



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



Analysis Report

November 08, 2018

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

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 72 Hour
P.O.#:
Canister Id: 13640

Custody Information

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

Date

11/06/18 9:59
11/07/18 16:24

Time

Laboratory Data

SDG ID: GCB90210
Phoenix ID: CB90210

Project ID: 742-848 FLUSHING AVE., BROOKLYN
Client ID: 18SV2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/07/18	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/07/18	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/07/18	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/07/18	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/07/18	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	11/07/18	KCA	1
1,2,4-Trichlorobenzene	0.273	0.135	0.135	2.02	1.00	1.00	11/07/18	KCA	1
1,2,4-Trimethylbenzene	0.971	0.204	0.204	4.77	1.00	1.00	11/07/18	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/07/18	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/07/18	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/07/18	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/07/18	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/07/18	KCA	1
1,3,5-Trimethylbenzene	0.285	0.204	0.204	1.40	1.00	1.00	11/07/18	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/07/18	KCA	1
1,3-Dichlorobenzene	0.245	0.166	0.166	1.47	1.00	1.00	11/07/18	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/07/18	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/07/18	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/07/18	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	11/07/18	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/07/18	KCA	1
4-Methyl-2-pentanone(MIBK)	0.685	0.244	0.244	2.80	1.00	1.00	11/07/18	KCA	1
Acetone	57.0	2.11	2.11	135	5.01	5.01	11/08/18	KCA	5
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/07/18	KCA	1
Benzene	0.713	0.313	0.313	2.28	1.00	1.00	11/07/18	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/07/18	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/07/18	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/07/18	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/07/18	KCA	1
Carbon Disulfide	0.492	0.321	0.321	1.53	1.00	1.00	11/07/18	KCA	1
Carbon Tetrachloride	0.038	0.032	0.032	0.24	0.20	0.20	11/07/18	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/07/18	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/07/18	KCA	1
Chloroform	9.99	0.205	0.205	48.7	1.00	1.00	11/07/18	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/07/18	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	11/07/18	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/07/18	KCA	1
Cyclohexane	0.430	0.291	0.291	1.48	1.00	1.00	11/07/18	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/07/18	KCA	1
Dichlorodifluoromethane	0.535	0.202	0.202	2.64	1.00	1.00	11/07/18	KCA	1
Ethanol	35.5	0.531	0.531	66.8	1.00	1.00	11/07/18	KCA	1
Ethyl acetate	0.694	0.278	0.278	2.50	1.00	1.00	11/07/18	KCA	1
Ethylbenzene	0.758	0.230	0.230	3.29	1.00	1.00	11/07/18	KCA	1
Heptane	0.651	0.244	0.244	2.67	1.00	1.00	11/07/18	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/07/18	KCA	1
Hexane	0.696	S 0.284	0.284	2.45	1.00	1.00	11/07/18	KCA	1
Isopropylalcohol	9.08	0.407	0.407	22.3	1.00	1.00	11/07/18	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/07/18	KCA	1
m,p-Xylene	2.88	0.230	0.230	12.5	1.00	1.00	11/07/18	KCA	1
Methyl Ethyl Ketone	4.08	0.339	0.339	12.0	1.00	1.00	11/07/18	KCA	1
Methyl tert-butyl ether(MTBE)	0.705	0.278	0.278	2.54	1.00	1.00	11/07/18	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	11/07/18	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/07/18	KCA	1
o-Xylene	1.22	0.230	0.230	5.29	1.00	1.00	11/07/18	KCA	1
Propylene	2.16	0.581	0.581	3.72	1.00	1.00	11/07/18	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/07/18	KCA	1
Styrene	0.302	0.235	0.235	1.29	1.00	1.00	11/07/18	KCA	1
Tetrachloroethene	9.94	0.037	0.037	67.4	0.25	0.25	11/07/18	KCA	1
Tetrahydrofuran	2.80	0.339	0.339	8.25	1.00	1.00	11/07/18	KCA	1
Toluene	6.02	0.266	0.266	22.7	1.00	1.00	11/07/18	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/07/18	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/07/18	KCA	1
Trichloroethene	0.706	0.037	0.037	3.79	0.20	0.20	11/07/18	KCA	1
Trichlorofluoromethane	0.313	0.178	0.178	1.76	1.00	1.00	11/07/18	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/07/18	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	11/07/18	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	97	%	%	97	%	%	11/07/18	KCA	1



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Analysis Report

November 08, 2018

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

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 72 Hour
P.O.#:
Canister Id: 23352

