8 inches of mercury (approx 8 hours), the flow controller valve was closed, and the final vacuum recorded.

The sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on the chain of custody. Samples were submitted to Phoenix Environmental Laboratories, Inc. (Phoenix) located at 587 East Middle Turnpike, Manchester, CT (NY Cert No. 11301) for laboratory analysis of VOCs EPA Method TO-15. Soil vapor sampling locations and detections are shown on **Figure 1**. A copy of the laboratory analytical report is included in **Appendix B**. Analytical results are summarized on **Table 1**.

Indoor and Outdoor Ambient Air Sampling

EBC performed indoor air and outdoor air sampling concurrently with the sub-slab soil vapor sampling on March 20, 2017. The indoor air sampling event consisted of the collection and laboratory analysis of two indoor air samples (*IA1* and *IA2*) from within the warehouse and prayer room located on the first floor. The outdoor air sample (*OA1*) was collected by lowering the polyethylene tube through the mezzanine window approximately 8 ft below the window and approximately 8 ft above the sidewalk along Walworth Street to provide background information.

The indoor and outdoor ambient air samples were collected in 6 Liter summa canisters fitted with 8-hr laboratory calibrated regulators. The sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on the chain of custody. Samples were submitted to Phoenix for laboratory analysis of VOCs EPA Method TO-15.

The approximate collection location of the indoor and outdoor ambient air samples and all detections are shown on **Figure 1**. A copy of the laboratory analytical report is included in **Appendix B**. Analytical results of the indoor and outdoor ambient air samples are summarized on **Table 1**.

Results

As shown in **Table 1**, petroleum VOCs were reported in all samples including subslab, indoor air and outdoor air. BTEX concentrations within the sub-slab soil gas samples ranged from 6.23 µg/m^3 (*IA1*) to 1,814 µg/m^3 (*SS2*). The highest detected BTEX compound was toluene, which was detected at a maximum concentration of 1,470 µg/m^3 (*SS2*). Benzene was detected within both of the sub-slab soil gas samples (*SS1* and *SS2*) at a maximum concentration of 58.7 µg/m^3.

The chlorinated VOCs tetrachloroethylene, trichloroethylene, carbon tetrachloride, 1,1-dichloroethene, 1,1-dichloroethane, 1,1,1-trichloroethane cis-1,2-dichloroethene and vinyl chloride were detected in both of the sub-slab soil gas samples. Total CVOCs in the subslab samples ranged from 92,693 µg/m^3 to 315,589 µg/m^3. CVOCs were also reported in both indoor air and in the outdoor air samples. Total CVOCs for indoor air ranged from 481 to 1,179 µg/m^3. Total CVOCs were 196 µg/m^3 in the outdoor air sample. Tetrachloroethene (PCE) and trichloroethene (TCE) were reported in indoor air above NYSDOH immediate action levels. Note that the NYSDOH does not currently have chemical specific immediate action levels for 1,1,1-TCA, cis-DCE or vinyl chloride though it recommends taking reasonable and practical actions to reduce exposures when levels are above background in indoor air.

PCE, TCE, cis-DCE, vinyl chloride and 1,1,1-TCA were all reported at soil vapor/indoor air levels in which mitigation is recommended in the NYSDOH Soil Vapor /Indoor Air Matrices.

Conclusions

The results of the subslab testing identified high concentrations of CVOCs beneath the building slab in both sections of the building. Elevated concentrations of these same CVOCs in indoor air indicate that the subslab vapors are affecting indoor air quality. In particular PCE and TCE were reported above NYSDOH immediate action levels while 1,1,1-TCA, PCE, cis-DCE, TCE and vinyl chloride were all reported above NYSDOH soil vapor / indoor air matrix levels in which mitigation is recommended. In response to these results, the NYSDEC requested that mitigation measures be performed. Two 125 cfm vapor phase carbon air purification systems were installed on May 14. However, due to accessibility issues, the scrubber for the warehouse could not be installed within that section of the building. The system was installed at a remote location in the adjacent building section which later became non-viable due to noise issues.

It is not clear from the subslab results if the CVOCs in soil gas are related to an on-site source or from the adjacent brownfield site (11 Spencer Street) or a combination of both. Subslab PCE concentration in the source area of the adjacent BCP site were reported as high as 1,640,000 µg/m^3, an order of magnitude higher than those reported at the 8 Walworth property. In addition, PCE and TCE were reported on the adjacent BCP site near the property line with the 8 Walworth Street property at concentrations of 247,000 and 155,000 µg/m^3 respectively, which are significantly higher than those on 8 Walworth (maximum of 37,800 µg/m^3 PCE & 39,900 µg/m^3TCE). 1,1,1-TCA, was also reported at higher concentrations on the 11 Spencer Street property at a concentration of 122,000 µg/m^3 vs 94,300 µg/m^3 on the 8 Walworth property. However, cis-DCE and vinyl chloride, both degradents of PCE/TCE, were present at higher concentrations in soil gas on the 8 Walworth property at maximum concentrations of 158,000 µg/m^3 and 396 µg/m^3, respectively, vs. 15,000 and 12.4 on the 11 Spencer Street Site.

Further investigation is planned for the 8 Walworth Street property to determine if a source is present. Although the building was vacated on or about July 1, 2017, additional testing and mitigation measures may be taken to further reduce the CVOCs in indoor air if the building is occupied again. Interim remedial actions are recommended at the adjacent BCP Site since CVOC vapors originating at the Site are very likely migrating off-site and may be affecting air quality or otherwise impede mitigation efforts on the 8 Walworth property. Please call if you have any questions or if you wish to discuss the findings of this report.

Very truly yours,
Environmental Business Consultants

Patrick Recio
Environmental Scientist

Charles B. Sosik, P.G., P.H.G.
Principal

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TABLES

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TABLE 1
8 Walworth Street, Brooklyn, NY
Sub-Slab/Indoor/Outdoor Analytical Results
Volatile Organic Compounds

