April 15, 2019

Yoel Barminka
barminyc@gmail.com
162 Manhattan Avenue
New York, NY 11211

Re: Limited Phase II Investigation
880 Rogers and 2601 Snyder Avenue
Block 5107, Lot Nos. 88 and 101
Brooklyn, New York 11226

Dear Mr. Barminka:

Environmental Business Consultants (EBC) is pleased to provide this letter summarizing the findings of our limited Phase II Environmental investigation performed at the above-referenced property on March 29, 2019, in accordance with EBC's proposal, dated March 19, 2019.

Background

The Site consists of two contiguous rectangular-shaped tax parcels totaling 0.19-acre (8,087 square feet), and located on the north side of Snyder Avenue, between Rogers Avenue to the east and Veronica Place to the west, in the Rugby section of the Borough of Brooklyn, New York City, Kings County, New York. Lot No. 101 (880 Rogers Avenue) is currently developed with a 3,600 square foot, 1-story commercial building, with no basement. The building occupies the entire site footprint, fronts to the south and east and is occupied by an auto body repair shop. Lot No. 88 is undeveloped, partially paved and used for vehicle storage/parking. Sidewalk areas are south, east and west of the property.

A Phase I Environmental Site Assessment, prepared by RSK Environmental Group, LLC (RSK), and dated in March 11, 2019, identified one recognized environmental condition (REC) related to the historic use of the property. The identified REC is summarized as follows:

- Information from multiple historic sources indicates that that site was occupied by an auto repair shop for approximately 20 years and prior to that was occupied by a tool & dye manufacturer. Given the long term use of the property as an auto repair shop and manufacturing, there is a potential for historic site operations to have impacted the subsurface.

Soil Boring Investigation

To evaluate potential impacts related to the historic use of the site, EBC conducted a soil boring investigation consisting of six soil borings (SB1 through SB6) at representative locations throughout the repair shop building, as well as adjacent parking lot/yard areas to determine if additional investigation and/or remediation are warranted. Soil boring locations are shown on Figure 2.

At each of the location, soil samples were collected continuously from grade to a depth approximately five feet below the existing basement floor using stainless steel hand augers or the equivalent. Sampling was conducted by hand as the building height did not facilitate the use of a drill rig or direct-push unit. Soil samples were characterized by an EBC environmental scientist and inspected for visual and olfactory evidence of contamination (i.e. staining and/or odors). Non-disposable sampling equipment was cleaned using a potable water and Alconox detergent wash followed by a potable water rinse prior to the collection of each sample. Upon collection, the samples were placed in pre-cleaned laboratory supplied glassware and stored in a cooler packed with ice for transport to the laboratory.

Soils at the site consisted generally of brown silty fine to medium-grained sand extending to a depth of at least five feet below grade. No evidence of petroleum impacts (i.e., staining or odors) was observed and no elevated PID readings were noted. Soil boring logs are included as Attachment A.

As part of the field activities, six soil samples (one per boring), either the sample exhibiting the highest degree if impact (visual or olfactory indicators) or the deepest interval, were submitted to Phoenix Environmental Laboratories, Inc., of Manchester, CT, a New York State-certified laboratory (No. 11301) for analysis. The samples submitted were from the following depths SB1 and through SB6 (3-5'). Soil samples were analyzed volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) Method 8260 and semi-volatile organic compounds (SVOCs) using USEPA Method 8270. These methods are consistent with that specified by the New York State Department of Environmental Conservation (NYSDEC) in the evaluation of petroleum spills and also include typical industrial solvents which were potential used at the site.

Soil Analytical Results

Soil analytical results were compared to the NYSDEC's Division of Environmental Remediation 6 NYCRR Part 375 Soil Cleanup Objective tables (Table 375-6.8[a]: Unrestricted Use Soil Cleanup Objectives [UUSCOs]), CP-51 Soil Cleanup Guidance (Tables 2 and 3), and the Restricted Residential Use Soil Cleanup Objectives (RRUSCOs) (Part 375 Table 375-6.8[b]) to determine if additional investigation and/or remediation is warranted.

The analytical results revealed that one VOC, acetone was detected in two of the six soil samples, but at concentrations well below its UUSCO. It should also be noted that acetone is a common laboratory contaminant, and its presence in these samples may be attributable to laboratory cross-contamination. Seven SVOCs, including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoroanthene, benzo(k)fluoroanthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected in four (SB1, SB2, SB5 and SB6) of the six soil samples at concentrations exceeding either their respective UUSCOs and/or RRUSCOs. Ten additional SVOCs were also detected in one or more of the soil samples, but at concentrations below their respective UUSCOs. No SVOCs were detected in the sample from boring SB3 at concentrations exceeding their respective laboratory method detection limits (MDLs).

Laboratory analytical results for the soil samples are summarized on Tables 1 and 2, and the laboratory reports are provided as Attachment B.

Soil Vapor Sampling

To further evaluate potential impacts attributable to degreasing or painting operations, EBC also conducted a sub-slab soil vapor survey, consisting of the collection and analysis of three sub-slab soil vapor samples from the building floor slab.

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At each of the three sub-slab vapor sampling locations, EBC drilled though the concrete floor using a Bosch rotary hammer drill. Temporary vapor points consisting of six-inch long stainless steel screen point samplers and polyethylene tubing were then installed to a depth of six inches to one foot below the basement floor. The annular space between the polyethylene tubing and the borehole was backfilled to grade with sand and a bentonite clay seal placed above the sand at the ground surface to prevent ambient air from being drawn into the borehole and mixing with the soil vapor to be sampled.

The above-grade end of the tubing was then attached to a hand pump and ambient air within the tubing purged to ensure the collection of a representative sample. The tubing was subsequently attached directly to a six liter laboratory-supplied SUMMA vacuum canister, equipped with laboratory calibrated flow controllers. The samples were collected for a period of approximately two hours at a rate of 0.05 liter per minute to obtain the required sample volume. After collection, the canisters were properly labeled and shipped under chain-of-custody to a New York State-certified laboratory for analysis of volatile organic compounds (VOCs) using USEPA Method TO-15.

Soil Analytical Results

Soil vapor analytical results were compared to New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion (October 2006, updated May 2017) Matrix A, Matrix B, and Matrix C guidance values.

Each of the three soil vapor samples collected showed low to moderate levels of petroleum related VOCs ranging from 21.7 micrograms per cubic meter (µg/m^3) to 145.23 µg/m^3. The chlorinated VOC, tetrachloroethene (PCE) was detected in each of the three samples, but at concentrations (0.67 to 2.12 ug/m^3), which is well below the 30 ug/m^3 monitoring level range established within the NYSDOH soil vapor guidance matrix. The chlorinated VOCs carbon tetrachloride (max. 2.06 µg/m^3) and trichloroethlene (TCE) (max. 0.26 ug/m^3) were also detected in one or more of the three soil vapor samples, but at concentrations well below their applicable criteria of 5 µg/m^3 and 2 µg/m^3, respectively. Other chlorinated VOCs, including 1,1,1-trichloroethane, 1,1-dicloroethene, cis-1,2-dichloroethene, and vinyl chloride were not detected in any of the soil vapor samples.

Laboratory analytical results for the soil vapor samples are summarized on Table 1, and the laboratory reports are provided as Attachment B.

Conclusions and Recommendations

Six shallow (3-5') soil samples were collected from six representative soil borings drilled across the site and analyzed for the presence of VOCs and SVOCs. Analytical results indicate that seven SVOCs were detected in four of the six soil samples, at concentrations exceeding either their UUSCOs or RRUSCOs. No SVOCs were detected above their respective criteria in the two soil borings (SB-3 and SB4), which were drilled at the southeastern portions of the site. No VOCs were identified above applicable regulatory criteria in any of the six soil samples collected/analyzed. The presence of these compounds (SVOCs) in site soils is consistent with typical urban fill material throughout Brooklyn, and not indicative of impacts attributable to the historic use of the site.

Sub-slab soil vapor samples were collected from three representative soil borings drilled across the site and analyzed for the presence of VOCs. Analytical results indicate the presence of several petroleum-related and chlorinated VOCs were detected in each of the three soil vapor samples, but at concentrations below applicable regulatory criteria.

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Based upon these data, there is no evidence to indicate that the historic manufacturing/auto repair use of the site has impacted soil or soil vapor quality beneath the property. As such, EBC does not recommend any further investigation of the site with regard to the historic use of the site. Further, there is no E-designation for hazardous materials assigned to the site; therefore, no additional investigation would be required prior to any redevelopment of the site.

However, based upon the presence of SVOC-impacted fill material any soils removed as part of any redevelopment or other construction activities will have to be properly handled and disposed in accordance with applicable regulations. Additional sampling would likely be required to characterize the soils for disposal facility acceptance, with the number of samples and analysis methods determined by the scope of the proposed development and the selected disposal facility. Finally, although soil vapor impacts were identified, it would be prudent to install a sub-slab vapor barrier beneath and new building constructed at the site.

We appreciate the opportunity to assist you with this project. Should you have any questions or comments, please do not hesitate to contact me.

Sincerely,

Environmental Business Consultants

Keith Butler
Senior Project Manager

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TABLES

Table 1
880 Rogers Avenue
Brooklyn, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1 (3-5) 3/29/2019 µg/Kg		SB2 (3-5) 3/29/2019 µg/Kg		SB3 (3-5) 3/29/2019 µg/Kg		SB4 (3-5) 3/29/2019 µg/Kg		SB5 (3-5) 3/29/2019 µg/Kg		SB6 (3-5) 3/29/2019 µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane			< 18	18	< 22	22	< 22	22	< 18	18	< 24	24	< 19	19
1,1,1-Trichloroethane	680	100,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,1,2,2-Tetrachloroethane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,1,2-Trichloroethane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,1-Dichloroethane	270	26,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,1-Dichloroethene	330	100,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,1-Dichloropropene			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,2,3-Trichlorobenzene			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,2,3-Trichloropropane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,2,4-Trichlorobenzene			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,2,4-Trimethylbenzene	3,600	52,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,2-Dibromo-3-chloropropane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,2-Dibromomethane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,2-Dichlorobenzene	1,100	100,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,2-Dichloroethane	20	3,100	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,2-Dichloropropane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,3,5-Trimethylbenzene	8,400	52,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,3-Dichlorobenzene	2,400	4,900	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,3-Dichloropropane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,4-Dichlorobenzene	1,800	13,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
1,4-dioxane	100	13,000	< 68	68	< 82	82	< 84	84	< 66	66	< 89	89	< 72	72
2,2-Dichloropropane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
2-Chlorotoluene			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
2-Hexanone (Methyl Butyl Ketone)			< 23	23	< 27	27	< 28	28	< 22	22	< 30	30	< 24	24
2-Isopropyltoluene			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
4-Chlorotoluene			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
4-Methyl-2-Pentanone			< 23	23	< 27	27	< 28	28	< 22	22	< 30	30	< 24	24
Acetone	50	100,000	< 23	23	< 27	27	**42**	28	**36**	22	< 30	30	< 24	24
Acrolein			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Acrylonitrile			< 18	18	< 22	22	< 22	22	< 18	18	< 24	24	< 19	19
Benzene	60	4,800	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Bromobenzene			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Bromochloromethane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Bromodichloromethane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Bromoform			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Bromomethane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Carbon Disulfide			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Carbon tetrachloride	760	2,400	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Chlorobenzene	1,100	100,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Chloroethane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Chloroform	370	49,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Chloromethane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
cis-1,2-Dichloroethene	250	100,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
cis-1,3-Dichloropropene			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Dibromochloromethane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Dibromomethane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Dichlorodifluoromethane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Ethylbenzene	1,000	41,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Hexachlorobutadiene			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Isopropylbenzene			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
m&p-Xylenes	260	100,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 23	23	< 27	27	< 28	28	< 22	22	< 30	30	< 24	24
Methyl t-butyl ether (MTBE)	930	100,000	< 9.1	9.1	< 11	11	< 11	11	< 8.8	8.8	< 12	12	< 9.7	9.7
Methylene chloride	50	100,000	< 9.1	9.1	< 11	11	< 11	11	< 8.8	8.8	< 12	12	< 9.7	9.7
Naphthalene			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
n-Butylbenzene	12,000	100,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
n-Propylbenzene	3,900	100,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
o-Xylene	260	100,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
p-Isopropyltoluene			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
sec-Butylbenzene	11,000	100,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Styrene			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
tert-butyl alcohol			-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5,900	100,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Tetrachloroethene	1,300	19,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Tetrahydrofuran (THF)			< 9.1	9.1	< 11	11	< 11	11	< 8.8	8.8	< 12	12	< 9.7	9.7
Toluene	700	100,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
trans-1,2-Dichloroethene	190	100,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
trans-1,3-Dichloropropene			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
trans-1,4-dichloro-2-butene			< 9.1	9.1	< 11	11	< 11	11	< 8.8	8.8	< 12	12	< 9.7	9.7
Trichloroethene	470	21,000	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Trichlorofluoromethane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Trichlorotrifluoroethane			< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Vinyl Chloride	20	900	< 4.5	4.5	< 5.5	5.5	< 5.6	5.6	< 4.4	4.4	< 5.9	5.9	< 4.8	4.8
Total BTEX Concentration			**0**		**0**		**0**		**0**		**0**		**0**	
Total VOCs Concentration			**0**		**0**		**42**		**36**		**0**		**0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