Custody Information

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

Date Time
11/06/18 10:20
11/07/18 16:24

Laboratory Data

SDG ID: GCB90210
Phoenix ID: CB90211

Project ID: 742-848 FLUSHING AVE., BROOKLYN
Client ID: 18SV5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/07/18	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/07/18	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/07/18	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/07/18	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/07/18	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	11/07/18	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/07/18	KCA	1
1,2,4-Trimethylbenzene	0.914	0.204	0.204	4.49	1.00	1.00	11/07/18	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/07/18	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/07/18	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/07/18	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/07/18	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/07/18	KCA	1
1,3,5-Trimethylbenzene	0.270	0.204	0.204	1.33	1.00	1.00	11/07/18	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/07/18	KCA	1
1,3-Dichlorobenzene	0.249	0.166	0.166	1.50	1.00	1.00	11/07/18	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/07/18	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/07/18	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/07/18	KCA	1
4-Ethyltoluene	0.271	0.204	0.204	1.33	1.00	1.00	11/07/18	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/07/18	KCA	1
4-Methyl-2-pentanone(MIBK)	0.851	0.244	0.244	3.48	1.00	1.00	11/07/18	KCA	1
Acetone	62.6	2.11	2.11	149	5.01	5.01	11/08/18	KCA	5
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/07/18	KCA	1
Benzene	13.5	0.313	0.313	43.1	1.00	1.00	11/07/18	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/07/18	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	0.395	0.149	0.149	2.65	1.00	1.00	11/07/18	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/07/18	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/07/18	KCA	1
Carbon Disulfide	6.73	0.321	0.321	20.9	1.00	1.00	11/07/18	KCA	1
Carbon Tetrachloride	0.049	0.032	0.032	0.31	0.20	0.20	11/07/18	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/07/18	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/07/18	KCA	1
Chloroform	22.3	0.205	0.205	109	1.00	1.00	11/07/18	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/07/18	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	11/07/18	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/07/18	KCA	1
Cyclohexane	0.996	0.291	0.291	3.43	1.00	1.00	11/07/18	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/07/18	KCA	1
Dichlorodifluoromethane	0.524	0.202	0.202	2.59	1.00	1.00	11/07/18	KCA	1
Ethanol	26.4	0.531	0.531	49.7	1.00	1.00	11/07/18	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/07/18	KCA	1
Ethylbenzene	0.809	0.230	0.230	3.51	1.00	1.00	11/07/18	KCA	1
Heptane	1.26	0.244	0.244	5.16	1.00	1.00	11/07/18	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/07/18	KCA	1
Hexane	1.61	S 0.284	0.284	5.67	1.00	1.00	11/07/18	KCA	1
Isopropylalcohol	13.2	0.407	0.407	32.4	1.00	1.00	11/07/18	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/07/18	KCA	1
m,p-Xylene	2.97	0.230	0.230	12.9	1.00	1.00	11/07/18	KCA	1
Methyl Ethyl Ketone	3.42	0.339	0.339	10.1	1.00	1.00	11/07/18	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/07/18	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	11/07/18	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/07/18	KCA	1
o-Xylene	1.25	0.230	0.230	5.42	1.00	1.00	11/07/18	KCA	1
Propylene	69.3	2.91	2.91	119	5.01	5.01	11/08/18	KCA	5
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/07/18	KCA	1
Styrene	0.290	0.235	0.235	1.23	1.00	1.00	11/07/18	KCA	1
Tetrachloroethene	0.962	0.037	0.037	6.52	0.25	0.25	11/07/18	KCA	1
Tetrahydrofuran	1.91	0.339	0.339	5.63	1.00	1.00	11/07/18	KCA	1
Toluene	8.64	0.266	0.266	32.5	1.00	1.00	11/07/18	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/07/18	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/07/18	KCA	1
Trichloroethene	ND	0.037	0.037	ND	0.20	0.20	11/07/18	KCA	1
Trichlorofluoromethane	ND	0.178	0.178	ND	1.00	1.00	11/07/18	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/07/18	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	11/07/18	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	98	%	%	98	%	%	11/07/18	KCA	1



Environmental Laboratories, Inc.
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Analysis Report

November 08, 2018

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

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 72 Hour
P.O.#:
Canister Id: 495