COMPOUNDS	NYSDOH Recommended Indoor Air Action Level (µg/m³) [a]	NYSDOH Soil Outdoor Background Levels (µg/m³) [b]	SS1 3/20/2017 (µg/m3)		SS2 3/20/2017 (µg/m3)		IA1 3/20/2017 (µg/m3)		IA2 3/20/2017 (µg/m3)		OA1 3/20/2017 (µg/m3)	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			5.32	1.00	1.23	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane		<2.0 - 2.8	5,620	75.2	94,300	1,890	23.8	1.00	115	1.00	3.38	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	< 1.00	1.00
1,1,2-Trichloroethane		<1.0	4.41	1.00	19	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane		<1.0	421	74.8	22,900	1,890	4.53	1.00	27.2	1.00	< 1.00	1.00
1,1-Dichloroethene		<1.0	99.9	1.00	1,920	105	< 1.00	1.00	2.03	1.00	< 1.00	1.00
1,2,4-Trichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene		<1.0	2.89	1.00	3.47	1.00	< 1.00	1.00	1.15	1.00	2.88	1.00
1,2-Dibromoethane		<1.5	< 1.00	1.00	< 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	< 1.00	1.00
1,2-Dichloroethane		<1.0	3.08	1.00	< 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	< 1.00	1.00
1,2-Dichlorotetrafluoroethane			< 1.00	1.00	< 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	1.96	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	< 1.00	1.00
1,3-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dichlorobenzene		NA	< 1.00	1.00	< 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	< 1.00	1.00
2-Hexanone			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Ethyltoluene		NA	< 1.00	1.00	1.06	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	< 1.00	1.00
4-Methyl-2-pentanone			27.5	1.00	2,660	105	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Acetone		NA	1,270	75.0	15,500	1,890	22.8	1.00	20.5	1.00	724	75.0
Acrylonitrile			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzene		<1.6 - 4.7	13.5	1.00	58.7	1.00	1.26	1.00	1.67	1.00	1.82	1.00
Benzyl Chloride		NA	< 1.00	1.00	< 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	< 1.00	1.00
Bromoform		<1.0	< 1.00	1.00	< 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	< 1.00	1.00
Carbon Disulfide		NA	1.65	1.00	33	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Tetrachloride		<3.1	1,330	18.7	73.6	0.25	1.1	0.25	1.23	0.25	0.64	0.25
Chlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroethane		NA	< 1.00	1.00	10.1	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroform		<2.4	370	75.1	188	1.00	1.4	1.00	< 1.00	1.00	< 1.00	1.00
Chloromethane		<1.0 - 1.4	< 1.00	1.00	< 1.00	1.00	1.57	1.00	1.28	1.00	1.26	1.00
cis-1,2-Dichloroethene		<1.0	8,040	74.9	158,000	1,890	50.3	1.00	255	4.99	11.9	1.00
cis-1,3-Dichloropropene		NA	< 1.00	1.00	< 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	< 1.00	1.00
Dibromochloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dichlorodifluromethane		NA	2.47	1.00	4.99	1.00	2.19	1.00	2.31	1.00	2.19	1.00
Ethanol			369	74.9	4,410	105	311	2.00	182	5.01	89.6	10.0
Ethyl Acetate		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	2.11	1.00
Ethylbenzene		<4.3	3.21	1.00	54.2	1.00	< 1.00	1.00	1.16	1.00	1.74	1.00
Heptane		NA	5.9	1.00	864	105	< 1.00	1.00	< 1.00	1.00	2.65	1.00
Hexachlorobutadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Hexane		<1.5	3.44	1.00	37.3	1.00	< 1.00	1.00	< 1.00	1.00	2.28	1.00
Isopropylalcohol		NA	467	1.00	2,070	1.00	7.42	1.00	14.9	1.00	9.83	1.00
Isopropylbenzene			< 1.00	1.00	1.45	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Xylene (m&p)		<4.3	11	1.00	179	1.00	2.13	1.00	3.97	1.00	6.55	1.00
Methyl Ethyl Ketone			36	1.00	34,200	1,890	1.39	1.00	1.78	1.00	8.55	1.00
MTBE		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Methylene Chloride		<3.4	6.91	1.00	2,500	105	1.13	1.00	1.12	1.00	1.02	1.00
n-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Xylene (o)		<4.3	3.73	1.00	52.1	1.00	< 1.00	1.00	1.49	1.00	2.96	1.00
Propylene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	9.75	1.00
sec-Butylbenzene			< 1.00	1.00	< 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	< 1.00	1.00
Tetrachloroethene	300		37,800	375	35,000	472	331	0.50	691	1.25	153	0.25
Tetrahydrofuran		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	1.13	1.00
Toluene		1.0 - 6.1	18.4	1.00	1,470	105	2.84	1.00	6.33	1.00	17.6	1.00
trans-1,2-Dichloroethene		NA	76.9	1.00	5,110	105	< 1.00	1.00	5.82	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	< 1.00	1.00
Trichloroethene	20	<1.7	39,800	375	25,900	473	75.7	0.25	115	0.25	27.4	0.25
Trichlorofluoromethane		NA	114	1.00	8.93	1.00	1.49	1.00	1.45	1.00	1.21	1.00
Trichlorotrifluoroethane			155	1.00	685	105	< 1.00	1.00	1.81	1.00	< 1.00	1.00
Vinyl Chloride		<1.0	3.14	0.25	396	26.3	< 0.25	0.25	0.3	0.25	< 0.25	0.25
BTEX			49.84		1,814.00		6.23		14.62		30.67	
CVOC			92,693.04		315,589.60		481.90		1,179.56		196.32	
Total VOCs			96,085.35		408,613.09		843.05		1,455.50		1,085.45	

Notes:
NA No guidance value or standard available

(a) New York State Department of Health. Fact Sheets
(b) NYSDOH February 2005, Summary of Background Levels for Selected Compounds
(NYSDOH Database, Outdoor values)

FIGURE

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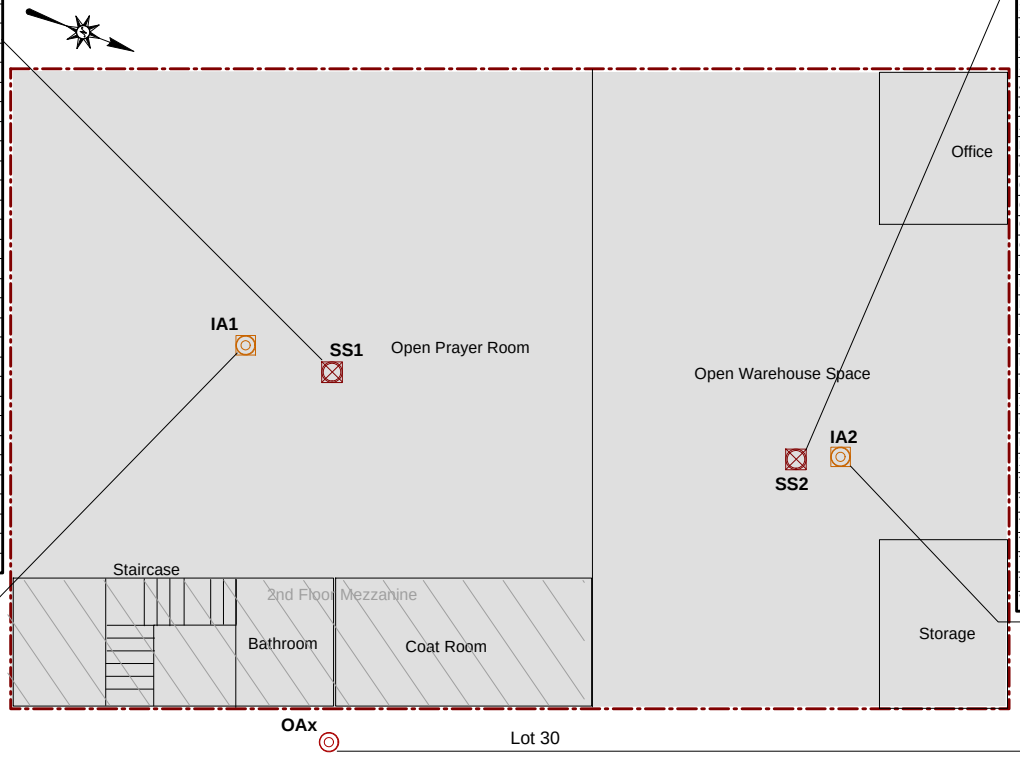
SS1 - 3/20/2017

1,1,1,2-Tetrachloroethane	5.32
1,1,1-Trichloroethane	5,620
1,1,2-Trichloroethane	4.41
1,1-Dichloroethane	421
1,1-Dichloroethene	99.9
1,2,4-Trimethylbenzene	2.89
1,2-Dichloroethane	3.08
4-Methyl-2-pentanone	27.5
Acetone	1,270
Benzene	13.5
Carbon Disulfide	1.65
Carbon Tetrachloride	1,330
Chloroform	370
cis-1,2-Dichloroethene	8,040
Dichlorodifluromethane	2.47
Ethanol	369
Ethylbenzene	3.21
Heptane	5.9
Hexane	3.44
Isopropylalcohol	467
Xylene (m&p)	11
Methyl Ethyl Ketone	36
Methylene Chloride	6.91
Xylene (o)	3.73
Tetrachloroethene	37,800
Toluene	18.4
trans-1,2-Dichloroethene	76.9
Trichloroethene	39,800
Trichlorofluoromethane	114
Trichlorotrifluoroethane	155
Vinyl Chloride	3.14