BCG - Below Cellar Grade

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 2
880 Rogers Avenue
Brooklyn, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1		SB2		SB3		SB4		SB5		SB6	
			(3-5) 3/29/2019		(3-5) 3/29/2019		(3-5) 3/29/2019		(3-5) 3/29/2019		(3-5) 3/29/2019		(3-5) 3/29/2019	
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
1,2,4-Trichlorobenzene			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
1,2-Dichlorobenzene			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
1,2-Diphenylhydrazine			< 380	380	< 390	390	< 380	380	< 390	390	< 390	390	< 370	370
1,3-Dichlorobenzene			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
1,4-Dichlorobenzene			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
2,4,5-Trichlorophenol			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
2,4,6-Trichlorophenol			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
2,4-Dichlorophenol			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
2,4-Dimethylphenol			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
2,4-Dinitrophenol			< 380	380	< 390	390	< 380	380	< 390	390	< 390	390	< 370	370
2,4-Dinitrotoluene			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
2,6-Dinitrotoluene			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
2-Chloronaphthalene			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
2-Chlorophenol			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
2-Methylnaphthalene			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
2-Methylphenol (o-cresol)	330	100,000	< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
2-Nitroaniline			< 380	380	< 390	390	< 380	380	< 390	390	< 390	390	< 370	370
2-Nitrophenol			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
3&4-Methylphenol (m&p-cresol)	330	100,000	< 380	380	< 390	390	< 380	380	< 390	390	< 390	390	< 370	370
3,3'-Dichlorobenzidine			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
3-Nitroaniline			< 380	380	< 390	390	< 380	380	< 390	390	< 390	390	< 370	370
4,6-Dinitro-2-methylphenol			< 380	380	< 390	390	< 380	380	< 390	390	< 390	390	< 370	370
4-Bromophenyl phenyl ether			< 380	380	< 390	390	< 380	380	< 390	390	< 390	390	< 370	370
4-Chloro-3-methylphenol			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
4-Chloroaniline			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
4-Chlorophenyl phenyl ether			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
4-Nitroaniline			< 600	600	< 620	620	< 610	610	< 620	620	< 620	620	< 590	590
4-Nitrophenol			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Acenaphthene	20,000	100,000	< 260	260	**350**	270	< 270	270	< 270	270	< 270	270	< 260	260
Acenaphthylene	100,000	100,000	< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	**280**	260
Acetophenone			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Aniline			< 380	380	< 390	390	< 380	380	< 390	390	< 390	390	< 370	370
Anthracene	100,000	100,000	< 260	260	**680**	270	< 270	270	< 270	270	**470**	270	**440**	260
Benz(a)anthracene	1,000	1,000	**1,300**	260	**2,500**	270	< 270	270	< 270	270	**2,700**	270	**4,600**	260
Benzidine			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Benzo(a)pyrene	1,000	1,000	**1,400**	260	**2,800**	270	< 270	270	< 270	270	**2,200**	270	**4,800**	260
Benzo(b)fluoranthene	1,000	1,000	**1,400**	260	**3,000**	270	< 270	270	< 270	270	**2,300**	270	**5,400**	260
Benzo(ghi)perylene	100,000	100,000	**1,100**	260	**2,000**	270	< 270	270	< 270	270	**1,100**	270	**2,900**	260
Benzo(k)fluoranthene	800	3,900	**1,300**	260	**2,500**	270	< 270	270	< 270	270	**2,100**	270	**4,600**	260
Benzoic acid			< 760	760	< 780	780	< 770	770	< 780	780	< 780	780	< 740	740
Benzyl butyl phthalate			**1,800**	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Bis(2-chloroethoxy)methane			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Bis(2-chloroethyl)ether			< 380	380	< 390	390	< 380	380	< 390	390	< 390	390	< 370	370
Bis(2-chloroisopropyl)ether			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Bis(2-ethylhexyl)phthalate			**1,000**	260	**270**	270	< 270	270	< 270	270	< 270	270	< 260	260
Carbazole			< 380	380	**420**	390	< 380	380	< 390	390	< 390	390	< 370	370
Chrysene	1,000	3,900	**1,300**	260	**2,300**	270	< 270	270	< 270	270	**3,000**	270	**5,200**	260
Dibenz(a,h)anthracene	330	330	< 260	260	**480**	270	< 270	270	< 270	270	**340**	270	**700**	260
Dibenzofuran	7,000	59,000	< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Diethyl phthalate			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Dimethylphthalate			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Di-n-butylphthalate			< 380	380	< 390	390	< 380	380	< 390	390	< 390	390	< 370	370
Di-n-octylphthalate			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Fluoranthene	100,000	100,000	**2,300**	260	**4,400**	270	< 270	270	< 270	270	**5,600**	270	**13,000**	2,600
Fluorene	30,000	100,000	< 260	260	**290**	270	< 270	270	< 270	270	< 270	270	< 260	260
Hexachlorobenzene			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Hexachlorobutadiene			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Hexachlorocyclopentadiene			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Hexachloroethane			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Indeno(1,2,3-cd)pyrene	500	500	**1,300**	260	**2,400**	270	< 270	270	**280**	270	**1,500**	270	**3,400**	260
Isophorone			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Naphthalene	12,000	100,000	< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Nitrobenzene			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
N-Nitrosodimethylamine			< 380	380	< 390	390	< 380	380	< 390	390	< 390	390	< 370	370
N-Nitrosodi-n-propylamine			< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
N-Nitrosodiphenylamine			< 380	380	< 390	390	< 380	380	< 390	390	< 390	390	< 370	370
Pentachloronitrobenzene			< 380	380	< 390	390	< 380	380	< 390	390	< 390	390	< 370	370
Pentachlorophenol	800	6,700	< 380	380	< 390	390	< 380	380	< 390	390	< 390	390	< 370	370
Phenanthrene	100,000	100,000	**1,100**	260	**2,700**	270	< 270	270	< 270	270	**2,900**	270	**2,400**	260
Phenol	330	100,000	< 260	260	< 270	270	< 270	270	< 270	270	< 270	270	< 260	260
Pyrene	100,000	100,000	**2,100**	260	**4,000**	270	< 270	270	< 270	270	**4,800**	270	**13,000**	2,600
Pyridine			< 380	380	< 390	390	< 380	380	< 390	390	< 390	390	< 370	370

Notes:

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

TABLE 3
880 Rogers Avenue
Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value ($\mu g/m^3$) [a]	NYSDOH Soil Outdoor Background Levels ($\mu g/m^3$) [b]	SV1 3/29/2019 ($\mu g/m3$)		SV2 3/29/2019 ($\mu g/m3$)		SV3 3/29/2019 ($\mu g/m3$)	
			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	< 0.20	0.20	< 0.20	0.20
1,2,4-Trichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene		<1.0	**1.69**	1.00	**2.75**	1.00	**5.21**	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			**1.28**	1.00	< 1.00	1.00	< 1.00	1.00
1,3,5-Trimethylbenzene		<1.0	< 1.00	1.00	< 1.00	1.00	**1.21**	1.00
1,3-Butadiene		NA	< 1.00	1.00	**3.07**	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	< 1.00	1.00	< 1.00	1.00
4-Ethyltoluene		NA	**1.55**	1.00	**2.49**	1.00	**4.61**	1.00
4-Isopropyltoluene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Methyl-2-pentanone			**2.74**	1.00	**2.67**	1.00	**2.27**	1.00
Acetone		NA	**51.5**	1.00	**63.1**	1.00	**57.9**	1.00
Acrylonitrile			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzene		<1.6 - 4.7	**1.9**	1.00	**2.6**	1.00	**1.54**	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	< 1.00	1.00	**2.57**	1.00	**2.17**	1.00
Carbon Tetrachloride	5	<3.1	**0.35**	0.20	**2.06**	0.20	**0.6**	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	< 1.00	1.00	< 1.00	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	**4.33**	1.00	**14.3**	1.00	< 1.00	1.00
Dibromochloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dichlorodifluromethane		NA	**2.73**	1.00	**2.07**	1.00	**1.71**	1.00
Ethanol			**58.6**	1.00	**64.6**	1.00	**65.3**	1.00
Ethyl Acetate		NA	**6.16**	1.00	< 1.00	1.00	< 1.00	1.00
Ethylbenzene		<4.3	**1.86**	1.00	**5.16**	1.00	**4.6**	1.00
Heptane		NA	**3.23**	1.00	**16.1**	1.00	**11**	1.00
Hexachlorobutadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Hexane		<1.5	**1.04**	1.00	**6.52**	1.00	**1.1**	1.00
Isopropylalcohol		NA	**4.18**	1.00	**4.47**	1.00	**4.05**	1.00
Isopropylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Xylene (m&p)		<4.3	**8.2**	1.00	**21**	1.00	**17.9**	1.00
Methyl Ethyl Ketone			**2.47**	1.00	**4.48**	1.00	**3.27**	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	**2.06**	1.00	**4.47**	1.00	**4.31**	1.00
Propylene		NA	< 1.00	1.00	**13.5**	1.00	< 1.00	1.00
sec-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Styrene		<1.0	< 1.00	1.00	**1.13**	1.00	**6.47**	1.00
Tetrachloroethene	30		**2.12**	0.25	**0.75**	0.25	**0.67**	0.25
Tetrahydrofuran		NA	**7.72**	1.00	< 1.00	1.00	**2.61**	1.00
Toluene		1.0 - 6.1	**7.68**	1.00	**112**	1.00	**48.6**	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	**0.26**	0.20	**0.21**	0.20	< 0.20	0.20
Trichlorofluoromethane		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	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
BTEX			**21.70**		**145.23**		**76.95**	
CVOCs			**2.73**		**3.02**		**1.27**	
Total VOCs			**173.65**		**352.07**		**247.10**	

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)

FIGURES

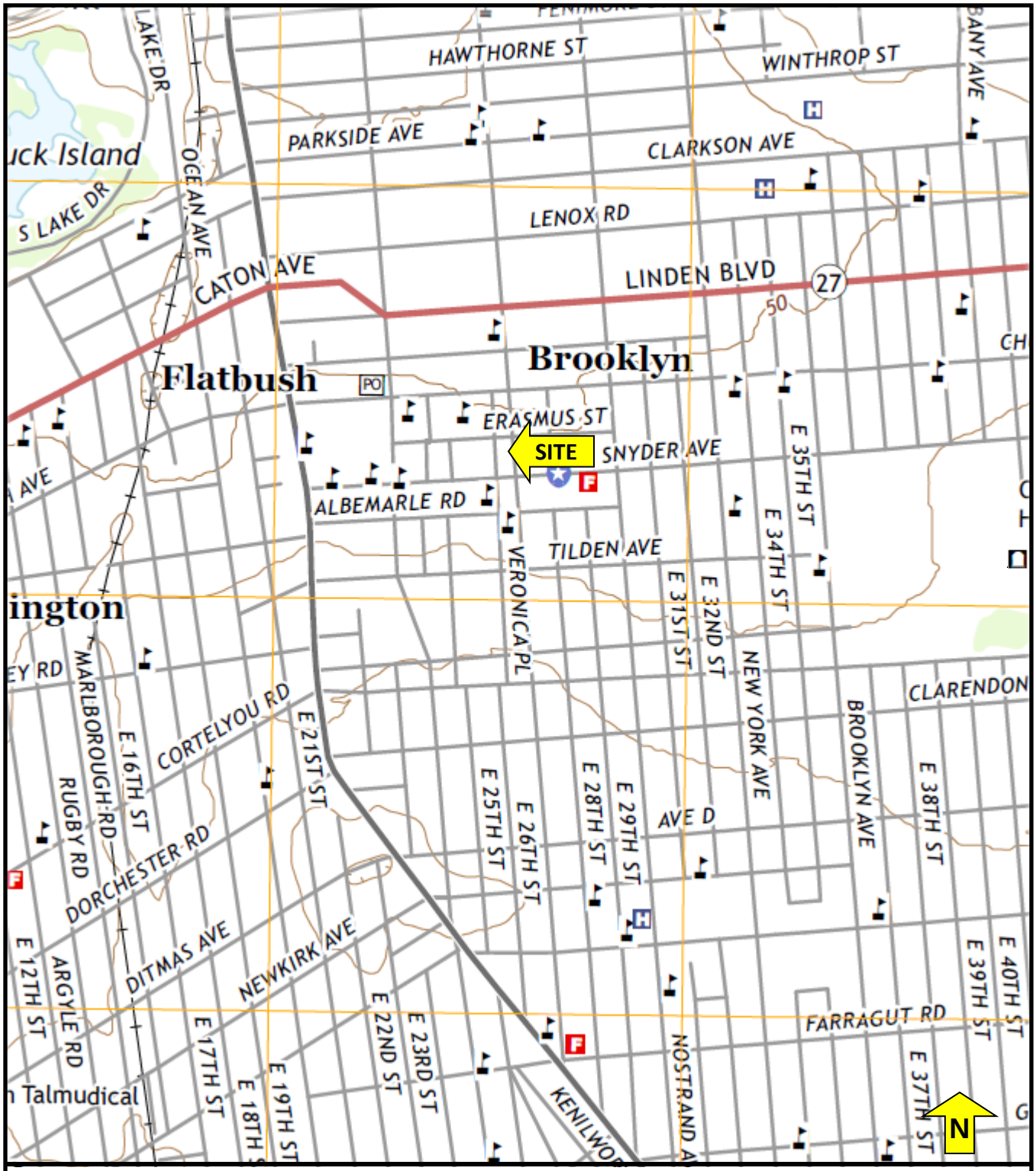

FIGURE 1 – SITE LOCATION MAP

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

SITE NAME: Commercial Property
STREET ADDRESS: 880 Rogers Avenue
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11226