Custody Information

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

Date

11/06/18 10:00
11/07/18 16:24

Time

Laboratory Data

SDG ID: GCB90210
Phoenix ID: CB90212

Project ID: 742-848 FLUSHING AVE., BROOKLYN
Client ID: 18SV3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/07/18	KCA	1
1,1,1-Trichloroethane	0.250	0.183	0.183	1.36	1.00	1.00	11/07/18	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/07/18	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/07/18	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/07/18	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	11/07/18	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	11/07/18	KCA	1
1,2,4-Trimethylbenzene	4.54	0.204	0.204	22.3	1.00	1.00	11/07/18	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/07/18	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/07/18	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/07/18	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/07/18	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/07/18	KCA	1
1,3,5-Trimethylbenzene	1.39	0.204	0.204	6.83	1.00	1.00	11/07/18	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/07/18	KCA	1
1,3-Dichlorobenzene	0.265	0.166	0.166	1.59	1.00	1.00	11/07/18	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/07/18	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/07/18	KCA	1
2-Hexanone(MBK)	2.95	0.244	0.244	12.1	1.00	1.00	11/07/18	KCA	1
4-Ethyltoluene	0.583	0.204	0.204	2.86	1.00	1.00	11/07/18	KCA	1
4-Isopropyltoluene	0.790	0.182	0.182	4.33	1.00	1.00	11/07/18	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	11/07/18	KCA	1
Acetone	56.3	2.11	2.11	134	5.01	5.01	11/08/18	KCA	5
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/07/18	KCA	1
Benzene	0.580	0.313	0.313	1.85	1.00	1.00	11/07/18	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/07/18	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/07/18	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/07/18	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/07/18	KCA	1
Carbon Disulfide	1.54	0.321	0.321	4.79	1.00	1.00	11/07/18	KCA	1
Carbon Tetrachloride	0.053	0.032	0.032	0.33	0.20	0.20	11/07/18	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/07/18	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/07/18	KCA	1
Chloroform	1.10	0.205	0.205	5.37	1.00	1.00	11/07/18	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/07/18	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	11/07/18	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/07/18	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	11/07/18	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/07/18	KCA	1
Dichlorodifluoromethane	0.530	0.202	0.202	2.62	1.00	1.00	11/07/18	KCA	1
Ethanol	36.9	0.531	0.531	69.5	1.00	1.00	11/07/18	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/07/18	KCA	1
Ethylbenzene	0.964	0.230	0.230	4.18	1.00	1.00	11/07/18	KCA	1
Heptane	0.633	0.244	0.244	2.59	1.00	1.00	11/07/18	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/07/18	KCA	1
Hexane	0.719	S 0.284	0.284	2.53	1.00	1.00	11/07/18	KCA	1
Isopropylalcohol	13.6	0.407	0.407	33.4	1.00	1.00	11/07/18	KCA	1
Isopropylbenzene	0.354	0.204	0.204	1.74	1.00	1.00	11/07/18	KCA	1
m,p-Xylene	3.74	0.230	0.230	16.2	1.00	1.00	11/07/18	KCA	1
Methyl Ethyl Ketone	8.54	0.339	0.339	25.2	1.00	1.00	11/07/18	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/07/18	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	11/07/18	KCA	1
n-Butylbenzene	1.37	0.182	0.182	7.52	1.00	1.00	11/07/18	KCA	1
o-Xylene	1.67	0.230	0.230	7.25	1.00	1.00	11/07/18	KCA	1
Propylene	1.96	0.581	0.581	3.37	1.00	1.00	11/07/18	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/07/18	KCA	1
Styrene	0.571	0.235	0.235	2.43	1.00	1.00	11/07/18	KCA	1
Tetrachloroethene	16.7	0.037	0.037	113	0.25	0.25	11/07/18	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	11/07/18	KCA	1
Toluene	12.4	0.266	0.266	46.7	1.00	1.00	11/07/18	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/07/18	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/07/18	KCA	1
Trichloroethene	0.065	0.037	0.037	0.35	0.20	0.20	11/07/18	KCA	1
Trichlorofluoromethane	0.256	0.178	0.178	1.44	1.00	1.00	11/07/18	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/07/18	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	11/07/18	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	115	%	%	115	%	%	11/07/18	KCA	1



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



Analysis Report

November 08, 2018

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

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 72 Hour
P.O.#:
Canister Id: 23350