IA1 - 3/20/2017

1,1,1-Trichloroethane	23.8
1,1-Dichloroethane	4.53
Acetone	22.8
Benzene	1.26
Carbon Tetrachloride	1.1
Chloroform	1.4
Chloromethane	1.57
cis-1,2-Dichloroethene	50.3
Dichlorodifluromethane	2.19
Ethanol	311
Isopropylalcohol	7.42
Xylene (m&p)	2.13
Methyl Ethyl Ketone	1.39
Methylene Chloride	1.13
Tetrachloroethene	331
Toluene	2.84
Trichloroethene	75.7
Trichlorofluoromethane	1.49



KEY:

- Property Boundary
- Existing Building
- 2nd Floor Mezzanine
- IAx Indoor Air Sampling Location
- OAx Outdoor Air Sampling Location
- SSx Subslab Vapor Sampling Location

SCALE:

0 5 10

1 Inch = 10 feet

SS2 - 3/20/2017

1,1,1,2-Tetrachloroethane	1.23
1,1,1-Trichloroethane	94,300
1,1,2-Trichloroethane	19
1,1-Dichloroethane	22,900
1,1-Dichloroethene	1,920
1,2,4-Trimethylbenzene	3.47
1,3,5-Trimethylbenzene	1.96
4-Ethyltoluene	1.06
4-Methyl-2-pentanone	2,660
Acetone	15,500
Benzene	58.7
Carbon Disulfide	33
Carbon Tetrachloride	73.6
Chloroethane	10.1
Chloroform	188
cis-1,2-Dichloroethene	158,000
Dichlorodifluromethane	4.99
Ethanol	4,410
Ethylbenzene	54.2
Heptane	864
Hexane	37.3
Isopropylalcohol	2,070
Isopropylbenzene	1.45
Xylene (m&p)	179
Methyl Ethyl Ketone	34,200
Methylene Chloride	2,500
Xylene (o)	52.1
Tetrachloroethene	35,000
Toluene	1,470
trans-1,2-Dichloroethene	5,110
Trichloroethene	25,900
Trichlorofluoromethane	8.93
Trichlorotrifluoroethane	685
Vinyl Chloride	396

IA2 - 3/20/2017

1,1,1-Trichloroethane	115
1,1-Dichloroethane	27.2
1,1-Dichloroethene	2.03
1,2,4-Trimethylbenzene	1.15
Acetone	20.5
Benzene	1.67
Carbon Tetrachloride	1.23
Chloromethane	1.28
cis-1,2-Dichloroethene	255
Dichlorodifluromethane	2.31
Ethanol	182
Ethylbenzene	1.16
Isopropylalcohol	14.9
Xylene (m&p)	3.97
Methyl Ethyl Ketone	1.78
Methylene Chloride	1.12
Xylene (o)	1.49
Tetrachloroethene	691
Toluene	6.33
trans-1,2-Dichloroethene	5.82
Trichloroethene	115
Trichlorofluoromethane	1.45
Trichlorotrifluoroethane	1.81
Vinyl Chloride	0.3

OA1 - 3/20/2017

1,1,1-Trichloroethane	3.38
1,2,4-Trimethylbenzene	2.88
Acetone	724
Benzene	1.82
Carbon Tetrachloride	0.64
Chloromethane	1.26
cis-1,2-Dichloroethene	11.9
Dichlorodifluromethane	2.19
Ethanol	89.6
Ethyl Acetate	2.11
Ethylbenzene	1.74
Heptane	2.65
Hexane	2.28
Isopropylalcohol	9.83
Xylene (m&p)	6.55
Methyl Ethyl Ketone	8.55
Methylene Chloride	1.02
Xylene (o)	2.96
Propylene	9.75
Tetrachloroethene	153
Tetrahydrofuran	1.13
Toluene	17.6
Trichloroethene	27.4
Trichlorofluoromethane	1.21

EBC
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Figure No. 1

Site Name: Soil Vapor Instrustion Investigation

Site Address: 8 Walworth Street, Brooklyn, NY

Drawing Title: Soil Vapor Detections

INDOOR AIR QUALITY QUESTIONAIRE

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

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

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

Preparer's Name Thomas Gallo Date/Time Prepared 3-20-17; 13:00

Preparer's Affiliation Environmental Business Consultants Phone No. (631) 504-6000

Purpose of Investigation To determine if cvoc's are migrating into building

1. OCCUPANT:

Interviewed: Y (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

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

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

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

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

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

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Warehouse

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

Other characteristics:

Number of floors 1 Building age 35 yr

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

4. AIRFLOW

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

Airflow between floors

Single floor with Mezzanine

Airflow near source

Air between slab and raised floor in prayer room may escape by stairs near front of building.

Outdoor air infiltration

Outdoor air infiltrates through bottom of bay door in warehouse.

Infiltration into air ducts

No air ducts in warehouse area.
2 air ducts in rear of prayer room recirculate air from ceiling.

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

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

Basement/Lowest level depth below grade: (0) (feet)

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

1.5 ft crack in slab - Front of warehouse

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

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

(Hot air circulation)	Heat pump	Hot water baseboard	
(Space Heaters)	Stream radiation	Radiant floor	
(Electric baseboard)	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
(Electric)	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: _____

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other NA
Air conditioning:	Central Air	Window units	(Open Windows)	None

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

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

Open prayer room has two ducts [1 in each rear corner] for circulation of hot air from ceiling.

7. OCCUPANCY

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

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	
1st Floor	Prayer Room / Warehouse
2nd Floor	Mezzanine in prayer rm - prayer / meeting
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

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

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

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

d. Has the building ever had a fire? Y / (N) When?_____

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

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

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

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

i. Have cosmetic products been used recently? Y / (N) When & Type?_____

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

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

l. Have air fresheners been used recently? Y / (N) When & Type? _____

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

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

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

p. Has there been a pesticide application? Y (N) When & Type? _____

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

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

If yes, what types of solvents are used? _____

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

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

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

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

9. WATER AND SEWAGE

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

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

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

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

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

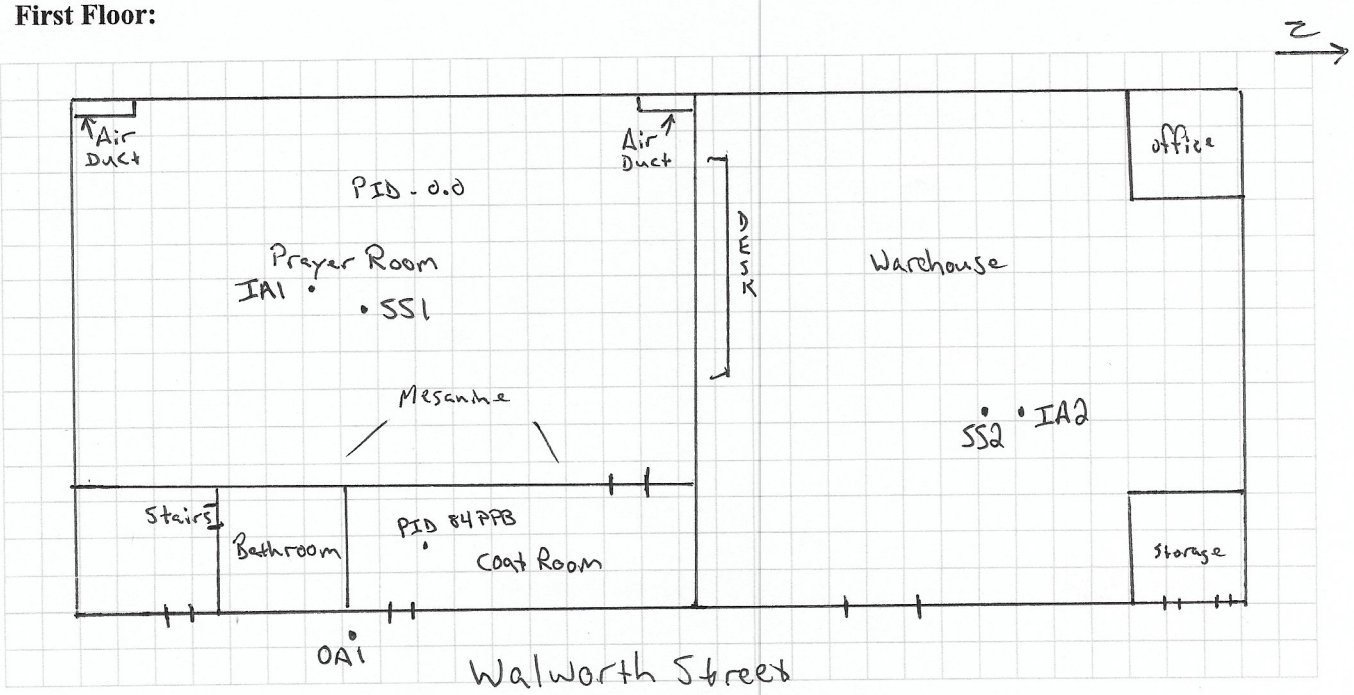
d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