Source: USGS

FIGURE 2 – SOIL BORING AND SAMPLE LOCATION MAP

N

SITE NAME: Commercial Property
STREET ADDRESS: 880 Rogers Avenue
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11226

Source: Google Earth

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

ATTACHMENT A

SOIL BORING LOGS

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

SB1 Boring Log

Location: 20' from the building to the east, 20' from the property boundary along Snyder Ave.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: YBA1901	Address: 880 Rogers Avenue, Brooklyn		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: EBC	Method: Hammer Drill and Hand Auger			Well Specifications
Date Started: 3/29/2019	Date Completed: 3/29/2019			None
Completion Depth: 5 Feet	Geologist Tony Balado			

SB1 (NTS)	DEPTH (ft below cellar grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0				
	to			0.0	1' - Moist black silt 4' - Dry light brown silty sand
	5				**Retained Soil Sample SB1(3-5')*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

SB2 Boring Log

Location: 15' from the northern property boundary and 30' from			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: YBA1901	Address: 880 Rogers Avenue, Brooklyn		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: EBC	Method: Hammer Drill and Hand Auger			Well Specifications
Date Started: 3/29/2019	Date Completed: 3/29/2019			None
Completion Depth: 5 Feet	Geologist Tony Balado			

SB2 (NTS)	DEPTH (ft below cellar grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to			0.0	1' - Moist black silt 4' - Dry light brown silty sand
	5				*Retained Soil Sample SB2(3-5')*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

SB3 Boring Log

Location: 25' from the property boundary along Snyder ave and 11' from the western wall of the building.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: YBA1901	Address: 880 Rogers Avenue, Brooklyn		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: EBC	Method: Hammer Drill and Hand Auger			Well Specifications
Date Started: 3/29/2019	Date Completed: 3/29/2019			None
Completion Depth: 5 Feet	Geologist Tony Balado			

SB3 (NTS)	DEPTH (ft below cellar grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to			0.0	4" - Concrete slab 4' - Dry light brown silty sand
	5				**Retained Soil Sample SB3(3-5')*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

SB4 Boring Log

Location: 30' from the property boundary along Snyder ave and 7' from the eastern wall of the building.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: YBA1901	Address: 880 Rogers Avenue, Brooklyn		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: EBC	Method: Hammer Drill and Hand Auger			Well Specifications
Date Started: 3/29/2019	Date Completed: 3/29/2019			None
Completion Depth: 5 Feet	Geologist Tony Balado			

SB4 (NTS)	DEPTH (ft below cellar grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0				
	to			0.0	4" - Concrete slab 4' - Dry light brown silty sand
	5				*Retained Soil Sample SB4(3-5')*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

SB5 Boring Log

Location: 7' from the rear northern wall of the building and 30' from the eastern property boundary			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: YBA1901	Address: 880 Rogers Avenue, Brooklyn		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: EBC	Method: Hammer Drill and Hand Auger			Well Specifications
Date Started: 3/29/2019	Date Completed: 3/29/2019			None
Completion Depth: 5 Feet	Geologist Tony Balado			

SB5 (NTS)	DEPTH (ft below cellar grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 5			0.0	4" - Concrete slab 4' - Dry light brown silty sand **Retained Soil Sample SB5(3-5')*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

SB6 Boring Log

Location: 7' from the northern wall of the building and 33' from the eastern property boundary			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: YBA1901	Address: 880 Rogers Avenue, Brooklyn		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: EBC	Method: Hammer Drill and Hand Auger			Well Specifications
Date Started: 3/29/2019	Date Completed: 3/29/2019			None
Completion Depth: 5 Feet	Geologist Tony Balado			

SB6 (NTS)	DEPTH (ft below cellar grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to			0.0	4" - Concrete slab 4' - Dry light brown silty sand
	5				**Retained Soil Sample SB6(3-5')*

ATTACHMENT B

LABORATORY ANALYTICAL REPORTS

PHOENIX
Environmental Laboratories, Inc.

Wednesday, April 03, 2019

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

Project ID: 880 ROGERS AVE BROOKLYN
SDG ID: GCC78709
Sample ID#s: CC78709 - CC78714

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

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

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

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

If you 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,

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

NY # 11301

Sample Id Cross Reference

April 03, 2019

SDG I.D.: GCC78709

Project ID: 880 ROGERS AVE BROOKLYN

Client Id	Lab Id	Matrix
SB1 (3-5)	CC78709	SOIL
SB2 (3-5)	CC78710	SOIL
SB3 (3-5)	CC78711	SOIL
SB4 (3-5)	CC78712	SOIL
SB5 (3-5)	CC78713	SOIL
SB6 (3-5)	CC78714	SOIL

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

April 03, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	03/29/19	7:15
Location Code:	EBC	Received by:	SW	04/01/19	15:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC78709
Phoenix ID: CC78709

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB1 (3-5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	88		%		04/01/19	M	SW846-%Solid
Soil Extraction for SVOA	Completed				04/01/19	Q/J/EV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloroethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloroethene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloropropene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dibromoethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichloroethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichloropropane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,3-Dichloropropane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
2,2-Dichloropropane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
2-Chlorotoluene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
2-Hexanone	ND	23	ug/Kg	1	04/02/19	JLI	SW8260C
2-Isopropyltoluene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C 1

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB1 (3-5)

Phoenix I.D.: CC78709

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	23	ug/Kg	1	04/02/19	JLI	SW8260C	
Acetone	ND	23	ug/Kg	1	04/02/19	JLI	SW8260C	
Acrylonitrile	ND	9.1	ug/Kg	1	04/02/19	JLI	SW8260C	
Benzene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromobenzene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromochloromethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromodichloromethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromoform	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromomethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Carbon Disulfide	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Carbon tetrachloride	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Chlorobenzene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloroethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloroform	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloromethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Dibromochloromethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Dibromomethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Ethylbenzene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Hexachlorobutadiene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Isopropylbenzene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
m&p-Xylene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	23	ug/Kg	1	04/02/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	9.1	ug/Kg	1	04/02/19	JLI	SW8260C	
Methylene chloride	ND	9.1	ug/Kg	1	04/02/19	JLI	SW8260C	
Naphthalene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
n-Butylbenzene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
n-Propylbenzene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
o-Xylene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
p-Isopropyltoluene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
sec-Butylbenzene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Styrene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
tert-Butylbenzene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Tetrachloroethene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	9.1	ug/Kg	1	04/02/19	JLI	SW8260C	1
Toluene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Total Xylenes	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	9.1	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichloroethene	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichlorofluoromethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Vinyl chloride	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	1	04/02/19	JLI	70 - 130 %	

Ver 1

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB1 (3-5)

Phoenix I.D.: CC78709

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	96		%	1	04/02/19	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	04/02/19	JLI	70 - 130 %
% Toluene-d8	98		%	1	04/02/19	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	68	ug/kg	1	04/02/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	04/02/19	JLI	70 - 130 %
% Bromofluorobenzene	96		%	1	04/02/19	JLI	70 - 130 %
% Toluene-d8	98		%	1	04/02/19	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	18	ug/Kg	1	04/02/19	JLI	SW8260C
Acrolein	ND	4.5	ug/Kg	1	04/02/19	JLI	SW8260C
Acrylonitrile	ND	18	ug/Kg	1	04/02/19	JLI	SW8260C
Tert-butyl alcohol	ND	91	ug/Kg	1	04/02/19	JLI	SW8260C
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
1,2,4-Trichlorobenzene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
1,2-Dichlorobenzene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
1,2-Diphenylhydrazine	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
1,3-Dichlorobenzene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
1,4-Dichlorobenzene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2,4,5-Trichlorophenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2,4,6-Trichlorophenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dichlorophenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dimethylphenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dinitrophenol	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dinitrotoluene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2,6-Dinitrotoluene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2-Chloronaphthalene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2-Chlorophenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2-Methylnaphthalene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2-Methylphenol (o-cresol)	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2-Nitroaniline	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
2-Nitrophenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
3,3'-Dichlorobenzidine	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
3-Nitroaniline	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
4-Bromophenyl phenyl ether	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
4-Chloro-3-methylphenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
4-Chloroaniline	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
4-Nitroaniline	ND	600	ug/Kg	1	04/02/19	WB	SW8270D
4-Nitrophenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Acenaphthene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Acetophenone	ND	260	ug/Kg	1	04/02/19	WB	SW8270D

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB1 (3-5)

Phoenix I.D.: CC78709

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
Anthracene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Benz(a)anthracene	1300	260	ug/Kg	1	04/02/19	WB	SW8270D
Benzidine	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(a)pyrene	1400	260	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(b)fluoranthene	1400	260	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(ghi)perylene	1100	260	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(k)fluoranthene	1300	260	ug/Kg	1	04/02/19	WB	SW8270D
Benzoic acid	ND	760	ug/Kg	1	04/02/19	WB	SW8270D
Benzyl butyl phthalate	1800	260	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	1000	260	ug/Kg	1	04/02/19	WB	SW8270D
Carbazole	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
Chrysene	1300	260	ug/Kg	1	04/02/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Dibenzofuran	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Diethyl phthalate	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Dimethylphthalate	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Di-n-butylphthalate	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
Di-n-octylphthalate	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Fluoranthene	2300	260	ug/Kg	1	04/02/19	WB	SW8270D
Fluorene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorobenzene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorobutadiene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Hexachloroethane	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	1300	260	ug/Kg	1	04/02/19	WB	SW8270D
Isophorone	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Naphthalene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Nitrobenzene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodimethylamine	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodiphenylamine	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
Pentachloronitrobenzene	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
Pentachlorophenol	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
Phenanthrene	1100	260	ug/Kg	1	04/02/19	WB	SW8270D
Phenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Pyrene	2100	260	ug/Kg	1	04/02/19	WB	SW8270D
Pyridine	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	88		%	1	04/02/19	WB	30 - 130 %
% 2-Fluorobiphenyl	64		%	1	04/02/19	WB	30 - 130 %
% 2-Fluorophenol	60		%	1	04/02/19	WB	30 - 130 %
% Nitrobenzene-d5	80		%	1	04/02/19	WB	30 - 130 %
% Phenol-d5	68		%	1	04/02/19	WB	30 - 130 %
% Terphenyl-d14	67		%	1	04/02/19	WB	30 - 130 %
Field Extraction	Completed				03/29/19		SW5035A

1

Ver 1

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB1 (3-5)

Phoenix I.D.: CC78709

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

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 at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

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

If 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

April 03, 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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 03, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	03/29/19	7:45
Location Code:	EBC	Received by:	SW	04/01/19	15:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC78709
Phoenix ID: CC78710

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB2 (3-5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	84		%		04/01/19	M	SW846-%Solid
Soil Extraction for SVOA	Completed				04/01/19	Q/J/EV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloroethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloroethene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloropropene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dibromoethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichloroethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichloropropane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,3-Dichloropropane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
2,2-Dichloropropane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
2-Chlorotoluene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
2-Hexanone	ND	27	ug/Kg	1	04/02/19	JLI	SW8260C
2-Isopropyltoluene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C

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Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB2 (3-5)

Phoenix I.D.: CC78710

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	27	ug/Kg	1	04/02/19	JLI	SW8260C	
Acetone	ND	27	ug/Kg	1	04/02/19	JLI	SW8260C	
Acrylonitrile	ND	11	ug/Kg	1	04/02/19	JLI	SW8260C	
Benzene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromobenzene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromochloromethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromodichloromethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromoform	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromomethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Carbon Disulfide	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Carbon tetrachloride	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Chlorobenzene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloroethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloroform	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloromethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Dibromochloromethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Dibromomethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Ethylbenzene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Hexachlorobutadiene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Isopropylbenzene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
m&p-Xylene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	27	ug/Kg	1	04/02/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	04/02/19	JLI	SW8260C	
Methylene chloride	ND	11	ug/Kg	1	04/02/19	JLI	SW8260C	
Naphthalene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
n-Butylbenzene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
n-Propylbenzene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
o-Xylene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
p-Isopropyltoluene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
sec-Butylbenzene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Styrene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
tert-Butylbenzene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Tetrachloroethene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	04/02/19	JLI	SW8260C	1
Toluene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Total Xylenes	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichloroethene	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichlorofluoromethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
Vinyl chloride	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	04/02/19	JLI	70 - 130 %	

Ver 1

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB2 (3-5)

Phoenix I.D.: CC78710

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	99		%	1	04/02/19	JLI	70 - 130 %
% Dibromofluoromethane	97		%	1	04/02/19	JLI	70 - 130 %
% Toluene-d8	98		%	1	04/02/19	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	82	ug/kg	1	04/02/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	04/02/19	JLI	70 - 130 %
% Bromofluorobenzene	99		%	1	04/02/19	JLI	70 - 130 %
% Toluene-d8	98		%	1	04/02/19	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	04/02/19	JLI	SW8260C
Acrolein	ND	5.5	ug/Kg	1	04/02/19	JLI	SW8260C
Acrylonitrile	ND	22	ug/Kg	1	04/02/19	JLI	SW8260C
Tert-butyl alcohol	ND	110	ug/Kg	1	04/02/19	JLI	SW8260C
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
1,2,4-Trichlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
1,2-Dichlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
1,2-Diphenylhydrazine	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
1,3-Dichlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
1,4-Dichlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4,5-Trichlorophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4,6-Trichlorophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dichlorophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dimethylphenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dinitrophenol	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dinitrotoluene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,6-Dinitrotoluene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Chloronaphthalene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Chlorophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Methylnaphthalene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Methylphenol (o-cresol)	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Nitroaniline	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
2-Nitrophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
3,3'-Dichlorobenzidine	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
3-Nitroaniline	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
4-Bromophenyl phenyl ether	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
4-Chloro-3-methylphenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
4-Chloroaniline	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
4-Nitroaniline	ND	620	ug/Kg	1	04/02/19	WB	SW8270D
4-Nitrophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Acenaphthene	350	270	ug/Kg	1	04/02/19	WB	SW8270D
Acenaphthylene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Acetophenone	ND	270	ug/Kg	1	04/02/19	WB	SW8270D