Custody Information

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

Date Time
11/06/18 10:10
11/07/18 16:24

Laboratory Data

SDG ID: GCB90210
Phoenix ID: CB90213

Project ID: 742-848 FLUSHING AVE., BROOKLYN
Client ID: 18SV1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/07/18	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/07/18	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/07/18	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/07/18	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/07/18	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	11/07/18	KCA	1
1,2,4-Trichlorobenzene	0.314	0.135	0.135	2.33	1.00	1.00	11/07/18	KCA	1
1,2,4-Trimethylbenzene	1.23	0.204	0.204	6.04	1.00	1.00	11/07/18	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/07/18	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/07/18	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/07/18	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/07/18	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/07/18	KCA	1
1,3,5-Trimethylbenzene	0.357	0.204	0.204	1.75	1.00	1.00	11/07/18	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/07/18	KCA	1
1,3-Dichlorobenzene	0.337	0.166	0.166	2.02	1.00	1.00	11/07/18	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/07/18	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/07/18	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/07/18	KCA	1
4-Ethyltoluene	0.296	0.204	0.204	1.45	1.00	1.00	11/07/18	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	11/07/18	KCA	1
4-Methyl-2-pentanone(MIBK)	0.796	0.244	0.244	3.26	1.00	1.00	11/07/18	KCA	1
Acetone	38.8	0.421	0.421	92.1	1.00	1.00	11/07/18	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/07/18	KCA	1
Benzene	0.617	0.313	0.313	1.97	1.00	1.00	11/07/18	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/07/18	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/07/18	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/07/18	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/07/18	KCA	1
Carbon Disulfide	0.685	0.321	0.321	2.13	1.00	1.00	11/07/18	KCA	1
Carbon Tetrachloride	0.033	0.032	0.032	0.21	0.20	0.20	11/07/18	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/07/18	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/07/18	KCA	1
Chloroform	1.36	0.205	0.205	6.64	1.00	1.00	11/07/18	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	11/07/18	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	11/07/18	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/07/18	KCA	1
Cyclohexane	0.418	0.291	0.291	1.44	1.00	1.00	11/07/18	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/07/18	KCA	1
Dichlorodifluoromethane	0.361	0.202	0.202	1.78	1.00	1.00	11/07/18	KCA	1
Ethanol	22.4	0.531	0.531	42.2	1.00	1.00	11/07/18	KCA	1
Ethyl acetate	1.28	0.278	0.278	4.61	1.00	1.00	11/07/18	KCA	1
Ethylbenzene	0.904	0.230	0.230	3.92	1.00	1.00	11/07/18	KCA	1
Heptane	1.51	0.244	0.244	6.18	1.00	1.00	11/07/18	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/07/18	KCA	1
Hexane	6.32	0.284	0.284	22.3	1.00	1.00	11/07/18	KCA	1
Isopropylalcohol	19.1	0.407	0.407	46.9	1.00	1.00	11/07/18	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/07/18	KCA	1
m,p-Xylene	3.27	0.230	0.230	14.2	1.00	1.00	11/07/18	KCA	1
Methyl Ethyl Ketone	2.01	0.339	0.339	5.92	1.00	1.00	11/07/18	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/07/18	KCA	1
Methylene Chloride	ND	0.864	0.864	ND	3.00	3.00	11/07/18	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/07/18	KCA	1
o-Xylene	1.39	0.230	0.230	6.03	1.00	1.00	11/07/18	KCA	1
Propylene	16.7	0.581	0.581	28.7	1.00	1.00	11/07/18	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/07/18	KCA	1
Styrene	0.395	0.235	0.235	1.68	1.00	1.00	11/07/18	KCA	1
Tetrachloroethene	2.42	0.037	0.037	16.4	0.25	0.25	11/07/18	KCA	1
Tetrahydrofuran	1.90	0.339	0.339	5.60	1.00	1.00	11/07/18	KCA	1
Toluene	7.33	0.266	0.266	27.6	1.00	1.00	11/07/18	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/07/18	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/07/18	KCA	1
Trichloroethene	0.088	0.037	0.037	0.47	0.20	0.20	11/07/18	KCA	1
Trichlorofluoromethane	ND	0.178	0.178	ND	1.00	1.00	11/07/18	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/07/18	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	11/07/18	KCA	1
QA/QC Surrogates									
% Bromofluorobenzene	99	%	%	99	%	%	11/07/18	KCA	1



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

November 08, 2018

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

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 72 Hour
P.O.#:
Canister Id: 13639