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

Basement:

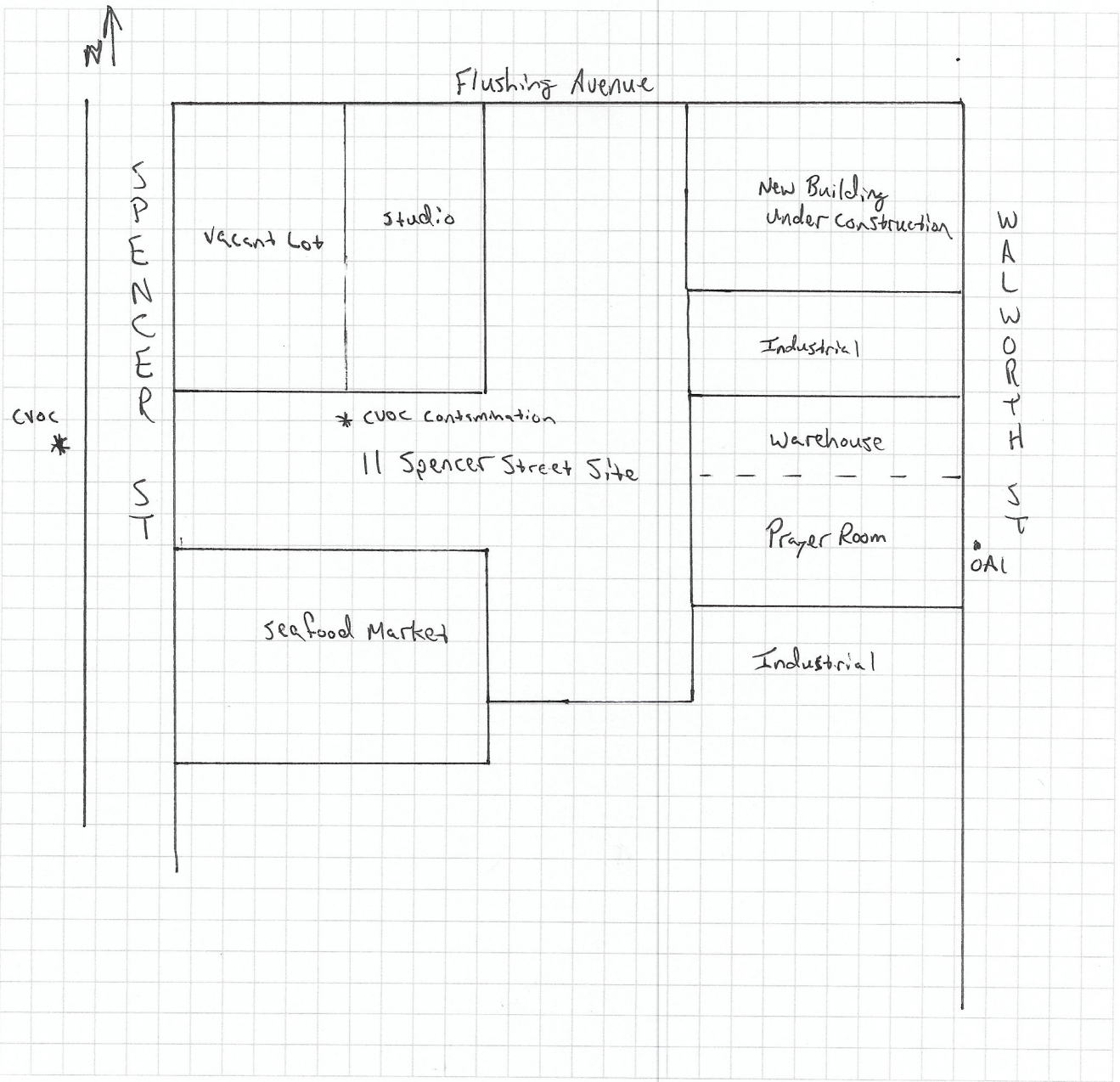
First Floor:



12. OUTDOOR PLOT

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

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



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: MiniRae ppb 3000

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

No chemicals on site

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

LABORATORY REPORT

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

PHOENIX
Environmental Laboratories, Inc.

Monday, March 27, 2017

Attn: Mr. Kevin Waters
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 8 WALWORTH ST BROOKLYN NY
Sample ID#s: BX90400 - BX90404

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

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

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

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: Environmental Business Consultants

Project: 8 WALWORTH ST BROOKLYN NY

Laboratory Project: GBX90400

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

March 27, 2017 **SDG I.D.: GBX90400**

Environmental Business Consultants 8 WALWORTH ST BROOKLYN NY

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
IA1	BX90400	AIR
SS2	BX90401	AIR
SS1	BX90402	AIR
OA1	BX90403	AIR
IA2	BX90404	AIR

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NY Analytical Services Protocol Format

March 27, 2017 **SDG I.D.: GBX90400**

Environmental Business Consultants 8 WALWORTH ST BROOKLYN NY

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BX90400	Volatiles (TO15)	03/20/17	03/21/17	03/21/17	KCA	Y
BX90401	Volatiles (TO15)	03/20/17	03/22/17	03/22/17	KCA	Y
BX90402	Volatiles (TO15)	03/20/17	03/22/17	03/22/17	KCA	Y
BX90403	Volatiles (TO15)	03/20/17	03/22/17	03/22/17	KCA	Y
BX90404	Volatiles (TO15)	03/20/17	03/21/17	03/21/17	KCA	Y

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NY # 11301

SDG Comments

March 27, 2017

SDG I.D.: GBX90400

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.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 27, 2017

FOR: Attn: Mr. Kevin Waters
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TG	03/20/17	16:28
Location Code:	EBC	Received by:	SW	03/21/17	14:40
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	13644				

Laboratory Data

SDG ID: GBX90400
Phoenix ID: BX90400

Project ID: 8 WALWORTH 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	03/21/17	KCA	1	1
1,1,1-Trichloroethane	4.36	*0.183*	0.183	23.8	*1.00*	1.00	03/21/17	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/21/17	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/21/17	KCA	1	
1,1-Dichloroethane	1.12	*0.247*	0.247	4.53	*1.00*	1.00	03/21/17	KCA	1	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/21/17	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/21/17	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/21/17	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/21/17	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/21/17	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/21/17	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/21/17	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/21/17	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/21/17	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/21/17	KCA	1	
Acetone	9.60	*0.421*	0.421	22.8	*1.00*	1.00	03/21/17	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/21/17	KCA	1	
Benzene	0.396	*0.313*	0.313	1.26	*1.00*	1.00	03/21/17	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/21/17	KCA	1	