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB2 (3-5)

Phoenix I.D.: CC78710

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Anthracene	680	270	ug/Kg	1	04/02/19	WB	SW8270D
Benz(a)anthracene	2500	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzidine	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(a)pyrene	2800	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(b)fluoranthene	3000	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(ghi)perylene	2000	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(k)fluoranthene	2500	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzoic acid	ND	780	ug/Kg	1	04/02/19	WB	SW8270D
Benzyl butyl phthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	270	270	ug/Kg	1	04/02/19	WB	SW8270D
Carbazole	420	390	ug/Kg	1	04/02/19	WB	SW8270D
Chrysene	2300	270	ug/Kg	1	04/02/19	WB	SW8270D
Dibenz(a,h)anthracene	480	270	ug/Kg	1	04/02/19	WB	SW8270D
Dibenzofuran	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Diethyl phthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Dimethylphthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Di-n-butylphthalate	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Di-n-octylphthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Fluoranthene	4400	270	ug/Kg	1	04/02/19	WB	SW8270D
Fluorene	290	270	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorobutadiene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Hexachloroethane	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	2400	270	ug/Kg	1	04/02/19	WB	SW8270D
Isophorone	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Naphthalene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Nitrobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodimethylamine	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodiphenylamine	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Pentachloronitrobenzene	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Pentachlorophenol	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Phenanthrene	2700	270	ug/Kg	1	04/02/19	WB	SW8270D
Phenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Pyrene	4000	270	ug/Kg	1	04/02/19	WB	SW8270D
Pyridine	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	84		%	1	04/02/19	WB	30 - 130 %
% 2-Fluorobiphenyl	68		%	1	04/02/19	WB	30 - 130 %
% 2-Fluorophenol	52		%	1	04/02/19	WB	30 - 130 %
% Nitrobenzene-d5	72		%	1	04/02/19	WB	30 - 130 %
% Phenol-d5	63		%	1	04/02/19	WB	30 - 130 %
% Terphenyl-d14	70		%	1	04/02/19	WB	30 - 130 %
Field Extraction	Completed				03/29/19		SW5035A

1

Ver 1

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

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 at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

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

If 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
April 03, 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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 03, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	03/29/19	11:35
Location Code:	EBC	Received by:	SW	04/01/19	15:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC78709
Phoenix ID: CC78711

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB3 (3-5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	85		%		04/01/19	M	SW846-%Solid
Soil Extraction for SVOA	Completed				04/01/19	Q/J/EV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloroethane	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloroethene	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloropropene	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dibromoethane	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichloroethane	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichloropropane	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,3-Dichloropropane	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
2,2-Dichloropropane	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
2-Chlorotoluene	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
2-Hexanone	ND	28	ug/Kg	1	04/02/19	JLI	SW8260C
2-Isopropyltoluene	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C 1

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB3 (3-5)

Phoenix I.D.: CC78711

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND		28	ug/Kg	1	04/02/19	JLI	SW8260C	
Acetone	42	S	28	ug/Kg	1	04/02/19	JLI	SW8260C	
Acrylonitrile	ND		11	ug/Kg	1	04/02/19	JLI	SW8260C	
Benzene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromobenzene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromochloromethane	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromodichloromethane	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromoform	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromomethane	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Carbon Disulfide	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Carbon tetrachloride	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Chlorobenzene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloroethane	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloroform	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloromethane	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Dibromochloromethane	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Dibromomethane	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Ethylbenzene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Hexachlorobutadiene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Isopropylbenzene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
m&p-Xylene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND		28	ug/Kg	1	04/02/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		11	ug/Kg	1	04/02/19	JLI	SW8260C	
Methylene chloride	ND		11	ug/Kg	1	04/02/19	JLI	SW8260C	
Naphthalene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
n-Butylbenzene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
n-Propylbenzene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
o-Xylene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
p-Isopropyltoluene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
sec-Butylbenzene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Styrene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
tert-Butylbenzene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Tetrachloroethene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		11	ug/Kg	1	04/02/19	JLI	SW8260C	1
Toluene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Total Xylenes	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		11	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichloroethene	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichlorofluoromethane	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
Vinyl chloride	ND		5.6	ug/Kg	1	04/02/19	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	04/02/19	JLI	70 - 130 %	

Ver 1

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB3 (3-5)

Phoenix I.D.: CC78711

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98		%	1	04/02/19	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	04/02/19	JLI	70 - 130 %
% Toluene-d8	98		%	1	04/02/19	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	84	ug/kg	1	04/02/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	04/02/19	JLI	70 - 130 %
% Bromofluorobenzene	98		%	1	04/02/19	JLI	70 - 130 %
% Toluene-d8	98		%	1	04/02/19	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	04/02/19	JLI	SW8260C
Acrolein	ND	5.6	ug/Kg	1	04/02/19	JLI	SW8260C
Acrylonitrile	ND	22	ug/Kg	1	04/02/19	JLI	SW8260C
Tert-butyl alcohol	ND	110	ug/Kg	1	04/02/19	JLI	SW8260C
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
1,2,4-Trichlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
1,2-Dichlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
1,2-Diphenylhydrazine	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
1,3-Dichlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
1,4-Dichlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4,5-Trichlorophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4,6-Trichlorophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dichlorophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dimethylphenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dinitrophenol	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dinitrotoluene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,6-Dinitrotoluene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Chloronaphthalene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Chlorophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Methylnaphthalene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Methylphenol (o-cresol)	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Nitroaniline	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
2-Nitrophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
3,3'-Dichlorobenzidine	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
3-Nitroaniline	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
4-Bromophenyl phenyl ether	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
4-Chloro-3-methylphenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
4-Chloroaniline	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
4-Nitroaniline	ND	610	ug/Kg	1	04/02/19	WB	SW8270D
4-Nitrophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Acenaphthene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Acenaphthylene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Acetophenone	ND	270	ug/Kg	1	04/02/19	WB	SW8270D

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB3 (3-5)

Phoenix I.D.: CC78711

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
Anthracene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Benz(a)anthracene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzidine	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(a)pyrene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(b)fluoranthene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(ghi)perylene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(k)fluoranthene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzoic acid	ND	770	ug/Kg	1	04/02/19	WB	SW8270D
Benzyl butyl phthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Carbazole	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
Chrysene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Dibenzofuran	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Diethyl phthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Dimethylphthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Di-n-butylphthalate	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
Di-n-octylphthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Fluoranthene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Fluorene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorobutadiene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Hexachloroethane	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Isophorone	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Naphthalene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Nitrobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodimethylamine	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodiphenylamine	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
Pentachloronitrobenzene	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
Pentachlorophenol	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
Phenanthrene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Phenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Pyrene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Pyridine	ND	380	ug/Kg	1	04/02/19	WB	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	93		%	1	04/02/19	WB	30 - 130 %
% 2-Fluorobiphenyl	67		%	1	04/02/19	WB	30 - 130 %
% 2-Fluorophenol	64		%	1	04/02/19	WB	30 - 130 %
% Nitrobenzene-d5	75		%	1	04/02/19	WB	30 - 130 %
% Phenol-d5	71		%	1	04/02/19	WB	30 - 130 %
% Terphenyl-d14	71		%	1	04/02/19	WB	30 - 130 %
Field Extraction	Completed				03/29/19		SW5035A

1

Ver 1

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB3 (3-5)

Phoenix I.D.: CC78711

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

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 at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

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

S - Laboratory solvent, contamination is possible.

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

April 03, 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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 03, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	03/29/19	12:35
Location Code:	EBC	Received by:	SW	04/01/19	15:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC78709
Phoenix ID: CC78712

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB4 (3-5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	85		%		04/01/19	M	SW846-%Solid
Soil Extraction for SVOA	Completed				04/01/19	Q/J/EV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloroethane	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloroethene	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloropropene	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dibromoethane	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichloroethane	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichloropropane	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,3-Dichloropropane	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
2,2-Dichloropropane	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
2-Chlorotoluene	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
2-Hexanone	ND	22	ug/Kg	1	04/02/19	JLI	SW8260C
2-Isopropyltoluene	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C 1

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB4 (3-5)

Phoenix I.D.: CC78712

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND		22	ug/Kg	1	04/02/19	JLI	SW8260C	
Acetone	36	S	22	ug/Kg	1	04/02/19	JLI	SW8260C	
Acrylonitrile	ND		8.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Benzene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromobenzene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromochloromethane	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromodichloromethane	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromoform	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromomethane	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Carbon Disulfide	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Carbon tetrachloride	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Chlorobenzene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloroethane	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloroform	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloromethane	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Dibromochloromethane	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Dibromomethane	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Dichlorodifluoromethane	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Ethylbenzene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Hexachlorobutadiene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Isopropylbenzene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
m&p-Xylene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND		22	ug/Kg	1	04/02/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		8.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Methylene chloride	ND		8.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Naphthalene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
n-Butylbenzene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
n-Propylbenzene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
o-Xylene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
p-Isopropyltoluene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
sec-Butylbenzene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Styrene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
tert-Butylbenzene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Tetrachloroethene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		8.8	ug/Kg	1	04/02/19	JLI	SW8260C	1
Toluene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Total Xylenes	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		8.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichloroethene	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichlorofluoromethane	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
Vinyl chloride	ND		4.4	ug/Kg	1	04/02/19	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	04/02/19	JLI	70 - 130 %	

Ver 1

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB4 (3-5)

Phoenix I.D.: CC78712

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98		%	1	04/02/19	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	04/02/19	JLI	70 - 130 %
% Toluene-d8	99		%	1	04/02/19	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	66	ug/kg	1	04/02/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	04/02/19	JLI	70 - 130 %
% Bromofluorobenzene	98		%	1	04/02/19	JLI	70 - 130 %
% Toluene-d8	99		%	1	04/02/19	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	18	ug/Kg	1	04/02/19	JLI	SW8260C
Acrolein	ND	4.4	ug/Kg	1	04/02/19	JLI	SW8260C
Acrylonitrile	ND	18	ug/Kg	1	04/02/19	JLI	SW8260C
Tert-butyl alcohol	ND	88	ug/Kg	1	04/02/19	JLI	SW8260C
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
1,2,4-Trichlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
1,2-Dichlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
1,2-Diphenylhydrazine	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
1,3-Dichlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
1,4-Dichlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4,5-Trichlorophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4,6-Trichlorophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dichlorophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dimethylphenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dinitrophenol	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dinitrotoluene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,6-Dinitrotoluene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Chloronaphthalene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Chlorophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Methylnaphthalene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Methylphenol (o-cresol)	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Nitroaniline	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
2-Nitrophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
3,3'-Dichlorobenzidine	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
3-Nitroaniline	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
4-Bromophenyl phenyl ether	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
4-Chloro-3-methylphenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
4-Chloroaniline	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
4-Nitroaniline	ND	620	ug/Kg	1	04/02/19	WB	SW8270D
4-Nitrophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Acenaphthene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Acenaphthylene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Acetophenone	ND	270	ug/Kg	1	04/02/19	WB	SW8270D

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB4 (3-5)

Phoenix I.D.: CC78712

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Anthracene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Benz(a)anthracene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzidine	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(a)pyrene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(b)fluoranthene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(ghi)perylene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(k)fluoranthene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzoic acid	ND	780	ug/Kg	1	04/02/19	WB	SW8270D
Benzyl butyl phthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Carbazole	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Chrysene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Dibenzofuran	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Diethyl phthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Dimethylphthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Di-n-butylphthalate	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Di-n-octylphthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Fluoranthene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Fluorene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorobutadiene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Hexachloroethane	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	280	270	ug/Kg	1	04/02/19	WB	SW8270D
Isophorone	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Naphthalene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Nitrobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodimethylamine	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodiphenylamine	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Pentachloronitrobenzene	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Pentachlorophenol	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Phenanthrene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Phenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Pyrene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Pyridine	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	86		%	1	04/02/19	WB	30 - 130 %
% 2-Fluorobiphenyl	60		%	1	04/02/19	WB	30 - 130 %
% 2-Fluorophenol	62		%	1	04/02/19	WB	30 - 130 %
% Nitrobenzene-d5	67		%	1	04/02/19	WB	30 - 130 %
% Phenol-d5	67		%	1	04/02/19	WB	30 - 130 %
% Terphenyl-d14	69		%	1	04/02/19	WB	30 - 130 %
Field Extraction	Completed				03/29/19		SW5035A [1]

Ver 1

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

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 at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

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

S - Laboratory solvent, contamination is possible.