Custody Information

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

Date Time
11/06/18 9:32
11/07/18 16:24

Laboratory Data

SDG ID: GCB90210
Phoenix ID: CB90214

Project ID: 742-848 FLUSHING AVE., BROOKLYN
Client ID: 18SV4

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/08/18	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/08/18	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	11/08/18	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	11/08/18	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/08/18	KCA	1
1,1-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	11/08/18	KCA	1
1,2,4-Trichlorobenzene	0.155	0.135	0.135	1.15	1.00	1.00	11/08/18	KCA	1
1,2,4-Trimethylbenzene	4.37	0.204	0.204	21.5	1.00	1.00	11/08/18	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	11/08/18	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/08/18	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	11/08/18	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	11/08/18	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	11/08/18	KCA	1
1,3,5-Trimethylbenzene	1.12	0.204	0.204	5.50	1.00	1.00	11/08/18	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	11/08/18	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/08/18	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	11/08/18	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	11/08/18	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	11/08/18	KCA	1
4-Ethyltoluene	0.620	0.204	0.204	3.05	1.00	1.00	11/08/18	KCA	1
4-Isopropyltoluene	0.457	0.182	0.182	2.51	1.00	1.00	11/08/18	KCA	1
4-Methyl-2-pentanone(MIBK)	0.866	0.244	0.244	3.55	1.00	1.00	11/08/18	KCA	1
Acetone	49.6	2.11	2.11	118	5.01	5.01	11/08/18	KCA	5
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	11/08/18	KCA	1
Benzene	3.07	0.313	0.313	9.8	1.00	1.00	11/08/18	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	11/08/18	KCA	1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	11/08/18	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	11/08/18	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	11/08/18	KCA	1
Carbon Disulfide	7.14	0.321	0.321	22.2	1.00	1.00	11/08/18	KCA	1
Carbon Tetrachloride	0.072	0.032	0.032	0.45	0.20	0.20	11/08/18	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	11/08/18	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	11/08/18	KCA	1
Chloroform	6.48	0.205	0.205	31.6	1.00	1.00	11/08/18	KCA	1
Chloromethane	0.511	0.485	0.485	1.05	1.00	1.00	11/08/18	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	0.051	ND	0.20	0.20	11/08/18	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/08/18	KCA	1
Cyclohexane	1.92	0.291	0.291	6.60	1.00	1.00	11/08/18	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	11/08/18	KCA	1
Dichlorodifluoromethane	3.07	0.202	0.202	15.2	1.00	1.00	11/08/18	KCA	1
Ethanol	54.7	E 0.531	0.531	103	1.00	1.00	11/08/18	KCA	1 1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	11/08/18	KCA	1 1
Ethylbenzene	1.03	0.230	0.230	4.47	1.00	1.00	11/08/18	KCA	1
Heptane	2.71	0.244	0.244	11.1	1.00	1.00	11/08/18	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	11/08/18	KCA	1
Hexane	5.94	0.284	0.284	20.9	1.00	1.00	11/08/18	KCA	1
Isopropylalcohol	13.9	0.407	0.407	34.1	1.00	1.00	11/08/18	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	11/08/18	KCA	1
m,p-Xylene	3.54	0.230	0.230	15.4	1.00	1.00	11/08/18	KCA	1
Methyl Ethyl Ketone	4.53	0.339	0.339	13.4	1.00	1.00	11/08/18	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	11/08/18	KCA	1
Methylene Chloride	2.97	S 0.864	0.864	10.3	3.00	3.00	11/08/18	KCA	1
n-Butylbenzene	0.980	0.182	0.182	5.38	1.00	1.00	11/08/18	KCA	1 1
o-Xylene	1.56	0.230	0.230	6.77	1.00	1.00	11/08/18	KCA	1
Propylene	35.3	2.91	2.91	60.7	5.01	5.01	11/08/18	KCA	5 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	11/08/18	KCA	1 1
Styrene	0.357	0.235	0.235	1.52	1.00	1.00	11/08/18	KCA	1
Tetrachloroethene	4.18	0.037	0.037	28.3	0.25	0.25	11/08/18	KCA	1
Tetrahydrofuran	3.29	0.339	0.339	9.7	1.00	1.00	11/08/18	KCA	1 1
Toluene	9.00	0.266	0.266	33.9	1.00	1.00	11/08/18	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	11/08/18	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	11/08/18	KCA	1
Trichloroethene	0.097	0.037	0.037	0.52	0.20	0.20	11/08/18	KCA	1
Trichlorofluoromethane	0.477	0.178	0.178	2.68	1.00	1.00	11/08/18	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	11/08/18	KCA	1
Vinyl Chloride	ND	0.078	0.078	ND	0.20	0.20	11/08/18	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	91	%	%	91	%	%	11/08/18	KCA	1