Project ID: 8 WALWORTH ST BROOKLYN NY

Phoenix I.D.: BX90400

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	03/21/17	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/21/17	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/21/17	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/21/17	KCA	1	
Carbon Tetrachloride	0.175		*0.040*	0.040	1.10	*0.25*	0.25	03/21/17	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/21/17	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/21/17	KCA	1	
Chloroform	0.287		*0.205*	0.205	1.40	*1.00*	1.00	03/21/17	KCA	1	
Chloromethane	0.761		*0.485*	0.485	1.57	*1.00*	1.00	03/21/17	KCA	1	
Cis-1,2-Dichloroethene	12.7		*0.252*	0.252	50.3	*1.00*	1.00	03/21/17	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/21/17	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/21/17	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/21/17	KCA	1	
Dichlorodifluoromethane	0.444		*0.202*	0.202	2.19	*1.00*	1.00	03/21/17	KCA	1	
Ethanol	165	ED	*1.06*	1.06	311	*2.00*	2.00	03/21/17	KCA	2	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	03/21/17	KCA	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/21/17	KCA	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	03/21/17	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/21/17	KCA	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	03/21/17	KCA	1	
Isopropylalcohol	3.02		*0.407*	0.407	7.42	*1.00*	1.00	03/21/17	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/21/17	KCA	1	
m,p-Xylene	0.490		*0.230*	0.230	2.13	*1.00*	1.00	03/21/17	KCA	1	
Methyl Ethyl Ketone	0.473		*0.339*	0.339	1.39	*1.00*	1.00	03/21/17	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/21/17	KCA	1	
Methylene Chloride	0.326	S	*0.288*	0.288	1.13	*1.00*	1.00	03/21/17	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/21/17	KCA	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/21/17	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/21/17	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/21/17	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/21/17	KCA	1	
Tetrachloroethene	48.9	D	*0.074*	0.074	331	*0.50*	0.50	03/21/17	KCA	2	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/21/17	KCA	1	1
Toluene	0.753		*0.266*	0.266	2.84	*1.00*	1.00	03/21/17	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/21/17	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/21/17	KCA	1	
Trichloroethene	14.1		*0.047*	0.047	75.7	*0.25*	0.25	03/21/17	KCA	1	
Trichlorofluoromethane	0.265		*0.178*	0.178	1.49	*1.00*	1.00	03/21/17	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/21/17	KCA	1	
Vinyl Chloride	ND		*0.098*	0.098	ND	*0.25*	0.25	03/21/17	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	106		*%*	%	106	*%*	%	03/21/17	KCA	1	

Project ID: 8 WALWORTH ST BROOKLYN NY
Client ID: IA1

Phoenix I.D.: BX90400

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

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director
March 27, 2017
Reviewed and Released by: Jon Carlson, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 27, 2017

FOR: Attn: Mr. Kevin Waters
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TG	03/20/17	16:56
Location Code:	EBC	Received by:	SW	03/21/17	14:40
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23328				

Laboratory Data

SDG ID: GBX90400
Phoenix ID: BX90401

Project ID: 8 WALWORTH 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	0.179		*0.146*	0.146	1.23	*1.00*	1.00	03/21/17	KCA	1	1
1,1,1-Trichloroethane	17300	D	*347*	347	94300	*1890*	1890	03/22/17	KCA	1890	
1,1,2,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	03/21/17	KCA	1	
1,1,2-Trichloroethane	3.49		*0.183*	0.183	19.0	*1.00*	1.00	03/21/17	KCA	1	
1,1-Dichloroethane	5660	D	*467*	467	22900	*1890*	1890	03/22/17	KCA	1890	
1,1-Dichloroethene	484	D	*26.5*	26.5	1920	*105*	105	03/22/17	KCA	105	
1,2,4-Trichlorobenzene	ND		*0.135*	0.135	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2,4-Trimethylbenzene	0.707		*0.204*	0.204	3.47	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dibromoethane(EDB)	ND		*0.130*	0.130	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-dichloropropane	ND		*0.217*	0.217	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dichlorotetrafluoroethane	ND		*0.143*	0.143	ND	*1.00*	1.00	03/21/17	KCA	1	
1,3,5-Trimethylbenzene	0.399		*0.204*	0.204	1.96	*1.00*	1.00	03/21/17	KCA	1	
1,3-Butadiene	ND		*0.452*	0.452	ND	*1.00*	1.00	03/21/17	KCA	1	
1,3-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/21/17	KCA	1	
1,4-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/21/17	KCA	1	
1,4-Dioxane	ND		*0.278*	0.278	ND	*1.00*	1.00	03/21/17	KCA	1	
2-Hexanone(MBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	03/21/17	KCA	1	1
4-Ethyltoluene	0.215		*0.204*	0.204	1.06	*1.00*	1.00	03/21/17	KCA	1	1
4-Isopropyltoluene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/21/17	KCA	1	1
4-Methyl-2-pentanone(MIBK)	650	D	*25.6*	25.6	2660	*105*	105	03/22/17	KCA	105	
Acetone	6510	DS	*796*	796	15500	*1890*	1890	03/22/17	KCA	1890	
Acrylonitrile	ND		*0.461*	0.461	ND	*1.00*	1.00	03/21/17	KCA	1	
Benzene	18.4		*0.313*	0.313	58.7	*1.00*	1.00	03/21/17	KCA	1	
Benzyl chloride	ND		*0.193*	0.193	ND	*1.00*	1.00	03/21/17	KCA	1	

Project ID: 8 WALWORTH ST BROOKLYN NY
Client ID: SS2

Phoenix I.D.: BX90401

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	03/21/17	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/21/17	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/21/17	KCA	1	
Carbon Disulfide	10.6		*0.321*	0.321	33.0	*1.00*	1.00	03/21/17	KCA	1	
Carbon Tetrachloride	11.7		*0.040*	0.040	73.6	*0.25*	0.25	03/21/17	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/21/17	KCA	1	
Chloroethane	3.83		*0.379*	0.379	10.1	*1.00*	1.00	03/21/17	KCA	1	
Chloroform	38.5		*0.205*	0.205	188	*1.00*	1.00	03/21/17	KCA	1	
Chloromethane	ND		*0.485*	0.485	ND	*1.00*	1.00	03/21/17	KCA	1	
Cis-1,2-Dichloroethene	40000	D	*477*	477	159000	*1890*	1890	03/22/17	KCA	1890	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/21/17	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/21/17	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/21/17	KCA	1	
Dichlorodifluoromethane	1.01		*0.202*	0.202	4.99	*1.00*	1.00	03/21/17	KCA	1	
Ethanol	2340	D	*55.8*	55.8	4410	*105*	105	03/22/17	KCA	105	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	03/21/17	KCA	1	1
Ethylbenzene	12.5		*0.230*	0.230	54.2	*1.00*	1.00	03/21/17	KCA	1	
Heptane	211	D	*25.6*	25.6	864	*105*	105	03/22/17	KCA	105	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/21/17	KCA	1	
Hexane	10.6		*0.284*	0.284	37.3	*1.00*	1.00	03/21/17	KCA	1	
Isopropylalcohol	844	E	*0.407*	0.407	2070	*1.00*	1.00	03/21/17	KCA	1	
Isopropylbenzene	0.295		*0.204*	0.204	1.45	*1.00*	1.00	03/21/17	KCA	1	
m,p-Xylene	41.2		*0.230*	0.230	179	*1.00*	1.00	03/21/17	KCA	1	
Methyl Ethyl Ketone	11600	D	*641*	641	34200	*1890*	1890	03/22/17	KCA	1890	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/21/17	KCA	1	
Methylene Chloride	721	D	*30.2*	30.2	2500	*105*	105	03/22/17	KCA	105	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/21/17	KCA	1	1
o-Xylene	12.0		*0.230*	0.230	52.1	*1.00*	1.00	03/21/17	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/21/17	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/21/17	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/21/17	KCA	1	
Tetrachloroethene	5170	D	*69.7*	69.7	35000	*472*	472	03/22/17	KCA	1890	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/21/17	KCA	1	1
Toluene	389	D	*27.9*	27.9	1470	*105*	105	03/22/17	KCA	105	
Trans-1,2-Dichloroethene	1290	D	*26.5*	26.5	5110	*105*	105	03/22/17	KCA	105	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/21/17	KCA	1	
Trichloroethene	4830	D	*88.0*	88.0	25900	*473*	473	03/22/17	KCA	1890	
Trichlorofluoromethane	1.59		*0.178*	0.178	8.93	*1.00*	1.00	03/21/17	KCA	1	
Trichlorotrifluoroethane	89.4	D	*13.7*	13.7	685	*105*	105	03/22/17	KCA	105	
Vinyl Chloride	155	D	*10.3*	10.3	396	*26.3*	26.3	03/22/17	KCA	105	
QA/QC Surrogates											
% Bromofluorobenzene	85		*%*	%	85	*%*	%	03/21/17	KCA	1	