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
April 03, 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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 03, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	03/29/19	13:15
Location Code:	EBC	Received by:	SW	04/01/19	15:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC78709
Phoenix ID: CC78713

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB5 (3-5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	85		%		04/01/19	M	SW846-%Solid
Soil Extraction for SVOA	Completed				04/01/19	Q/J/EV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloroethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloroethene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloropropene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dibromoethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichloroethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichloropropane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,3-Dichloropropane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
2,2-Dichloropropane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
2-Chlorotoluene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
2-Hexanone	ND	30	ug/Kg	1	04/02/19	JLI	SW8260C
2-Isopropyltoluene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C 1

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB5 (3-5)

Phoenix I.D.: CC78713

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	30	ug/Kg	1	04/02/19	JLI	SW8260C	
Acetone	ND	30	ug/Kg	1	04/02/19	JLI	SW8260C	
Acrylonitrile	ND	12	ug/Kg	1	04/02/19	JLI	SW8260C	
Benzene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromobenzene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromochloromethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromodichloromethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromoform	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromomethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Carbon Disulfide	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Carbon tetrachloride	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Chlorobenzene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloroethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloroform	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloromethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Dibromochloromethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Dibromomethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Ethylbenzene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Hexachlorobutadiene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Isopropylbenzene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
m&p-Xylene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	30	ug/Kg	1	04/02/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	04/02/19	JLI	SW8260C	
Methylene chloride	ND	12	ug/Kg	1	04/02/19	JLI	SW8260C	
Naphthalene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
n-Butylbenzene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
n-Propylbenzene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
o-Xylene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
p-Isopropyltoluene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
sec-Butylbenzene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Styrene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
tert-Butylbenzene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Tetrachloroethene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	04/02/19	JLI	SW8260C	1
Toluene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Total Xylenes	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichloroethene	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichlorofluoromethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
Vinyl chloride	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	04/02/19	JLI	70 - 130 %	

Ver 1

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB5 (3-5)

Phoenix I.D.: CC78713

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	99		%	1	04/02/19	JLI	70 - 130 %
% Dibromofluoromethane	97		%	1	04/02/19	JLI	70 - 130 %
% Toluene-d8	98		%	1	04/02/19	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	89	ug/kg	1	04/02/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	04/02/19	JLI	70 - 130 %
% Bromofluorobenzene	99		%	1	04/02/19	JLI	70 - 130 %
% Toluene-d8	98		%	1	04/02/19	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	24	ug/Kg	1	04/02/19	JLI	SW8260C
Acrolein	ND	5.9	ug/Kg	1	04/02/19	JLI	SW8260C
Acrylonitrile	ND	24	ug/Kg	1	04/02/19	JLI	SW8260C
Tert-butyl alcohol	ND	120	ug/Kg	1	04/02/19	JLI	SW8260C
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
1,2,4-Trichlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
1,2-Dichlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
1,2-Diphenylhydrazine	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
1,3-Dichlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
1,4-Dichlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4,5-Trichlorophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4,6-Trichlorophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dichlorophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dimethylphenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dinitrophenol	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dinitrotoluene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2,6-Dinitrotoluene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Chloronaphthalene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Chlorophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Methylnaphthalene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Methylphenol (o-cresol)	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
2-Nitroaniline	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
2-Nitrophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
3,3'-Dichlorobenzidine	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
3-Nitroaniline	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
4-Bromophenyl phenyl ether	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
4-Chloro-3-methylphenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
4-Chloroaniline	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
4-Nitroaniline	ND	620	ug/Kg	1	04/02/19	WB	SW8270D
4-Nitrophenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Acenaphthene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Acenaphthylene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Acetophenone	ND	270	ug/Kg	1	04/02/19	WB	SW8270D

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB5 (3-5)

Phoenix I.D.: CC78713

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Anthracene	470	270	ug/Kg	1	04/02/19	WB	SW8270D
Benz(a)anthracene	2700	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzidine	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(a)pyrene	2200	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(b)fluoranthene	2300	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(ghi)perylene	1100	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(k)fluoranthene	2100	270	ug/Kg	1	04/02/19	WB	SW8270D
Benzoic acid	ND	780	ug/Kg	1	04/02/19	WB	SW8270D
Benzyl butyl phthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Carbazole	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Chrysene	3000	270	ug/Kg	1	04/02/19	WB	SW8270D
Dibenz(a,h)anthracene	340	270	ug/Kg	1	04/02/19	WB	SW8270D
Dibenzofuran	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Diethyl phthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Dimethylphthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Di-n-butylphthalate	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Di-n-octylphthalate	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Fluoranthene	5600	270	ug/Kg	1	04/02/19	WB	SW8270D
Fluorene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorobutadiene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Hexachloroethane	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	1500	270	ug/Kg	1	04/02/19	WB	SW8270D
Isophorone	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Naphthalene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Nitrobenzene	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodimethylamine	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodiphenylamine	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Pentachloronitrobenzene	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Pentachlorophenol	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
Phenanthrene	2900	270	ug/Kg	1	04/02/19	WB	SW8270D
Phenol	ND	270	ug/Kg	1	04/02/19	WB	SW8270D
Pyrene	4800	270	ug/Kg	1	04/02/19	WB	SW8270D
Pyridine	ND	390	ug/Kg	1	04/02/19	WB	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	92		%	1	04/02/19	WB	30 - 130 %
% 2-Fluorobiphenyl	68		%	1	04/02/19	WB	30 - 130 %
% 2-Fluorophenol	64		%	1	04/02/19	WB	30 - 130 %
% Nitrobenzene-d5	72		%	1	04/02/19	WB	30 - 130 %
% Phenol-d5	69		%	1	04/02/19	WB	30 - 130 %
% Terphenyl-d14	73		%	1	04/02/19	WB	30 - 130 %
Field Extraction	Completed				03/29/19		SW5035A

1

Ver 1

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

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 at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

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

If 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
April 03, 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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 03, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TB	03/29/19	10:45
Location Code:	EBC	Received by:	SW	04/01/19	15:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC78709
Phoenix ID: CC78714

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB6 (3-5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	88		%		04/01/19	M	SW846-%Solid
Soil Extraction for SVOA	Completed				04/01/19	Q/J/EV	SW3545A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloroethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloroethene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,1-Dichloropropene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dibromoethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichloroethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,2-Dichloropropane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,3-Dichloropropane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
2,2-Dichloropropane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
2-Chlorotoluene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
2-Hexanone	ND	24	ug/Kg	1	04/02/19	JLI	SW8260C
2-Isopropyltoluene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C 1

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB6 (3-5)

Phoenix I.D.: CC78714

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	24	ug/Kg	1	04/02/19	JLI	SW8260C	
Acetone	ND	24	ug/Kg	1	04/02/19	JLI	SW8260C	
Acrylonitrile	ND	9.7	ug/Kg	1	04/02/19	JLI	SW8260C	
Benzene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromobenzene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromochloromethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromodichloromethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromoform	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Bromomethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Carbon Disulfide	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Carbon tetrachloride	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Chlorobenzene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloroethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloroform	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Chloromethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Dibromochloromethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Dibromomethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Ethylbenzene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Hexachlorobutadiene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Isopropylbenzene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
m&p-Xylene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	24	ug/Kg	1	04/02/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	9.7	ug/Kg	1	04/02/19	JLI	SW8260C	
Methylene chloride	ND	9.7	ug/Kg	1	04/02/19	JLI	SW8260C	
Naphthalene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
n-Butylbenzene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
n-Propylbenzene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
o-Xylene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
p-Isopropyltoluene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
sec-Butylbenzene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Styrene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
tert-Butylbenzene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Tetrachloroethene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	9.7	ug/Kg	1	04/02/19	JLI	SW8260C	1
Toluene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Total Xylenes	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	9.7	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichloroethene	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichlorofluoromethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
Vinyl chloride	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	04/02/19	JLI	70 - 130 %	

Ver 1

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB6 (3-5)

Phoenix I.D.: CC78714

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98		%	1	04/02/19	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	04/02/19	JLI	70 - 130 %
% Toluene-d8	98		%	1	04/02/19	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	72	ug/kg	1	04/02/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	04/02/19	JLI	70 - 130 %
% Bromofluorobenzene	98		%	1	04/02/19	JLI	70 - 130 %
% Toluene-d8	98		%	1	04/02/19	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	19	ug/Kg	1	04/02/19	JLI	SW8260C
Acrolein	ND	4.8	ug/Kg	1	04/02/19	JLI	SW8260C
Acrylonitrile	ND	19	ug/Kg	1	04/02/19	JLI	SW8260C
Tert-butyl alcohol	ND	97	ug/Kg	1	04/02/19	JLI	SW8260C
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
1,2,4-Trichlorobenzene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
1,2-Dichlorobenzene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
1,2-Diphenylhydrazine	ND	370	ug/Kg	1	04/02/19	WB	SW8270D
1,3-Dichlorobenzene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
1,4-Dichlorobenzene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2,4,5-Trichlorophenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2,4,6-Trichlorophenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dichlorophenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dimethylphenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dinitrophenol	ND	370	ug/Kg	1	04/02/19	WB	SW8270D
2,4-Dinitrotoluene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2,6-Dinitrotoluene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2-Chloronaphthalene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2-Chlorophenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2-Methylnaphthalene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2-Methylphenol (o-cresol)	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
2-Nitroaniline	ND	370	ug/Kg	1	04/02/19	WB	SW8270D
2-Nitrophenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	1	04/02/19	WB	SW8270D
3,3'-Dichlorobenzidine	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
3-Nitroaniline	ND	370	ug/Kg	1	04/02/19	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	370	ug/Kg	1	04/02/19	WB	SW8270D
4-Bromophenyl phenyl ether	ND	370	ug/Kg	1	04/02/19	WB	SW8270D
4-Chloro-3-methylphenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
4-Chloroaniline	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
4-Nitroaniline	ND	590	ug/Kg	1	04/02/19	WB	SW8270D
4-Nitrophenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Acenaphthene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Acenaphthylene	280	260	ug/Kg	1	04/02/19	WB	SW8270D
Acetophenone	ND	260	ug/Kg	1	04/02/19	WB	SW8270D

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB6 (3-5)

Phoenix I.D.: CC78714

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aniline	ND	370	ug/Kg	1	04/02/19	WB	SW8270D
Anthracene	440	260	ug/Kg	1	04/02/19	WB	SW8270D
Benz(a)anthracene	4600	260	ug/Kg	1	04/02/19	WB	SW8270D
Benzidine	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(a)pyrene	4800	260	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(b)fluoranthene	5400	260	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(ghi)perylene	2900	260	ug/Kg	1	04/02/19	WB	SW8270D
Benzo(k)fluoranthene	4600	260	ug/Kg	1	04/02/19	WB	SW8270D
Benzoic acid	ND	740	ug/Kg	1	04/02/19	WB	SW8270D
Benzyl butyl phthalate	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	370	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Carbazole	ND	370	ug/Kg	1	04/02/19	WB	SW8270D
Chrysene	5200	260	ug/Kg	1	04/02/19	WB	SW8270D
Dibenz(a,h)anthracene	700	260	ug/Kg	1	04/02/19	WB	SW8270D
Dibenzofuran	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Diethyl phthalate	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Dimethylphthalate	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Di-n-butylphthalate	ND	370	ug/Kg	1	04/02/19	WB	SW8270D
Di-n-octylphthalate	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Fluoranthene	13000	2600	ug/Kg	10	04/02/19	WB	SW8270D
Fluorene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorobenzene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorobutadiene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Hexachloroethane	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	3400	260	ug/Kg	1	04/02/19	WB	SW8270D
Isophorone	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Naphthalene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Nitrobenzene	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodimethylamine	ND	370	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
N-Nitrosodiphenylamine	ND	370	ug/Kg	1	04/02/19	WB	SW8270D
Pentachloronitrobenzene	ND	370	ug/Kg	1	04/02/19	WB	SW8270D
Pentachlorophenol	ND	370	ug/Kg	1	04/02/19	WB	SW8270D
Phenanthrene	2400	260	ug/Kg	1	04/02/19	WB	SW8270D
Phenol	ND	260	ug/Kg	1	04/02/19	WB	SW8270D
Pyrene	13000	2600	ug/Kg	10	04/02/19	WB	SW8270D
Pyridine	ND	370	ug/Kg	1	04/02/19	WB	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	75		%	1	04/02/19	WB	30 - 130 %
% 2-Fluorobiphenyl	58		%	1	04/02/19	WB	30 - 130 %
% 2-Fluorophenol	45		%	1	04/02/19	WB	30 - 130 %
% Nitrobenzene-d5	60		%	1	04/02/19	WB	30 - 130 %
% Phenol-d5	54		%	1	04/02/19	WB	30 - 130 %
% Terphenyl-d14	57		%	1	04/02/19	WB	30 - 130 %
% 2,4,6-Tribromophenol (10x)	Diluted Out		%	10	04/02/19	WB	30 - 130 %

Ver 1

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SB6 (3-5)

Phoenix I.D.: CC78714

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% 2-Fluorobiphenyl (10x)	Diluted Out		%	10	04/02/19	WB	30 - 130 %	
% 2-Fluorophenol (10x)	Diluted Out		%	10	04/02/19	WB	30 - 130 %	
% Nitrobenzene-d5 (10x)	Diluted Out		%	10	04/02/19	WB	30 - 130 %	
% Phenol-d5 (10x)	Diluted Out		%	10	04/02/19	WB	30 - 130 %	
% Terphenyl-d14 (10x)	Diluted Out		%	10	04/02/19	WB	30 - 130 %	
Field Extraction	Completed				03/29/19		SW5035A	1

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 at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