Ver 2

Project ID: 8 WALWORTH ST BROOKLYN NY
Client ID: SS2

Phoenix I.D.: BX90401

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

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director
March 27, 2017
Reviewed and Released by: Jon Carlson, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 27, 2017

FOR: Attn: Mr. Kevin Waters
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TG	03/20/17	16:28
Location Code:	EBC	Received by:	SW	03/21/17	14:40
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	12816				

Laboratory Data

SDG ID: GBX90400
Phoenix ID: BX90402

Project ID: 8 WALWORTH 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	0.776		*0.146*	0.146	5.32	*1.00*	1.00	03/21/17	KCA	1	1
1,1,1-Trichloroethane	1030	D	*13.8*	13.8	5620	*75.2*	75.2	03/22/17	KCA	75	
1,1,2,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	03/21/17	KCA	1	
1,1,2-Trichloroethane	0.808		*0.183*	0.183	4.41	*1.00*	1.00	03/21/17	KCA	1	
1,1-Dichloroethane	104	D	*18.5*	18.5	421	*74.8*	74.8	03/22/17	KCA	75	
1,1-Dichloroethene	25.2		*0.252*	0.252	100	*1.00*	1.00	03/21/17	KCA	1	
1,2,4-Trichlorobenzene	ND		*0.135*	0.135	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2,4-Trimethylbenzene	0.589		*0.204*	0.204	2.89	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dibromoethane(EDB)	ND		*0.130*	0.130	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dichloroethane	0.761		*0.247*	0.247	3.08	*1.00*	1.00	03/21/17	KCA	1	
1,2-dichloropropane	ND		*0.217*	0.217	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dichlorotetrafluoroethane	ND		*0.143*	0.143	ND	*1.00*	1.00	03/21/17	KCA	1	
1,3,5-Trimethylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/21/17	KCA	1	
1,3-Butadiene	ND		*0.452*	0.452	ND	*1.00*	1.00	03/21/17	KCA	1	
1,3-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/21/17	KCA	1	
1,4-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/21/17	KCA	1	
1,4-Dioxane	ND		*0.278*	0.278	ND	*1.00*	1.00	03/21/17	KCA	1	
2-Hexanone(MBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	03/21/17	KCA	1	1
4-Ethyltoluene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/21/17	KCA	1	1
4-Isopropyltoluene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/21/17	KCA	1	1
4-Methyl-2-pentanone(MIBK)	6.72		*0.244*	0.244	27.5	*1.00*	1.00	03/21/17	KCA	1	
Acetone	535	D	*31.6*	31.6	1270	*75.0*	75.0	03/22/17	KCA	75	
Acrylonitrile	ND		*0.461*	0.461	ND	*1.00*	1.00	03/21/17	KCA	1	
Benzene	4.22		*0.313*	0.313	13.5	*1.00*	1.00	03/21/17	KCA	1	
Benzyl chloride	ND		*0.193*	0.193	ND	*1.00*	1.00	03/21/17	KCA	1	

Project ID: 8 WALWORTH ST BROOKLYN NY
Client ID: SS1

Phoenix I.D.: BX90402

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	03/21/17	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/21/17	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/21/17	KCA	1	
Carbon Disulfide	0.531		*0.321*	0.321	1.65	*1.00*	1.00	03/21/17	KCA	1	
Carbon Tetrachloride	212	D	*2.98*	2.98	1330	*18.7*	18.7	03/22/17	KCA	75	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/21/17	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/21/17	KCA	1	
Chloroform	75.8	D	*15.4*	15.4	370	*75.1*	75.1	03/22/17	KCA	75	
Chloromethane	ND		*0.485*	0.485	ND	*1.00*	1.00	03/21/17	KCA	1	
Cis-1,2-Dichloroethene	2030	D	*18.9*	18.9	8040	*74.9*	74.9	03/22/17	KCA	75	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/21/17	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/21/17	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/21/17	KCA	1	
Dichlorodifluoromethane	0.500		*0.202*	0.202	2.47	*1.00*	1.00	03/21/17	KCA	1	
Ethanol	196	D	*39.8*	39.8	369	*74.9*	74.9	03/22/17	KCA	75	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	03/21/17	KCA	1	1
Ethylbenzene	0.739		*0.230*	0.230	3.21	*1.00*	1.00	03/21/17	KCA	1	
Heptane	1.44		*0.244*	0.244	5.90	*1.00*	1.00	03/21/17	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/21/17	KCA	1	
Hexane	0.976	S	*0.284*	0.284	3.44	*1.00*	1.00	03/21/17	KCA	1	
Isopropylalcohol	190	E	*0.407*	0.407	467	*1.00*	1.00	03/21/17	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/21/17	KCA	1	
m,p-Xylene	2.54		*0.230*	0.230	11.0	*1.00*	1.00	03/21/17	KCA	1	
Methyl Ethyl Ketone	12.2		*0.339*	0.339	36.0	*1.00*	1.00	03/21/17	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/21/17	KCA	1	
Methylene Chloride	1.99	S	*0.288*	0.288	6.91	*1.00*	1.00	03/21/17	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/21/17	KCA	1	1
o-Xylene	0.859		*0.230*	0.230	3.73	*1.00*	1.00	03/21/17	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/21/17	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/21/17	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/21/17	KCA	1	
Tetrachloroethene	5570	D	*55.3*	55.3	37800	*375*	375	03/22/17	KCA	1500	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/21/17	KCA	1	1
Toluene	4.88		*0.266*	0.266	18.4	*1.00*	1.00	03/21/17	KCA	1	
Trans-1,2-Dichloroethene	19.4		*0.252*	0.252	76.9	*1.00*	1.00	03/21/17	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/21/17	KCA	1	
Trichloroethene	7420	D	*69.8*	69.8	39800	*375*	375	03/22/17	KCA	1500	
Trichlorofluoromethane	20.3		*0.178*	0.178	114	*1.00*	1.00	03/21/17	KCA	1	
Trichlorotrifluoroethane	20.2		*0.131*	0.131	155	*1.00*	1.00	03/21/17	KCA	1	
Vinyl Chloride	1.23		*0.098*	0.098	3.14	*0.25*	0.25	03/21/17	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	106		*%*	%	106	*%*	%	03/21/17	KCA	1	

Project ID: 8 WALWORTH ST BROOKLYN NY
Client ID: SS1

Phoenix I.D.: BX90402

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

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
March 27, 2017
Reviewed and Released by: Jon Carlson, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 27, 2017

FOR: Attn: Mr. Kevin Waters
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TG	03/20/17	16:39
Location Code:	EBC	Received by:	SW	03/21/17	14:40
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	471				

Laboratory Data

SDG ID: GBX90400
Phoenix ID: BX90403

Project ID: 8 WALWORTH 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	03/21/17	KCA	1	1
1,1,1-Trichloroethane	0.619		*0.183*	0.183	3.38	*1.00*	1.00	03/21/17	KCA	1	
1,1,2,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	03/21/17	KCA	1	
1,1,2-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	03/21/17	KCA	1	
1,1-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	03/21/17	KCA	1	
1,1-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2,4-Trichlorobenzene	ND		*0.135*	0.135	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2,4-Trimethylbenzene	0.586		*0.204*	0.204	2.88	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dibromoethane(EDB)	ND		*0.130*	0.130	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-dichloropropane	ND		*0.217*	0.217	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dichlorotetrafluoroethane	ND		*0.143*	0.143	ND	*1.00*	1.00	03/21/17	KCA	1	
1,3,5-Trimethylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/21/17	KCA	1	
1,3-Butadiene	ND		*0.452*	0.452	ND	*1.00*	1.00	03/21/17	KCA	1	
1,3-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/21/17	KCA	1	
1,4-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/21/17	KCA	1	
1,4-Dioxane	ND		*0.278*	0.278	ND	*1.00*	1.00	03/21/17	KCA	1	
2-Hexanone(MBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	03/21/17	KCA	1	1
4-Ethyltoluene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/21/17	KCA	1	1
4-Isopropyltoluene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/21/17	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	03/21/17	KCA	1	
Acetone	305	DS	*31.6*	31.6	724	*75.0*	75.0	03/22/17	KCA	75	
Acrylonitrile	ND		*0.461*	0.461	ND	*1.00*	1.00	03/21/17	KCA	1	
Benzene	0.570		*0.313*	0.313	1.82	*1.00*	1.00	03/21/17	KCA	1	
Benzyl chloride	ND		*0.193*	0.193	ND	*1.00*	1.00	03/21/17	KCA	1	

Project ID: 8 WALWORTH ST BROOKLYN NY
Client ID: OA1

Phoenix I.D.: BX90403

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	03/21/17	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/21/17	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/21/17	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/21/17	KCA	1	
Carbon Tetrachloride	0.101		*0.040*	0.040	0.64	*0.25*	0.25	03/21/17	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/21/17	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/21/17	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/21/17	KCA	1	
Chloromethane	0.611		*0.485*	0.485	1.26	*1.00*	1.00	03/21/17	KCA	1	
Cis-1,2-Dichloroethene	3.01		*0.252*	0.252	11.9	*1.00*	1.00	03/21/17	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/21/17	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/21/17	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/21/17	KCA	1	
Dichlorodifluoromethane	0.444		*0.202*	0.202	2.19	*1.00*	1.00	03/21/17	KCA	1	
Ethanol	47.6	D	*5.31*	5.31	89.6	*10.0*	10.0	03/21/17	KCA	10	1
Ethyl acetate	0.586		*0.278*	0.278	2.11	*1.00*	1.00	03/21/17	KCA	1	1
Ethylbenzene	0.401		*0.230*	0.230	1.74	*1.00*	1.00	03/21/17	KCA	1	
Heptane	0.646		*0.244*	0.244	2.65	*1.00*	1.00	03/21/17	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/21/17	KCA	1	
Hexane	0.647	S	*0.284*	0.284	2.28	*1.00*	1.00	03/21/17	KCA	1	
Isopropylalcohol	4.00		*0.407*	0.407	9.8	*1.00*	1.00	03/21/17	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/21/17	KCA	1	
m,p-Xylene	1.51		*0.230*	0.230	6.55	*1.00*	1.00	03/21/17	KCA	1	
Methyl Ethyl Ketone	2.90		*0.339*	0.339	8.55	*1.00*	1.00	03/21/17	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/21/17	KCA	1	
Methylene Chloride	0.293	S	*0.288*	0.288	1.02	*1.00*	1.00	03/21/17	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/21/17	KCA	1	1
o-Xylene	0.683		*0.230*	0.230	2.96	*1.00*	1.00	03/21/17	KCA	1	
Propylene	5.67		*0.581*	0.581	9.8	*1.00*	1.00	03/21/17	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/21/17	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/21/17	KCA	1	
Tetrachloroethene	22.5		*0.037*	0.037	153	*0.25*	0.25	03/21/17	KCA	1	
Tetrahydrofuran	0.382		*0.339*	0.339	1.13	*1.00*	1.00	03/21/17	KCA	1	1
Toluene	4.67		*0.266*	0.266	17.6	*1.00*	1.00	03/21/17	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/21/17	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/21/17	KCA	1	
Trichloroethene	5.10		*0.047*	0.047	27.4	*0.25*	0.25	03/21/17	KCA	1	
Trichlorofluoromethane	0.216		*0.178*	0.178	1.21	*1.00*	1.00	03/21/17	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/21/17	KCA	1	
Vinyl Chloride	ND		*0.098*	0.098	ND	*0.25*	0.25	03/21/17	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	99		%	%	99	%	%	03/21/17	KCA	1	

Ver 2

Project ID: 8 WALWORTH ST BROOKLYN NY
Client ID: OA1

Phoenix I.D.: BX90403

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

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director

March 27, 2017

Reviewed and Released by: Jon Carlson, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 27, 2017

FOR: Attn: Mr. Kevin Waters
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TG	03/20/17	16:58
Location Code:	EBC	Received by:	SW	03/21/17	14:40
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	357				

Laboratory Data

SDG ID: GBX90400
Phoenix ID: BX90404

Project ID: 8 WALWORTH 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	03/21/17	KCA	1	1
1,1,1-Trichloroethane	21.0	*0.183*	0.183	115	*1.00*	1.00	03/21/17	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/21/17	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/21/17	KCA	1	
1,1-Dichloroethane	6.72	*0.247*	0.247	27.2	*1.00*	1.00	03/21/17	KCA	1	
1,1-Dichloroethene	0.512	*0.252*	0.252	2.03	*1.00*	1.00	03/21/17	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2,4-Trimethylbenzene	0.235	*0.204*	0.204	1.15	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/21/17	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/21/17	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/21/17	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/21/17	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/21/17	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/21/17	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/21/17	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/21/17	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/21/17	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/21/17	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/21/17	KCA	1	
Acetone	8.63	*0.421*	0.421	20.5	*1.00*	1.00	03/21/17	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/21/17	KCA	1	
Benzene	0.522	*0.313*	0.313	1.67	*1.00*	1.00	03/21/17	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/21/17	KCA	1	