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

If 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

April 03, 2019

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

April 03, 2019

QA/QC Data

SDG I.D.: GCC78709

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 472672 (ug/kg), QC Sample No: CC78678 (CC78709, CC78710, CC78711, CC78712, CC78713, CC78714)											
Semivolatiles - Soil											
1,2,4,5-Tetrachlorobenzene	ND	230	61	66	7.9	64	56	13.3	30 - 130	30	
1,2,4-Trichlorobenzene	ND	230	59	61	3.3	62	53	15.7	30 - 130	30	
1,2-Dichlorobenzene	ND	180	52	56	7.4	58	47	21.0	30 - 130	30	
1,2-Diphenylhydrazine	ND	230	65	70	7.4	62	59	5.0	30 - 130	30	
1,3-Dichlorobenzene	ND	230	49	54	9.7	55	44	22.2	30 - 130	30	
1,4-Dichlorobenzene	ND	230	50	54	7.7	55	45	20.0	30 - 130	30	
2,4,5-Trichlorophenol	ND	230	77	83	7.5	74	72	2.7	30 - 130	30	
2,4,6-Trichlorophenol	ND	130	78	86	9.8	78	74	5.3	30 - 130	30	
2,4-Dichlorophenol	ND	130	72	77	6.7	75	67	11.3	30 - 130	30	
2,4-Dimethylphenol	ND	230	77	82	6.3	78	69	12.2	30 - 130	30	
2,4-Dinitrophenol	ND	230	12	19	45.2	79	74	6.5	30 - 130	30	l,r
2,4-Dinitrotoluene	ND	130	71	82	14.4	82	76	7.6	30 - 130	30	
2,6-Dinitrotoluene	ND	130	72	84	15.4	80	74	7.8	30 - 130	30	
2-Chloronaphthalene	ND	230	66	71	7.3	63	59	6.6	30 - 130	30	
2-Chlorophenol	ND	230	65	72	10.2	77	60	24.8	30 - 130	30	
2-Methylnaphthalene	ND	230	63	66	4.7	65	56	14.9	30 - 130	30	
2-Methylphenol (o-cresol)	ND	230	66	75	12.8	78	61	24.5	30 - 130	30	
2-Nitroaniline	ND	330	87	97	10.9	108	98	9.7	30 - 130	30	
2-Nitrophenol	ND	230	76	89	15.8	98	84	15.4	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230	70	80	13.3	84	66	24.0	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	74	82	10.3	78	72	8.0	30 - 130	30	
3-Nitroaniline	ND	330	93	103	10.2	104	98	5.9	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	31	44	34.7	101	87	14.9	30 - 130	30	r
4-Bromophenyl phenyl ether	ND	230	75	79	5.2	69	65	6.0	30 - 130	30	
4-Chloro-3-methylphenol	ND	230	80	87	8.4	84	74	12.7	30 - 130	30	
4-Chloroaniline	ND	230	71	73	2.8	67	61	9.4	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	70	76	8.2	66	63	4.7	30 - 130	30	
4-Nitroaniline	ND	230	73	85	15.2	80	73	9.2	30 - 130	30	
4-Nitrophenol	ND	230	72	82	13.0	75	73	2.7	30 - 130	30	
Acenaphthene	ND	230	69	74	7.0	64	61	4.8	30 - 130	30	
Acenaphthylene	ND	130	69	75	8.3	66	63	4.7	30 - 130	30	
Acetophenone	ND	230	57	63	10.0	67	51	27.1	30 - 130	30	
Aniline	ND	330	54	59	8.8	56	46	19.6	30 - 130	30	
Anthracene	ND	230	72	77	6.7	65	63	3.1	30 - 130	30	
Benz(a)anthracene	ND	230	76	82	7.6	68	65	4.5	30 - 130	30	
Benzidine	ND	330	12	11	8.7	<10	<10	NC	30 - 130	30	l,m
Benzo(a)pyrene	ND	130	68	74	8.5	59	56	5.2	30 - 130	30	
Benzo(b)fluoranthene	ND	160	81	87	7.1	73	67	8.6	30 - 130	30	
Benzo(ghi)perylene	ND	230	73	79	7.9	56	45	21.8	30 - 130	30	
Benzo(k)fluoranthene	ND	230	79	84	6.1	66	63	4.7	30 - 130	30	
Benzoic Acid	ND	330	<10	<10	NC	56	64	13.3	30 - 130	30	l

QA/QC Data

SDG I.D.: GCC78709

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Benzyl butyl phthalate	ND	230	78	86	9.8	81	79	2.5	30 - 130	30
Bis(2-chloroethoxy)methane	ND	230	66	70	5.9	67	57	16.1	30 - 130	30
Bis(2-chloroethyl)ether	ND	130	57	62	8.4	63	49	25.0	30 - 130	30
Bis(2-chloroisopropyl)ether	ND	230	51	54	5.7	58	44	27.5	30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	230	80	87	8.4	82	79	3.7	30 - 130	30
Carbazole	ND	230	73	79	7.9	67	64	4.6	30 - 130	30
Chrysene	ND	230	73	79	7.9	64	62	3.2	30 - 130	30
Dibenz(a,h)anthracene	ND	130	76	85	11.2	69	54	24.4	30 - 130	30
Dibenzofuran	ND	230	67	73	8.6	63	60	4.9	30 - 130	30
Diethyl phthalate	ND	230	75	80	6.5	69	67	2.9	30 - 130	30
Dimethylphthalate	ND	230	74	79	6.5	69	65	6.0	30 - 130	30
Di-n-butylphthalate	ND	670	85	91	6.8	79	77	2.6	30 - 130	30
Di-n-octylphthalate	ND	230	81	89	9.4	94	91	3.2	30 - 130	30
Fluoranthene	ND	230	75	82	8.9	66	64	3.1	30 - 130	30
Fluorene	ND	230	72	76	5.4	66	64	3.1	30 - 130	30
Hexachlorobenzene	ND	130	72	79	9.3	65	61	6.3	30 - 130	30
Hexachlorobutadiene	ND	230	59	61	3.3	60	51	16.2	30 - 130	30
Hexachlorocyclopentadiene	ND	230	58	64	9.8	44	38	14.6	30 - 130	30
Hexachloroethane	ND	130	52	55	5.6	56	46	19.6	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	69	77	11.0	56	46	19.6	30 - 130	30
Isophorone	ND	130	63	66	4.7	63	54	15.4	30 - 130	30
Naphthalene	ND	230	59	62	5.0	62	54	13.8	30 - 130	30
Nitrobenzene	ND	130	62	72	14.9	79	60	27.3	30 - 130	30
N-Nitrosodimethylamine	ND	230	49	55	11.5	53	44	18.6	30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	67	75	11.3	77	59	26.5	30 - 130	30
N-Nitrosodiphenylamine	ND	130	71	76	6.8	65	63	3.1	30 - 130	30
Pentachloronitrobenzene	ND	230	70	79	12.1	70	67	4.4	30 - 130	30
Pentachlorophenol	ND	230	79	96	19.4	91	93	2.2	30 - 130	30
Phenanthrene	ND	130	69	74	7.0	62	60	3.3	30 - 130	30
Phenol	ND	230	68	75	9.8	79	62	24.1	30 - 130	30
Pyrene	ND	230	76	83	8.8	66	66	0.0	30 - 130	30
Pyridine	ND	230	35	38	8.2	35	32	9.0	30 - 130	30
% 2,4,6-Tribromophenol	68	%	82	89	8.2	80	78	2.5	30 - 130	30
% 2-Fluorobiphenyl	66	%	64	68	6.1	60	57	5.1	30 - 130	30
% 2-Fluorophenol	62	%	60	66	9.5	69	53	26.2	30 - 130	30
% Nitrobenzene-d5	63	%	61	69	12.3	79	61	25.7	30 - 130	30
% Phenol-d5	66	%	64	70	9.0	74	59	22.6	30 - 130	30
% Terphenyl-d14	69	%	68	73	7.1	61	59	3.3	30 - 130	30

Comment:

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

QA/QC Batch 472810 (ug/kg), QC Sample No: CC78517 (CC78709, CC78710, CC78711, CC78712, CC78713, CC78714)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	5.0	98	96	2.1	105	103	1.9	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	100	99	1.0	106	106	0.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	93	93	0.0	96	98	2.1	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	88	87	1.1	95	96	1.0	70 - 130	30
1,1-Dichloroethane	ND	5.0	120	118	1.7	126	125	0.8	70 - 130	30
1,1-Dichloroethene	ND	5.0	97	96	1.0	90	89	1.1	70 - 130	30
1,1-Dichloropropene	ND	5.0	101	99	2.0	106	105	0.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	93	91	2.2	95	99	4.1	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	90	89	1.1	93	91	2.2	70 - 130	30

QA/QC Data

SDG I.D.: GCC78709

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2,4-Trichlorobenzene	ND	5.0	99	94	5.2	101	105	3.9	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	99	96	3.1	106	106	0.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	92	95	3.2	93	95	2.1	70 - 130	30	
1,2-Dibromoethane	ND	5.0	91	90	1.1	98	97	1.0	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	94	91	3.2	101	103	2.0	70 - 130	30	
1,2-Dichloroethane	ND	5.0	90	89	1.1	100	101	1.0	70 - 130	30	
1,2-Dichloropropane	ND	5.0	92	91	1.1	100	99	1.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	101	98	3.0	107	107	0.0	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	98	93	5.2	104	105	1.0	70 - 130	30	
1,3-Dichloropropane	ND	5.0	89	88	1.1	97	97	0.0	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	96	92	4.3	102	103	1.0	70 - 130	30	
1,4-dioxane	ND	100	111	112	0.9	133	138	3.7	70 - 130	30	m
2,2-Dichloropropane	ND	5.0	101	102	1.0	106	109	2.8	70 - 130	30	
2-Chlorotoluene	ND	5.0	100	96	4.1	104	104	0.0	70 - 130	30	
2-Hexanone	ND	25	94	96	2.1	94	98	4.2	70 - 130	30	
2-Isopropyltoluene	ND	5.0	116	113	2.6	124	124	0.0	70 - 130	30	
4-Chlorotoluene	ND	5.0	98	94	4.2	103	104	1.0	70 - 130	30	
4-Methyl-2-pentanone	ND	25	96	99	3.1	100	103	3.0	70 - 130	30	
Acetone	ND	10	80	79	1.3	70	74	5.6	70 - 130	30	
Acrolein	ND	25	96	96	0.0	86	87	1.2	70 - 130	30	
Acrylonitrile	ND	5.0	127	131	3.1	135	138	2.2	70 - 130	30	l,m
Benzene	ND	1.0	94	93	1.1	101	101	0.0	70 - 130	30	
Bromobenzene	ND	5.0	94	92	2.2	100	101	1.0	70 - 130	30	
Bromochloromethane	ND	5.0	94	93	1.1	99	98	1.0	70 - 130	30	
Bromodichloromethane	ND	5.0	98	96	2.1	103	104	1.0	70 - 130	30	
Bromoform	ND	5.0	101	100	1.0	100	102	2.0	70 - 130	30	
Bromomethane	ND	5.0	114	112	1.8	119	75	45.4	70 - 130	30	r
Carbon Disulfide	ND	5.0	113	111	1.8	101	100	1.0	70 - 130	30	
Carbon tetrachloride	ND	5.0	88	87	1.1	92	90	2.2	70 - 130	30	
Chlorobenzene	ND	5.0	95	93	2.1	102	103	1.0	70 - 130	30	
Chloroethane	ND	5.0	119	110	7.9	134	134	0.0	70 - 130	30	m
Chloroform	ND	5.0	96	95	1.0	103	103	0.0	70 - 130	30	
Chloromethane	ND	5.0	113	112	0.9	118	116	1.7	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	97	95	2.1	104	103	1.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	94	93	1.1	100	101	1.0	70 - 130	30	
Dibromochloromethane	ND	3.0	102	100	2.0	108	107	0.9	70 - 130	30	
Dibromomethane	ND	5.0	91	90	1.1	96	97	1.0	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	143	141	1.4	146	147	0.7	70 - 130	30	l,m
Ethylbenzene	ND	1.0	99	97	2.0	105	105	0.0	70 - 130	30	
Hexachlorobutadiene	ND	5.0	111	108	2.7	116	118	1.7	70 - 130	30	
Isopropylbenzene	ND	1.0	102	98	4.0	105	106	0.9	70 - 130	30	
m&p-Xylene	ND	2.0	98	96	2.1	106	105	0.9	70 - 130	30	
Methyl ethyl ketone	ND	5.0	86	94	8.9	97	101	4.0	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	89	88	1.1	94	97	3.1	70 - 130	30	
Methylene chloride	ND	5.0	79	77	2.6	83	87	4.7	70 - 130	30	
Naphthalene	ND	5.0	92	91	1.1	91	99	8.4	70 - 130	30	
n-Butylbenzene	ND	1.0	108	105	2.8	115	116	0.9	70 - 130	30	
n-Propylbenzene	ND	1.0	104	101	2.9	108	108	0.0	70 - 130	30	
o-Xylene	ND	2.0	98	96	2.1	105	106	0.9	70 - 130	30	
p-Isopropyltoluene	ND	1.0	106	103	2.9	112	112	0.0	70 - 130	30	
sec-Butylbenzene	ND	1.0	111	107	3.7	117	117	0.0	70 - 130	30	
Styrene	ND	5.0	97	95	2.1	105	105	0.0	70 - 130	30	
tert-butyl alcohol	ND	100	91	91	0.0	114	112	1.8	70 - 130	30	

QA/QC Data

SDG I.D.: GCC78709

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
tert-Butylbenzene	ND	1.0	103	101	2.0	109	110	0.9	70 - 130	30
Tetrachloroethene	ND	5.0	99	98	1.0	105	106	0.9	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	95	97	2.1	99	102	3.0	70 - 130	30
Toluene	ND	1.0	95	93	2.1	101	101	0.0	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	96	93	3.2	98	100	2.0	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	92	92	0.0	97	99	2.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	112	113	0.9	113	116	2.6	70 - 130	30
Trichloroethene	ND	5.0	97	96	1.0	103	103	0.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	126	123	2.4	128	126	1.6	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	119	117	1.7	114	113	0.9	70 - 130	30
Vinyl chloride	ND	5.0	119	118	0.8	127	128	0.8	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	100	100	0.0	99	99	0.0	70 - 130	30
% Bromofluorobenzene	98	%	99	99	0.0	100	100	0.0	70 - 130	30
% Dibromofluoromethane	100	%	100	100	0.0	98	98	0.0	70 - 130	30
% Toluene-d8	98	%	99	99	0.0	100	99	1.0	70 - 130	30

Comment:

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

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

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

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

Phyllis Shiller, Laboratory Director
April 03, 2019

Wednesday, April 03, 2019

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GCC78709 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CC78709	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1300	260	1000	1000	ug/Kg
CC78709	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1300	260	1000	1000	ug/Kg
CC78709	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1300	260	500	500	ug/Kg
CC78709	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1300	260	1000	1000	ug/Kg
CC78709	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1300	260	1000	1000	ug/Kg
CC78709	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1400	260	1000	1000	ug/Kg
CC78709	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1300	260	1000	1000	ug/Kg
CC78709	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1400	260	1000	1000	ug/Kg
CC78709	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1300	260	1000	1000	ug/Kg
CC78709	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1300	260	500	500	ug/Kg
CC78709	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1400	260	1000	1000	ug/Kg
CC78709	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1400	260	1000	1000	ug/Kg
CC78709	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	260	1000	1000	ug/Kg
CC78709	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	260	800	800	ug/Kg
CC78709	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	260	1000	1000	ug/Kg
CC78709	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	260	1000	1000	ug/Kg
CC78709	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	260	1000	1000	ug/Kg
CC78709	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	260	500	500	ug/Kg
CC78710	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2300	270	1000	1000	ug/Kg
CC78710	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2500	270	1000	1000	ug/Kg
CC78710	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2500	270	1700	1700	ug/Kg
CC78710	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	3000	270	1700	1700	ug/Kg
CC78710	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	480	270	330	330	ug/Kg
CC78710	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2300	270	1000	1000	ug/Kg
CC78710	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2500	270	1000	1000	ug/Kg
CC78710	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	2400	270	500	500	ug/Kg
CC78710	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2500	270	1000	1000	ug/Kg
CC78710	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3000	270	1000	1000	ug/Kg
CC78710	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	2800	270	1000	1000	ug/Kg
CC78710	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2500	270	1000	1000	ug/Kg
CC78710	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	3000	270	1000	1000	ug/Kg
CC78710	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2400	270	500	500	ug/Kg
CC78710	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2800	270	1000	1000	ug/Kg
CC78710	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	480	270	330	330	ug/Kg
CC78710	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2300	270	1000	1000	ug/Kg
CC78710	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2500	270	1000	1000	ug/Kg
CC78710	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2500	270	800	800	ug/Kg
CC78710	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2800	270	1000	1000	ug/Kg
CC78710	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2400	270	500	500	ug/Kg
CC78710	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3000	270	1000	1000	ug/Kg
CC78710	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	480	270	330	330	ug/Kg

Wednesday, April 03, 2019

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GCC78709 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CC78713	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2700	270	1000	1000	ug/Kg
CC78713	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2300	270	1700	1700	ug/Kg
CC78713	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2100	270	1700	1700	ug/Kg
CC78713	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	3000	270	1000	1000	ug/Kg
CC78713	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1500	270	500	500	ug/Kg
CC78713	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2100	270	1000	1000	ug/Kg
CC78713	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2700	270	1000	1000	ug/Kg
CC78713	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	3000	270	1000	1000	ug/Kg
CC78713	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	2200	270	1000	1000	ug/Kg
CC78713	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	340	270	330	330	ug/Kg
CC78713	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2300	270	1000	1000	ug/Kg
CC78713	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	340	270	330	330	ug/Kg
CC78713	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2700	270	1000	1000	ug/Kg
CC78713	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1500	270	500	500	ug/Kg
CC78713	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	2300	270	1000	1000	ug/Kg
CC78713	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2200	270	1000	1000	ug/Kg
CC78713	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2200	270	1000	1000	ug/Kg
CC78713	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2300	270	1000	1000	ug/Kg
CC78713	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	270	800	800	ug/Kg
CC78713	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3000	270	1000	1000	ug/Kg
CC78713	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2700	270	1000	1000	ug/Kg
CC78713	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	270	500	500	ug/Kg
CC78713	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	340	270	330	330	ug/Kg
CC78714	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4600	260	1000	1000	ug/Kg
CC78714	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	5400	260	1700	1700	ug/Kg
CC78714	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4600	260	1700	1700	ug/Kg
CC78714	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	5200	260	1000	1000	ug/Kg
CC78714	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	5200	260	1000	1000	ug/Kg
CC78714	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	5400	260	1000	1000	ug/Kg
CC78714	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4600	260	1000	1000	ug/Kg
CC78714	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	700	260	330	330	ug/Kg
CC78714	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	4800	260	1000	1000	ug/Kg
CC78714	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	4600	260	1000	1000	ug/Kg
CC78714	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	3400	260	500	500	ug/Kg
CC78714	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	5200	260	3900	3900	ug/Kg
CC78714	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	700	260	330	330	ug/Kg
CC78714	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	3400	260	500	500	ug/Kg
CC78714	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4600	260	3900	3900	ug/Kg
CC78714	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	5400	260	1000	1000	ug/Kg
CC78714	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	4800	260	1000	1000	ug/Kg

Wednesday, April 03, 2019

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GCC78709 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CC78714	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	4600	260	1000	1000	ug/Kg
CC78714	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4600	260	800	800	ug/Kg
CC78714	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5400	260	1000	1000	ug/Kg
CC78714	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5200	260	1000	1000	ug/Kg
CC78714	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4600	260	1000	1000	ug/Kg
CC78714	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	700	260	330	330	ug/Kg
CC78714	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3400	260	500	500	ug/Kg
CC78714	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4800	260	1000	1000	ug/Kg

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

April 03, 2019 SDG I.D.: GCC78709

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

SVOA Narration

CHEM07 04/01/19-2: CC78709, CC78710, CC78711, CC78712, CC78713, CC78714

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.053 (0.1), Hexachlorobenzene 0.079 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.057 (0.1), Hexachlorobenzene 0.080 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

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

VOA Narration

CHEM03 04/01/19-2: CC78709, CC78710, CC78711, CC78712, CC78713, CC78714

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 23% (20%), Bromoform 24% (20%), Chloroethane 27% (20%), trans-1,4-dichloro-2-butene 24% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Acetone 0.083 (0.1), Acrolein 0.042 (0.05), Tetrachloroethene 0.179 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: Acrylonitrile 34%H (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: Acrolein 0.041 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: None.

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

Environmental Laboratories, Inc.
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NY Temperature Narration

April 03, 2019

SDG I.D.: GCC78709

The samples in this delivery group were received at 2.3°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]
Temp 2.3°C Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Contact Options:
[ ] Fax:
[ ] Phone: (631) 504-6000
[ ] Email: Csosik@ebcincny.com

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

Project: 880 Rogers Ave, Brooklyn
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: TONY BALADO Date: 3-29-19

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	Pesticides/PCBs	TAL Metals	+	+	+	+	x	+	+	Soil VOA Vials [X] methanol [X] H2O	GL Soil container (8) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] HCl	GL Amber 1000ml [ ] As is	PL As is [ ] 250ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
787 09	SB1 (3-5)	S	3.29.19	7:15	X	X										3		1							
787 10	SB2 (3-5)			7:45																					
787 11	SB3 (3-5)			11:35																					
787 12	SB4 (3-5)			12:35																					
787 13	SB5 (3-5)			1:15																					
787 14	SB6 (3-5)			10:45																					

Relinquished by:	Accepted by:	Date:	Time:
	Emy	4.1.19	12:58
Emy	Kuyin Mmmm	4.1.19	1526

Comments, Special Requirements or Regulations:

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

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

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

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

Data Package
[ ] NJ Reduced Deliv. *
[ ] ~~NY Enhanced (ASP B)~~ *
[ ] Other

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Tuesday, April 02, 2019

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

Project ID: 880 ROGERS AVE BROOKLYN
SDG ID: GCC78699
Sample ID#s: CC78699 - CC78701

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,

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

NY # 11301

Sample Id Cross Reference

April 02, 2019

SDG I.D.: GCC78699

Project ID: 880 ROGERS AVE BROOKLYN

Client Id	Lab Id	Matrix
SV 3	CC78699	AIR
SV 1	CC78700	AIR
SV 2	CC78701	AIR

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

April 02, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TB	03/29/19	13:35
Location Code:	EBC	Received by:	SW	04/01/19	15:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	217				

Laboratory Data

SDG ID: GCC78699
Phoenix ID: CC78699

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SV 3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	04/01/19	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	04/01/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	04/01/19	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	04/01/19	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	04/01/19	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	04/01/19	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	04/01/19	KCA	1	
1,2,4-Trimethylbenzene	1.06	*0.204*	5.21	*1.00*	04/01/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	04/01/19	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/01/19	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	04/01/19	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	04/01/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	04/01/19	KCA	1	
1,3,5-Trimethylbenzene	0.247	*0.204*	1.21	*1.00*	04/01/19	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	04/01/19	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/01/19	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/01/19	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	04/01/19	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	04/01/19	KCA	1	1
4-Ethyltoluene	0.938	*0.204*	4.61	*1.00*	04/01/19	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	04/01/19	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.554	*0.244*	2.27	*1.00*	04/01/19	KCA	1	
Acetone	24.4	*0.421*	57.9	*1.00*	04/01/19	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	04/01/19	KCA	1	
Benzene	0.482	*0.313*	1.54	*1.00*	04/01/19	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	04/01/19	KCA	1	

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SV 3

Phoenix I.D.: CC78699

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	04/01/19	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	04/01/19	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	04/01/19	KCA	1	
Carbon Disulfide	0.697	*0.321*	2.17	*1.00*	04/01/19	KCA	1	
Carbon Tetrachloride	0.096	*0.032*	0.60	*0.20*	04/01/19	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	04/01/19	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	04/01/19	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	04/01/19	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	04/01/19	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	04/01/19	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	04/01/19	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	04/01/19	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	04/01/19	KCA	1	
Dichlorodifluoromethane	0.347	*0.202*	1.71	*1.00*	04/01/19	KCA	1	
Ethanol	34.7	*0.531*	65.3	*1.00*	04/01/19	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	04/01/19	KCA	1	1
Ethylbenzene	1.06	*0.230*	4.60	*1.00*	04/01/19	KCA	1	
Heptane	2.68	*0.244*	11.0	*1.00*	04/01/19	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	04/01/19	KCA	1	
Hexane	0.313	*0.284*	1.10	*1.00*	04/01/19	KCA	1	
Isopropylalcohol	1.65	*0.407*	4.05	*1.00*	04/01/19	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	04/01/19	KCA	1	
m,p-Xylene	4.12	*0.230*	17.9	*1.00*	04/01/19	KCA	1	
Methyl Ethyl Ketone	1.11	*0.339*	3.27	*1.00*	04/01/19	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	04/01/19	KCA	1	
Methylene Chloride	ND	*0.864*	ND	*3.00*	04/01/19	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	04/01/19	KCA	1	1
o-Xylene	0.994	*0.230*	4.31	*1.00*	04/01/19	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	04/01/19	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	04/01/19	KCA	1	1
Styrene	1.52	*0.235*	6.47	*1.00*	04/01/19	KCA	1	
Tetrachloroethene	0.099	*0.037*	0.67	*0.25*	04/01/19	KCA	1	
Tetrahydrofuran	0.887	*0.339*	2.61	*1.00*	04/01/19	KCA	1	1
Toluene	12.9	*0.266*	48.6	*1.00*	04/01/19	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	04/01/19	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	04/01/19	KCA	1	
Trichloroethene	ND	*0.037*	ND	*0.20*	04/01/19	KCA	1	
Trichlorofluoromethane	ND	*0.178*	ND	*1.00*	04/01/19	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	04/01/19	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	04/01/19	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	100	*%*	100	*%*	04/01/19	KCA	1	
% IS-1,4-Difluorobenzene	110	*%*	110	*%*	04/01/19	KCA	1	
% IS-Bromochloromethane	100	*%*	100	*%*	04/01/19	KCA	1	
% IS-Chlorobenzene-d5	119	*%*	119	*%*	04/01/19	KCA	1	

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SV 3

Phoenix I.D.: CC78699

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

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 at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

April 02, 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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 02, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TB	03/29/19	12:40
Location Code:	EBC	Received by:	SW	04/01/19	15:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	13637				

Laboratory Data

SDG ID: GCC78699
Phoenix ID: CC78700

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SV 1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	04/01/19	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	04/01/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	04/01/19	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	04/01/19	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	04/01/19	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	04/01/19	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	04/01/19	KCA	1	
1,2,4-Trimethylbenzene	0.343	*0.204*	1.69	*1.00*	04/01/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	04/01/19	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/01/19	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	04/01/19	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	04/01/19	KCA	1	
1,2-Dichlorotetrafluoroethane	0.183	*0.143*	1.28	*1.00*	04/01/19	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	04/01/19	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	04/01/19	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/01/19	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/01/19	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	04/01/19	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	04/01/19	KCA	1	1
4-Ethyltoluene	0.315	*0.204*	1.55	*1.00*	04/01/19	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	04/01/19	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.670	*0.244*	2.74	*1.00*	04/01/19	KCA	1	
Acetone	21.7	*0.421*	51.5	*1.00*	04/01/19	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	04/01/19	KCA	1	
Benzene	0.594	*0.313*	1.90	*1.00*	04/01/19	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	04/01/19	KCA	1	

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SV 1

Phoenix I.D.: CC78700

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	04/01/19	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	04/01/19	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	04/01/19	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	04/01/19	KCA	1	
Carbon Tetrachloride	0.055	*0.032*	0.35	*0.20*	04/01/19	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	04/01/19	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	04/01/19	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	04/01/19	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	04/01/19	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	04/01/19	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	04/01/19	KCA	1	
Cyclohexane	1.26	*0.291*	4.33	*1.00*	04/01/19	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	04/01/19	KCA	1	
Dichlorodifluoromethane	0.552	*0.202*	2.73	*1.00*	04/01/19	KCA	1	
Ethanol	31.1	*0.531*	58.6	*1.00*	04/01/19	KCA	1	1
Ethyl acetate	1.71	*0.278*	6.16	*1.00*	04/01/19	KCA	1	1
Ethylbenzene	0.428	*0.230*	1.86	*1.00*	04/01/19	KCA	1	
Heptane	0.788	*0.244*	3.23	*1.00*	04/01/19	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	04/01/19	KCA	1	
Hexane	0.296	*0.284*	1.04	*1.00*	04/01/19	KCA	1	
Isopropylalcohol	1.70	*0.407*	4.18	*1.00*	04/01/19	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	04/01/19	KCA	1	
m,p-Xylene	1.89	*0.230*	8.20	*1.00*	04/01/19	KCA	1	
Methyl Ethyl Ketone	0.839	*0.339*	2.47	*1.00*	04/01/19	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	04/01/19	KCA	1	
Methylene Chloride	ND	*0.864*	ND	*3.00*	04/01/19	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	04/01/19	KCA	1	1
o-Xylene	0.475	*0.230*	2.06	*1.00*	04/01/19	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	04/01/19	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	04/01/19	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	04/01/19	KCA	1	
Tetrachloroethene	0.313	*0.037*	2.12	*0.25*	04/01/19	KCA	1	
Tetrahydrofuran	2.62	*0.339*	7.72	*1.00*	04/01/19	KCA	1	1
Toluene	2.04	*0.266*	7.68	*1.00*	04/01/19	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	04/01/19	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	04/01/19	KCA	1	
Trichloroethene	0.048	*0.037*	0.26	*0.20*	04/01/19	KCA	1	
Trichlorofluoromethane	ND	*0.178*	ND	*1.00*	04/01/19	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	04/01/19	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	04/01/19	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	103	*%*	103	*%*	04/01/19	KCA	1	
% IS-1,4-Difluorobenzene	112	*%*	112	*%*	04/01/19	KCA	1	
% IS-Bromochloromethane	97	*%*	97	*%*	04/01/19	KCA	1	
% IS-Chlorobenzene-d5	119	*%*	119	*%*	04/01/19	KCA	1	

Ver 1

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SV 1

Phoenix I.D.: CC78700

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

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 at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

April 02, 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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 02, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TB	03/29/19	13:32
Location Code:	EBC	Received by:	SW	04/01/19	15:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19887				

Laboratory Data

SDG ID: GCC78699
Phoenix ID: CC78701

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SV 2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	04/01/19	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	04/01/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	04/01/19	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	04/01/19	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	04/01/19	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	04/01/19	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	04/01/19	KCA	1	
1,2,4-Trimethylbenzene	0.559	*0.204*	2.75	*1.00*	04/01/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	04/01/19	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/01/19	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	04/01/19	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	04/01/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	04/01/19	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	04/01/19	KCA	1	
1,3-Butadiene	1.39	*0.452*	3.07	*1.00*	04/01/19	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/01/19	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/01/19	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	04/01/19	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	04/01/19	KCA	1	1
4-Ethyltoluene	0.506	*0.204*	2.49	*1.00*	04/01/19	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	04/01/19	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.652	*0.244*	2.67	*1.00*	04/01/19	KCA	1	
Acetone	26.6	*0.421*	63.1	*1.00*	04/01/19	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	04/01/19	KCA	1	
Benzene	0.814	*0.313*	2.60	*1.00*	04/01/19	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	04/01/19	KCA	1	

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SV 2

Phoenix I.D.: CC78701

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	04/01/19	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	04/01/19	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	04/01/19	KCA	1	
Carbon Disulfide	0.825	*0.321*	2.57	*1.00*	04/01/19	KCA	1	
Carbon Tetrachloride	0.327	*0.032*	2.06	*0.20*	04/01/19	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	04/01/19	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	04/01/19	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	04/01/19	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	04/01/19	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	04/01/19	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	04/01/19	KCA	1	
Cyclohexane	4.17	*0.291*	14.3	*1.00*	04/01/19	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	04/01/19	KCA	1	
Dichlorodifluoromethane	0.419	*0.202*	2.07	*1.00*	04/01/19	KCA	1	
Ethanol	34.3	*0.531*	64.6	*1.00*	04/01/19	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	04/01/19	KCA	1	1
Ethylbenzene	1.19	*0.230*	5.16	*1.00*	04/01/19	KCA	1	
Heptane	3.94	*0.244*	16.1	*1.00*	04/01/19	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	04/01/19	KCA	1	
Hexane	1.85	*0.284*	6.52	*1.00*	04/01/19	KCA	1	
Isopropylalcohol	1.82	*0.407*	4.47	*1.00*	04/01/19	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	04/01/19	KCA	1	
m,p-Xylene	4.85	*0.230*	21.0	*1.00*	04/01/19	KCA	1	
Methyl Ethyl Ketone	1.52	*0.339*	4.48	*1.00*	04/01/19	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	04/01/19	KCA	1	
Methylene Chloride	ND	*0.864*	ND	*3.00*	04/01/19	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	04/01/19	KCA	1	1
o-Xylene	1.03	*0.230*	4.47	*1.00*	04/01/19	KCA	1	
Propylene	7.85	*0.581*	13.5	*1.00*	04/01/19	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	04/01/19	KCA	1	1
Styrene	0.265	*0.235*	1.13	*1.00*	04/01/19	KCA	1	
Tetrachloroethene	0.110	*0.037*	0.75	*0.25*	04/01/19	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	04/01/19	KCA	1	1
Toluene	29.8	*0.266*	112	*1.00*	04/01/19	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	04/01/19	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	04/01/19	KCA	1	
Trichloroethene	0.039	*0.037*	0.21	*0.20*	04/01/19	KCA	1	
Trichlorofluoromethane	ND	*0.178*	ND	*1.00*	04/01/19	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	04/01/19	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	04/01/19	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	98	*%*	98	*%*	04/01/19	KCA	1	
% IS-1,4-Difluorobenzene	100	*%*	100	*%*	04/01/19	KCA	1	
% IS-Bromochloromethane	96	*%*	96	*%*	04/01/19	KCA	1	
% IS-Chlorobenzene-d5	122	*%*	122	*%*	04/01/19	KCA	1	

Ver 1

Project ID: 880 ROGERS AVE BROOKLYN
Client ID: SV 2

Phoenix I.D.: CC78701

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

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 at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
April 02, 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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

April 02, 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.: GCC78699

Project ID: 880 ROGERS AVE BROOKLYN

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SV 3	CC78699	217	6.0L	4959	03/27/19	-30	-3	43	44	2.3	-29	-5	03/29/19 11:35	03/29/19 1:35
SV 1	CC78700	13637	6.0L	3501	03/27/19	-30	-1	43	47	8.9	-30+	-4	03/29/19 10:52	03/29/19 12:40
SV 2	CC78701	19887	6.0L	3257	03/27/19	-30	-2	43	15	96.6	-30	-5	03/29/19 11:37	03/29/19 1:37

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

April 02, 2019

QA/QC Data

SDG I.D.: GCC78699

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 472701 (ppbv), QC Sample No: CC77974 (CC78699, CC78700, CC78701)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.500	ND	3.43	95	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.500	ND	2.73	89	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.14	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.020	ND	0.11	99	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.150	ND	0.61	90	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.200	ND	0.79	89	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.054	ND	0.40	102	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.020	ND	0.15	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.100	ND	0.60	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.020	ND	0.08	93	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.020	ND	0.09	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.500	ND	3.49	92	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.500	ND	2.46	105	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.500	ND	1.11	91	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.100	ND	0.60	103	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.080	ND	0.48	109	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.130	ND	0.47	104	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.500	ND	2.05	103	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.500	ND	2.46	106	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.500	ND	2.74	111	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.500	ND	2.05	97	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.750	ND	1.78	85	ND	ND	ND	ND	NC	70 - 130	25
Acrylonitrile	ND	0.500	ND	1.08	92	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.200	ND	0.64	95	0.69	0.66	0.215	0.207	NC	70 - 130	25
Benzyl chloride	ND	0.500	ND	2.59	120	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.020	ND	0.13	97	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.150	ND	1.55	95	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.140	ND	0.54	88	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.500	ND	1.56	94	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.086	ND	0.54	93	ND	ND	ND	ND	NC	70 - 130	25
Chlorobenzene	ND	0.200	ND	0.92	100	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.500	ND	1.32	90	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.500	ND	1.03	83	1.19	1.29	0.579	0.623	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	97	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.500	ND	1.72	106	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.020	ND	0.17	103	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.500	ND	2.47	99	ND	ND	ND	ND	NC	70 - 130	25
Ethanol	ND	0.750	ND	1.41	114	78.1 E	76.6	41.5 E	40.7	1.9	70 - 130	25

QA/QC Data

SDG I.D.: GCC78699

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	0.500	ND	1.80	85	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.500	ND	2.17	101	3.32	2.83	0.766	0.653	NC	70 - 130	25
Heptane	ND	0.500	ND	2.05	100	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.020	ND	0.21	109	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.450	ND	1.59	105	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.750	ND	1.84	89	1910 E	1860	776 E	758	2.3	70 - 130	25
Isopropylbenzene	ND	0.500	ND	2.46	109	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	1.00	ND	4.34	106	11.8	11.5	2.72	2.64	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.450	ND	1.33	94	1.53	1.69	0.519	0.574	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.500	ND	1.80	91	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	3.00	ND	10.4	81	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.500	ND	2.74	104	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.500	ND	2.17	104	3.33	3.42	0.768	0.789	NC	70 - 130	25
Propylene	ND	0.500	ND	0.86	97	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.500	ND	2.74	95	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.200	ND	0.85	111	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.100	ND	0.68	109	ND	ND	ND	ND	NC	70 - 130	25
Tetrahydrofuran	ND	0.500	ND	1.47	90	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.500	ND	1.88	111	17.2	15.5	4.57	4.11	10.6	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.200	ND	0.79	86	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.500	ND	2.27	101	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.050	ND	0.27	108	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.500	ND	2.81	82	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.500	ND	3.83	83	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.100	ND	0.26	89	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	99	%	99	%	94	99	94	99	94	NC	70 - 130	25
% IS-1,4-Difluorobenzene	115	%	115	%	94	109	113	109	113	NC	60 - 140	25
% IS-Bromochloromethane	112	%	112	%	84	93	95	93	95	NC	60 - 140	25
% IS-Chlorobenzene-d5	114	%	114	%	105	117	125	117	125	NC	60 - 140	25

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

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

Phyllis Shiller, Laboratory Director
April 02, 2019

Tuesday, April 02, 2019

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCC78699 - 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 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.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

April 02, 2019 SDG I.D.: GCC78699

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

AIRSIM

CHEM24 04/01/19-1: CC78699, CC78700, CC78701

The following Continuing Calibration compounds did not meet % deviation criteria: Ethanol 38%H (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: Ethanol 38%H (30%)

PHOENIX
Environmental Laboratories, Inc.

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

CHAIN OF CUSTODY RECORD
AIR ANALYSES

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

P.O. # _____ Page 1 of 1

Data Delivery:
☐ Fax #: _____
☐ Email: _____
☐ Phone #: _____

Report to: Keith Butler	Invoice to:	Project Name: 880 Rogers Ave Brooklyn
Customer: EBC		Requested Deliverable: RCP ☐ ASP CAT B ☐
Address:		MCP ☐ NJ Deliverables ☐
	Sampled by: Tony Bellido	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	
		28613	6.0	-30		3408	43										
787099	SV3	217			-3	4959		11:35	1:35	3.29.19	-29	-5		X			X
787100	SV1	13637			-1	35C1		10:52	12:40	3.29.19	-30	-4		X			X
787101	SV2	19887			-2	3257		11:37	1:37	3.29.19	-30	-5		X			X

Relinquished by:	Accepted by:	Date:	Time:
		4.1.19	12:58
		4.1.19	1526

Data Format:
Excel ☑ Equis ☐ Other ☐ ( )

Turnaround Time:
☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☑ Standard

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
(3)600 (3hr)

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: _____