Project ID: 8 WALWORTH ST BROOKLYN NY
Client ID: IA2

Phoenix I.D.: BX90404

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	03/21/17	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/21/17	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/21/17	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/21/17	KCA	1	
Carbon Tetrachloride	0.196		*0.040*	0.040	1.23	*0.25*	0.25	03/21/17	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/21/17	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/21/17	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/21/17	KCA	1	
Chloromethane	0.621		*0.485*	0.485	1.28	*1.00*	1.00	03/21/17	KCA	1	
Cis-1,2-Dichloroethene	64.3	D	*1.26*	1.26	255	*4.99*	4.99	03/21/17	KCA	5	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/21/17	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/21/17	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/21/17	KCA	1	
Dichlorodifluoromethane	0.467		*0.202*	0.202	2.31	*1.00*	1.00	03/21/17	KCA	1	
Ethanol	96.7	D	*2.66*	2.66	182	*5.01*	5.01	03/21/17	KCA	5	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	03/21/17	KCA	1	1
Ethylbenzene	0.267		*0.230*	0.230	1.16	*1.00*	1.00	03/21/17	KCA	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	03/21/17	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/21/17	KCA	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	03/21/17	KCA	1	
Isopropylalcohol	6.05		*0.407*	0.407	14.9	*1.00*	1.00	03/21/17	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/21/17	KCA	1	
m,p-Xylene	0.914		*0.230*	0.230	3.97	*1.00*	1.00	03/21/17	KCA	1	
Methyl Ethyl Ketone	0.603		*0.339*	0.339	1.78	*1.00*	1.00	03/21/17	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/21/17	KCA	1	
Methylene Chloride	0.322	S	*0.288*	0.288	1.12	*1.00*	1.00	03/21/17	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/21/17	KCA	1	1
o-Xylene	0.343		*0.230*	0.230	1.49	*1.00*	1.00	03/21/17	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/21/17	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/21/17	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/21/17	KCA	1	
Tetrachloroethene	102	D	*0.184*	0.184	691	*1.25*	1.25	03/21/17	KCA	5	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/21/17	KCA	1	1
Toluene	1.68		*0.266*	0.266	6.33	*1.00*	1.00	03/21/17	KCA	1	
Trans-1,2-Dichloroethene	1.47		*0.252*	0.252	5.82	*1.00*	1.00	03/21/17	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/21/17	KCA	1	
Trichloroethene	21.5		*0.047*	0.047	115	*0.25*	0.25	03/21/17	KCA	1	
Trichlorofluoromethane	0.259		*0.178*	0.178	1.45	*1.00*	1.00	03/21/17	KCA	1	
Trichlorotrifluoroethane	0.236		*0.131*	0.131	1.81	*1.00*	1.00	03/21/17	KCA	1	
Vinyl Chloride	0.118		*0.098*	0.098	0.30	*0.25*	0.25	03/21/17	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	106		*%*	%	106	*%*	%	03/21/17	KCA	1	

Ver 2

Project ID: 8 WALWORTH ST BROOKLYN NY
Client ID: IA2

Phoenix I.D.: BX90404

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

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

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

March 27, 2017

Reviewed and Released by: Jon Carlson, Project Manager

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

March 27, 2017

QA/QC Data

SDG I.D.: GBX90400

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 380069 (ppbv), QC Sample No: BX90531 (BX90400 (1X, 2X) , BX90401, BX90402, BX90403 (1X, 10X) , BX90404 (1X, 5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.183	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.183	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	106	3.36	3.10	0.683	0.630	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.166	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.247	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.216	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.452	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.166	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.166	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.278	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	131	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.204	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	105	1.04	1.14	0.190	0.207	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.421	ND	1.00	107	24.7	22.9	10.4	9.66	7.4	70 - 130	25
Acrylonitrile	ND	0.461	ND	1.00	83	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.313	ND	1.00	96	3.01	3.12	0.944	0.978	NC	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.149	ND	1.00	97	2.04	1.40	0.305	0.209	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.257	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.321	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	101	1.18	1.19	0.188	0.190	NC	70 - 130	25
Chlorobenzene	ND	0.217	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.379	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	97	24.9	24.0	5.11	4.91	4.0	70 - 130	25
Chloromethane	ND	0.484	ND	1.00	100	2.08	1.97	1.01	0.956	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	99	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.291	ND	1.00	102	2.87	2.85	0.835	0.828	NC	70 - 130	25
Dibromochloromethane	ND	0.117	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.202	ND	1.00	93	2.36	2.16	0.477	0.437	NC	70 - 130	25

QA/QC Data

SDG I.D.: GBX90400

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethanol	ND	0.531	ND	1.00	97	1130	1050	601	559	7.2	70 - 130	25
Ethyl acetate	ND	0.278	ND	1.00	122	1.07	0.97	0.298	0.268	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	102	2.22	2.07	0.511	0.478	NC	70 - 130	25
Heptane	ND	0.244	ND	1.00	106	4.18	4.63	1.02	1.13	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.284	ND	1.00	104	7.08 S	7.54 S	2.01 S	2.14 S	6.3	70 - 130	25
Isopropylalcohol	ND	0.407	ND	1.00	92	11.9	11.1	4.83	4.50	7.1	70 - 130	25
Isopropylbenzene	ND	0.204	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	104	8.42	8.42	1.94	1.94	0.0	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	73	1.44	1.51	0.487	0.513	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	93	1.01 S	0.95 S	0.290 S	0.274 S	NC	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	101	2.87	2.92	0.661	0.672	NC	70 - 130	25
Propylene	ND	0.581	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.235	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	95	2.65	2.41	0.391	0.356	9.4	70 - 130	25
Tetrahydrofuran	ND	0.339	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.266	ND	1.00	101	12.2	12.0	3.23	3.19	1.2	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	96	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.178	ND	1.00	99	1.34	1.22	0.238	0.217	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	98	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	103	%	103	%	98	103	101	103	101	NC	70 - 130	25
QA/QC Batch 380224 (ppbv), QC Sample No: BX91534 (BX90401 (105X, 1890X) , BX90402 (75X, 1500X) , BX90403 (75X))												
Volatiles												
1,1,1-Trichloroethane	ND	0.183	ND	1.00	103	1.03	1.01	0.189	0.186	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.421	ND	1.00	110	77.4	76.2	32.6	32.1	1.5	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	105	0.47	0.46	0.075	0.073	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	100	1.43	1.42	0.293	0.292	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	107	ND	ND	ND	ND	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	100	13.8	13.6	7.33	7.20	1.8	70 - 130	25
Heptane	ND	0.244	ND	1.00	113	4.51	4.59	1.10	1.12	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	121	13.6	13.2	4.61	4.48	2.9	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	97	163	159	24.0	23.5	2.1	70 - 130	25
Toluene	ND	0.266	ND	1.00	104	12.9	13.1	3.42	3.48	1.7	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	97	3.16	3.22	0.589	0.599	1.7	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	100	ND	ND	ND	ND	NC	70 - 130	25

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

QA/QC Data

SDG I.D.: GBX90400

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits

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

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

Phyllis Shiller, Laboratory Director
March 27, 2017

Monday, March 27, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBX90400 - EBC

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

*** No Data to Display ***

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

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CHAIN OF CUSTODY RECORD
AIR ANALYSES

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

P.O. # | Page 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: File
☐ Phone #:

Report to: Kevin Waters	Invoice to: EBC	Project Name: 8 Walworth Street Brooklyn NY
Customer: EBC		Requested Deliverable: RCP ☐ ASP CAT B ☒
Address:		MCP ☐ NJ Deliverables ☐
	Sampled by: Thomas Gallo	State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
	Did Not Use ✓	23329	6.0	-30		5599	10-8										
90400	IA1 ✓	13644			-4	5518		8:28	16:28	3.20.17	-30	-3	X				X
90401	SS2 ✓	23328			-4	5591		8:58	16:56	3.20.17	-30	-3		X			X
90402	SS1 ✓	12866			-4	5597		8:28	16:28	3.20.17	-30	-4		X			X
90403	OA1 ✓	471			-4	5387		8:39	16:39	3.20.17	-30	-3	X				X
90404	IA2 ✓	357	↓	↓	-6	3262	↓	8:58	16:58	3.20.17	-30	-5	X				X
	6x6L SIM																

Relinquished by:	Accepted by:	Date:	Time:
		3/21/17	10:36
	TROY	3/22/17	14:40

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

Requested Criteria

Quote Number:

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

Signature: Date: